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India's Largest Shop for Material Management



Protect Your Products



Packing leather bags in Giant Crate



Serving pastries in Insulated Food Carriers



Automobile components in Customized Partition Crates

Improve Your Storage Efficiency



Multi-tier Shelving Storage Systems in an E-commerce warehouse



Automotive spares in reusable cartons on Palletized Heavy Duty Racks



Semi-automatic Shuttle Racking System in a bottling plant

Increase Your Labour Productivity



Electric Stacker moving pallet from the rack



Combilift Multi-directional Forklift shifting long load in narrow aisle



Aisle Master Articulated Forklift picking material in narrow aisle

40 Regional Offices With 37 Depots Across India To Directly Service You

400+ Sales & Service Staff To Directly Work With You

A One Stop Shop For Material Handling Solutions

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ABOUT US

NILKAMAL LIMITED deals with the manufacturing of molded plastic material-handling crates and furniture. As a publicly listed company on the Bombay Stock Exchange (BSE), Nilkamal is well-regarded for its strong industry presence and trustworthiness. The material handling division is supported by a dedicated team of over 400 professionals, ensuring top-notch customer service and support. With more than 40 regional offices and 37 warehouses across India, Nilkamal Material Handling serves as a comprehensive solution provider for material handling, offering high-quality products to meet the diverse needs of various sectors.

Our product range includes:

- Plastic crates and boxes
- PP corrugated boxes
- Textile partition packaging for scratch-sensitive products
- Metal storage systems
- An exhaustive range of material handling equipment
- Automated vertical storage and retrieval systems from Hanel, Germany
- Road safety products
- Insulated boxes
- Insulated fish tubs
- Floating fish cages
- Waste bins - (Roto-molded and injection-molded)

In addition to material handling, Nilkamal is a leading manufacturer in India of plastic chairs and furniture, Sleep, and BubbleGuard. We have also successfully ventured into the home décor retail segment with our signature store chain across major Indian cities – Nilkamal Home, having over 60+ nationwide. We also have a printing division that specializes in high-quality continuous inkjet printers with a uniquely simple, unipart design. Our Cambro-Nilkamal collaboration with CAMBRO Manufacturing Co. USA offers an extensive range of kitchen equipment for the hospitality sector, including gastronorm pans, trays, wash crates, square seal lids, and shelving solutions. Nilkamal Packaging, another key vertical, focuses on the packaging needs of industries such as dairy, skincare, cosmetics, agriculture, and oil and gas.

Joint Ventures :



Distributorships / Marketing Agents :



Manufacturing strength – 10 Plants factories across India, all ISO 9001:2008 Certified.



Regd. Office & Works : VASONA (UT of D & NH) (WESTERN INDIA)



KHARADPADA (UT of D & NH) (WESTERN INDIA)



BARJORA (WEST BENGAL) (EASTERN INDIA)



SINNAR (MAHARASHTRA) (WESTERN INDIA)



GREATER NOIDA (U.P.) (NORTHERN INDIA)



PUDUCHERRY (TAMIL NADU) (SOUTHERN INDIA)



(SOUTHERN INDIA)
HOSUR (TAMIL NADU)



PLANT 1, SAMBA (J & K) (NORTHERN INDIA)



PLANT 2, SAMBA (J & K) (NORTHERN INDIA)

• One Plant in Sri Lanka

Recognitions :

ISO 9001 : 2015 Certification



MOULDED PLASTIC CRATES :

Nilkamal pioneered the use of moulded plastic crates in India and has remained industry leader in India. Innovation and a proactive approach to customer needs has led us to offer the widest range of moulded plastic crates in the Indian market, catering to practically every user segment and also creating some additional ones in the process. This section gives extensive information on our range of our Injection and Roto Moulded Plastic Crates – detailed lists of models and respective versions along with their dimensions that will make your buying choices easier .



Giant crates used in automotive battery assembly



Crates used in storage & handling



Roto moulded crates used in textile dyeing

300 X 200 SERIES CRATES

All Crates have built-in handles & are made from Food Grade H.D.P.E.



CC Version : Complete Closed



Used in Power Looms



**CCF Version : Complete Closed
With Flat Bottom**



FPO Version : Front Partly Open



**LID32000 With Locking Clips
For 300 x 200 series crates**

Model	Available Versions	Outer Dimensions (L x B x H in mm)	Inner Dimensions (L x B x H in mm)
32070	CC / CCF	300 x 200 x 70	265 x 165 x 60
32100	CC / CCF	300 x 200 x 100	265 x 165 x 95
32120	CC / CCF	300 x 200 x 120	265 x 165 x 115
32150	CC / CCF / FPO	300 x 200 x 150	265 x 165 x 145
32200	CC / C	300 x 200 x 200	265 x 165 x 195



400 X 300 SERIES CRATES

All Crates have built-in handles & are made from Food Grade H.D.P. E.



CC Version : Complete Closed



CCC Version : Complete Closed With Criss cross Bottom



JBC Version: Jali Bottom Closed



CH Version: Closed with Handle



CCF Version : Complete Closed With Flat Bottom



JR Version: Jali (Perforated) Regular

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
43065	CC / CCF	400 x 300 x 65	365 x 265 x 60
43090	CC / CCF	400 x 300 x 90	365 x 265 x 85
43100	CC / CCF	400 x 300 x 100	365 x 265 x 95
43120	CC / CCC / CCF	400 x 300 x 120	365 x 265 x 115
43150	CC / CCF / JR	400 x 300 x 150	365 x 265 x 145
43175	CC / CCF / CH / CHF / JBC / JR	400 x 300 x 175	365 x 265 x 170
43200D	CC / CH	400 x 300 x 200	365 x 265 x 195
43220	CC / CCF / CH / CHF	400 x 300 x 220	365 x 265 x 215
43230	CC / CCC	400 x 300 x 230	365 x 265 x 225
43240	CC / CCC / CCF	400 x 300 x 240	365 x 265 x 235
43270	CC / CCF	400 x 300 x 270	365 x 265 x 265
43320	CC / CCF / CH / CHF	400 x 300 x 320	365 x 265 x 315



LID43000 With Locking Clips
For 400 x 300 series crates



LIDBOXWLCP43GRY (Without Lid Clip)
410 (L) x 310 (W) x 40 (H) mm
(With Lid Clip Also Available : LIDBOX43GRY)



STACKING WITH LID



500 X 325 SERIES CRATES



CC Version : Complete Closed



CH Version: Closed with Handle



CCF Version : Complete Closed With Flat Bottom



JBC Version: Jali Bottom Closed



JR Version: Jali (Perforated) Regular



FPO Version : Front Partly Open



CCDD Version : Complete Closed with Deep Diamond bottom



Front



Bottom

CCSDW Version: Complete Closed Small Square Bottom Double Wall



JBCLW Version: Jali Bottom Closed Low Weight

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
53100	CC / CCF / CH / CHF	500 X 325 X 100	465 X 290 X 90
53150	CC / CCF / CH / CHF / JBC / JR / FPO / CCDD / CHDD JBCLW	500 X 325 X 150	465 X 290 X 140
53200	CC / CCF / CH / CHF / JBC / FPO	500 X 325 X 200	465 X 290 X 190
53250	CC / CCF / CH / CHF / JBC / FPO / CCDD / CHDD	500 X 325 X 250	465 X 290 X 240
53360	CC / CCF / CH / CHF / JBC / JR / CCDW	500 X 325 X 360	465 X 290 X 350



LID53000 With Locking Clips
For 500 x 325 series crates



540 X 360 SERIES CRATES



CC Version : Complete Closed



CH Version: Closed with Handle



JBC Version: Jali Bottom Closed



JR Version: Jali (Perforated) Regular



LID5436000 With Locking Clips
For 540 x 360 series crates



Available versions : 600x400 / 400x300 / 300x200
Available heights (in mm.) : 50

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
5436205	CC / CCF / JR	540 X 360 X 205	510 X 328 X 195
5436275	CC / CCF / CH / CHF / JBC / JR	540 X 360 X 275	540 X 360 X 265
5436295	JR	540 X 360 X 295	540 X 360 X 285
5436300	CC / CCF / CH / CHF / JBC	540 X 360 X 300	540 X 360 X 290
5436340	CC / CCF / CH / CHF / JBC	540 X 360 X 340	540 X 360 X 330
5436400	CC / CCF / CH / CHF / JBC	540 X 360 X 400	540 X 360 X 390



600 X 400 SERIES CRATES



CC Version : Complete Closed



CH Version : Closed With Handle



JBC Version : Jali Bottom Closed



JR Version : Jali (Perforated) Regular



**CHDW Version :
Closed with Handle With
Double Wall**



**CCC Version :
Complete Closed with Criss
Cross Bottom**



**CCF Version :
Complete Closed With
Flat Bottom**



WR Version : Without Ribs



**JRFC Version :
Jali Regular Foldable
Crate**

JBCNJ : Jali Bottom Closed with New Jali • **CHFWR** : Closed with Handle & Flat Bottom Without Ribs • **FPO** : Front Partly Open • **LSO** : Long Side Open

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
64080	CC / CCF / CCS / JBC / JR / JBF	600 X 400 X 80	565 X 365 X 75
64120	CC / CCC / CCF / CCS / CH / CHC / CHF / CHS / JBC / JBCHC / JBS / JR / JRHC / JRSJ / JBF	600 X 400 X 120	565 X 365 X 115
64150	CC / CCF / CCS / CH / CHF / JBC / JR	600 X 400 X 150	565 X 365 X 145
64160	CC / CCF / CCS / CH / CHF / CHS / JBC / JBS / JBF / JR	600 X 400 X 160	565 X 365 X 155
64175	CC / CCF / CH / CHF / JBCHC / JBCNJ / JBCNJHC	600 X 400 X 175	565 X 365 X 170
64200	CC / CCF / CH / CHF / JBC / JRFC	600 X 400 X 200	565 X 365 X 195
64220	CC / CCC / CCF / CH / CHF / JBC / JR / CCHW	600 X 400 X 220	565 X 365 X 215
64230	CCC / CCF / CHC	600 X 400 X 230	565 X 365 X 225
64240	CC / CCF / CH / CHF / JBC / CCHW	600 X 400 X 240	565 X 365 X 235
64280	CC / CCF / CH / CHF / JBC	600 X 400 X 280	565 X 365 X 275
64285	CC / CCF / CH / CHF / JBC / JR	600 X 400 X 285	565 X 365 X 280
64300	CC / CCF / CH / CHF / JBC	600 X 400 X 300	565 X 365 X 295
64320	CC / CCC / CCF / CCFWR / CHF / CHFWR / CH / JBC / JR	600 X 400 X 320	565 X 365 X 315
64340	CC / CCF	600 X 400 X 340	565 X 365 X 335
64350	CC / CCDW / CH / CHDW	600 X 400 X 350	565 X 365 X 345
64375	CC / CCF / CH / CHF / JBC / LSO	600 X 400 X 375	565 X 365 X 370
64400	CC / CCF / CH / CHF / JBC	600 X 400 X 400	565 X 365 X 395
64425	CC / CCC / CCF / CH / CHF / JBC	600 X 400 X 425	565 X 365 X 420
64450	CCC	600 X 400 X 450	565 X 365 X 445
64485	CC / CCF / CH / CHF / JBC / JR / FPO	600 X 400 X 485	565 X 365 X 480

600 X 400 SERIES CRATES (DW)



Model : CC64080 with dome handle



Model : JBC64120 with flat handle



Model : JR64120SJ with dome handle



Model : CH64175 with flat bottom



Model : CC64160 with small square bottom



Model : CC64175 with criss cross bottom



DW : Double Wall



D : Dome Handle

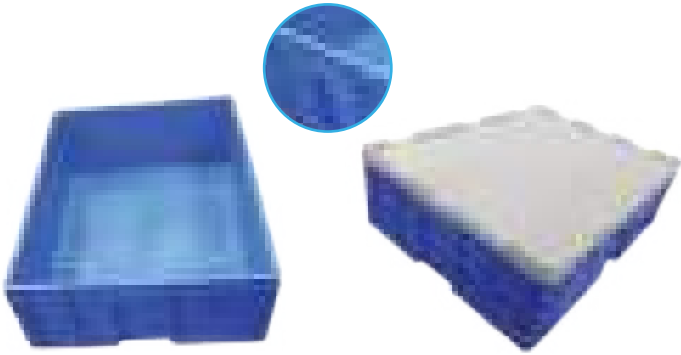


F : Flat Handle

VERSION	MODEL NO	DESCRIPTION	HANDLE	OUTER DIMENSIONS (L X B X H) IN MM.
64080	CCSD64080DW	Complete Closed Small Square Bottom & Dome Handle	DOME	620 X 400 X 80
	CCS64080DW	Complete Close Small Square Bottom	FLAT	600 X 400 X 80
	CCFD64080DW	Complete Closed Flat Bottom & Dome Handle	DOME	600 X 400 X 80
	CCF64080DW	Complete Closed Flat Bottom	FLAT	600 X 400 X 80
	CCC64080DW- always flat handle for criss cross stack	Complete Closed Criss Cross Bottom (with Flat Handle only)	FLAT	600 X 400 X 80
64120	CCSD64120DW	Complete Closed Small Square Bottom & Dome Handle	DOME	620 X 400 X 120
	CCS64120DW	Complete Closed Small Square Bottom	FLAT	620 X 400 X 120
	CCFD64120DW	Complete Closed Flat Bottom & Dome Handle	DOME	620 X 400 X 120
	CCF64120DW	Complete Closed Flat Bottom	FLAT	620 X 400 X 120
	JRS64120DWSJ	Jali Regular & Flat Handle	FLAT	620 X 400 X 120
	JRSD64120DWSJ	Jali Regular & Dome Handle	DOME	620 X 400 X 120
	JBCS64120DW	Jali Bottom Closed Small Square Bottom & Flat Handle	FLAT	620 X 400 X 120
	JBCSD64120DW	Jali Bottom Closed Small Square Bottom & Dome Handle	DOME	620 X 400 X 120
	CCC64120DW -always flat handle for criss cross stack	Complete Closed Criss Cross Bottom (with Flat Handle only)	FLAT	620 X 400 X 120
64160	CCS64160DW	Complete Closed Small Square Bottom & Flat Handle	FLAT	620 X 400 X 160
	CCFD64160DW	Complete Closed Flat Bottom & Dome Handle	DOME	620 X 400 X 160
	CCF64160DW	Complete Closed Flat Bottom	FLAT	620 X 400 X 160
	CCFD64160DW	Complete Closed Small Square Bottom & Dome Handle	DOME	620 X 400 X 160
	CCC64160DW	Complete Closed Criss Cross Bottom (Always Flat Handle)	FLAT	620 X 400 X 160
64175	CCSD64175DW	Complete Closed Small Square Bottom & Dome Handle	DOME	600 X 400 X 175
	CCS64175DW	Complete Closed Small Square & Flat Handle	FLAT	600 X 400 X 175
	CCFD64175DW	Complete Closed Flat Bottom & Dome Handle	DOME	600 X 400 X 175
	CCF64175DW	Complete Closed Flat Bottom & Flat Handle	FLAT	600 X 400 X 175
	CCC64175DW -always flat handle for criss cross stack	Complete Closed Criss Cross Bottom (with Flat Handle only)	FLAT	600 X 400 X 175

All Crates are available with criss cross / small square & flat bottoms except 64160 which is available with small square bottom

IN BUILD HANDLE CRATES

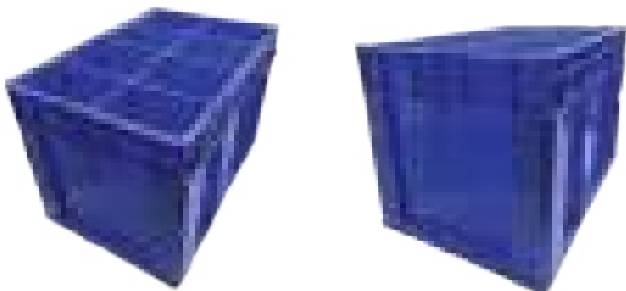


Available versions : 800x600
Available heights (in mm.) : 230

AUTOMATION CRATES/ SORTERS CRATES



Available Version : 600x400
Available height(in mm.) : 300/ 540



Available versions : CC / CH / CHF/ CHT (600X400/ 400X300)
Available height(in mm.) : 180 / 325/ 350/ 400

BAGGAGE TRAYS

These crates are specially designed Baggage Trays to hold mobiles, laptops, bags, purses etc. at checking points of hotels/malls/airports.



Model : RMC342560
(For Mobiles, Wallets etc.)
Capacity : 10 kgs.
O.D : 340 (L) X 250 (B) x 60 (H) mm.



Model : RMC493580
(For Laptops, Purses etc.)
Capacity : 25 kgs.
O.D : 485 (L) X 353 (B) x 80 (H) mm.



Model : RMC8157230 (For Baggage)
Capacity : 25 kgs.
O.D : 805 (L) X 570 (B) x 235 (H) mm.



Model : RMC7853230 (For Baggage)
Capacity : 25 kgs.
O.D : 790 (L) X 550 (B) x 218 (H) mm.



Model : RMC3020096
Capacity : 0.525 Kg
O.D : 300 (L) x 200 (W) x 096 (H) mm



Model : RMC4831096
Capacity : 1.1 Kg
O.D : 485 (L) x 310 (W) x 096 (H) mm



Model : RMC5040080
Capacity : 1.3 Kg
O.D : 500 (L) x 400 (W) x 080 (H) mm

JUMBO CRATES

These high capacity stackable crates made from food grade HDPE are ideal for a large variety of storage applications across industries. Commonly used in industries such as Fisheries, Bakery, Catering as well as Engineering. Nilkamal also offers the Double Wall Jumbo Crates for heavy duty usage in Fisheries. The double wall offers extra protection as well as withstands rigorous usage.



CC Version : Complete Closed



CH Version : Closed with Handle



JBC Version : Jali Bottom Closed
(Also available **LW : Low Weight**)



JR Version : Jali (Perforated) Regular



DW Version : Double Wall



LID6545000 With Locking Clips

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
6545195	CC / CH / JBC / JR	650 X 450 X 195	610 X 405 X 185
6545205	CC / CCF / CH / CHF / JBC / JR	650 X 450 X 205	610 X 405 X 195
6545210	CC / CH / JBC / JR	650 X 450 X 210	610 X 405 X 200
6545315	CC / CCF / CH / CHF / JBC / JR / DW / JBC LW / JBC NBLW JR NBLW	650 X 450 X 315	610 X 405 X 305
6545480	CC / CCF / CH / CHF / JBC / JR	650 X 450 X 480	610 X 405 X 470



GIANT CRATES

Made from food grade HDPE, Nilkamal Giant Crates are stackable, easy to clean and free from maintenance and have a huge capacity of 163 litres. Ideal choice for fruits, flowers and vegetable transportation, Nilkamal Giant Crates also find application in various industries such as light engineering, textiles, garments and many others. Can also be fitted with wheels.



CH Version : Closed with Handle (With wheels : Optional)

LID85000 : Roto Molded Lid for Giant Crates



CC Version : Complete Closed



JBC Version : Jali Bottom Closed



JR Version : Jali (Perforated) Regular



Model : 85425 Available Versions : CC / CH / JBC / JR / W •Outer Dimensions : (L x B X H in mm.) : 810 X 568 X 425 •Inner Dimensions : (L x B X H in mm.) : 763 X 521 X 410

CONDUCTIVE CRATES

Nilkamal Conductive crates are made from specially permanent blended raw material which prevents or dissipates electric charges. They are highly recommended for the industries which are handling and using highly sensitive electronics components. The excellent characteristics of the material are highly regarded in Electronics / Electrical / Mechanical Engg., Data Processing, Mining Ammunition & in explosive manufacturing industries. All types of packaging & handling equipment manufactured, gives the necessary protection, particularly for modern electronic components, complete modules and assembled printed circuit boards & other static sensitive devices (SSD). Nilkamal has a wide range of crates, PCB holders, PCB crates, Injection Molded crates, lids & FPO crates.

Basic Material : Polypropylene Copolymer (PPCP) • Conductive Additive : Carbon Black • Color : Black Working Temperature : Approx. 80-900C(Continuous), Approx. 100-1100C (Short Term) • Surface Resistance : <=105 Ohms cm Volume Resistance : <=105 Ohms cm • No Migration of corrosive substance Aging Behavior : No Derating of Conductivity Outstanding Ultraviolet Resistance

Note : We also manufacture antistatic products



MAX CRATES :

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
32100CON	CC	300 x 200 x 100	265 x 165 x 95
32150CON	CC	300 x 200 x 150	265 x 165 x 145
32200CON	CC	300 x 200 x 200	265 x 165 x 195
43090CON	CC	400 x 300 x 90	365 x 265 x 85
43120CON	CC	400 x 300 x 120	365 x 265 x 115
43175CON	CC	400 x 300 x 175	365 x 265 x 170
43220CON	CC	400 x 300 x 220	365 x 265 x 215
43320CON	CC	400 x 300 x 320	365 x 265 x 315
53100CON	CC / CCF	500 X 325 X 100	465 X 290 X 90
53200CON	CC	500 X 325 X 200	465 X 290 X 190
53250CON	CC	500 X 325 X 250	465 X 290 X 240
64120CON	CC	600 X 400 X 120	565 X 365 X 115
64175CON	CC	600 X 400 X 175	565 X 365 X 170
64220CON	CC / CH	600 X 400 X 220	565 X 365 X 215
64285CON	CC	600 X 400 X 285	565 X 365 X 280
64320CON	CC	600 X 400 X 320	565 X 365 X 315
64375CON	CC	600 X 400 X 375	565 X 365 X 370
LIDS FOR THE ABOVE SERIES CRATES (LID32000 + LID43000 + LID53000 + LID64000) ALSO AVAILABLE IN CONDUCTIVE SERIES			

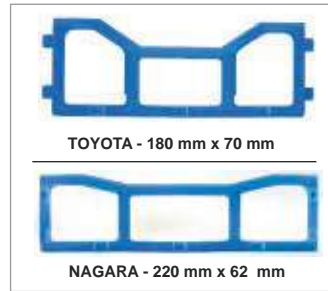
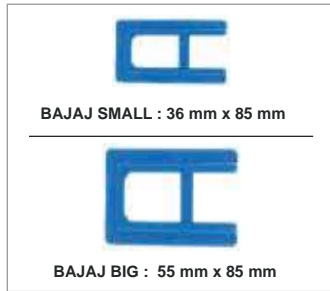
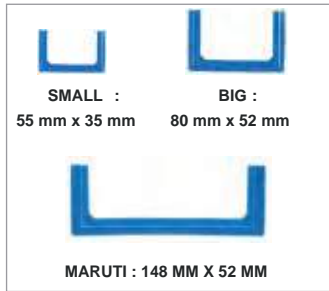
FRONT PARTLY OPEN CRATES :

Model	Available Versions	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
FPOCRATE1CON	FPO	95 x 102 x 52	61 x 100 x 50
FPOCRATE1PCON	FPO	95 x 102 x 52	61 x 100 x 50
FPOCRATE5CON	FPO	160 x 115 x 80	120 x 100 x 75
FPOCRATE15CON	FPO	200 x 125 x 100	160 x 105 x 190
FPOCRATE25CON	FPO	230 x 150 x 125	180 x 130 x 115
FPOCRATE35CON	FPO	300 x 210 x 160	275 x 204 x 149
FPOCRATE45CON	FPO	350 x 210 x 200	305 x 190 x 190
MAXCRATE20CON	MAX	230 x 130 x 125	-----
MAXCRATE30CON	MAX	300 x 180 x 145	-----
MAXCRATE40CON	MAX	450 x 180 x 145	-----
MAXCRATE47CON	MAX	295 x 365 x 145	-----
DWMAX20CON	MAX	110 (L) x 110 (H)	-----
DWMAX30/40CON	MAX	155 (L) x 125 (H)	-----
PCBPANELCON	PCB	-----	-----

ACCESSORIES

NILKAMAL brings three decades of experience into designing plastic accessories which enhance the value of the crates in a speciality / dedicated application otherwise difficult to achieve. Standardising these accessories has helped in giving economic & quick solutions to the customer's Material Handling Problems. We are sure that these accessories will give you a perfect solution for your needs.

LABLE HOLDERS :



'L' TYPE SPACERS



ACRYLIC LABLE HOLDERS



ACRYLIC FLAPS



HANDLE ACCESSORIES



Complete Closed Handle With Grip



PVC Rod with hinges with provision for removing the rod in crates



Welded And Screwed Handles provided for lifting the crates (in complete closed models)

CLOSING COVERS



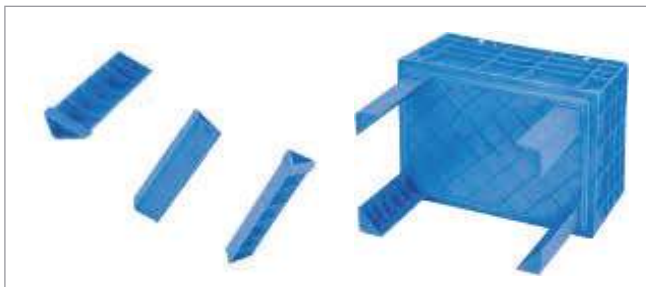
Closing Cover used as a cover for crate

SOFT / HARD FOAM



Soft & hard foam used in crates for delicate components like tail lamp, head lamp etc

LEGS



Legs : For support in special applications

'U' TYPE CHANNEL



'U' TYPE CHANNEL for 3 & 5 mm. removable partitions

ROTO MOLDED CRATES

Roto Moulded Crates are specially used for heavy components and tough applications. Nilkamal roto moulded crates are manufactured using advanced processes and with innovative designs to suit the needs of a demanding industry. Large sized crates are used in the textile industry for applications in spinning, fabric processing, weaving, dyeing and texturizing.



MODELS AVAILABLE :

Model	Outer Dimensions (L x B X H in mm)	Capacity (approx.)
RMC342560	340 x 250 x 60	10 Kgs
RMC43150	400 X 300 X 150	14 Litres
RMC43175	400 X 300 X 175	16 Litres
RMC43220	400 X 300 X 220	20 Litres
RMC4828230	480 X 280 X 230	22 Litres
RMC493580	485 x 353 x 80	25 Kgs
RMCOR6125350	615 X 255 X 350	40 Litres
RMC6429340	645 X 295 X 340	40 Litres
RMC5236325	525 X 365 X 325	50 Litres
RMC7842215	775 X 420 X 215	51 Litres
RMC64285	600 X 400 X 285	60 Litres
RMC9855150	980 X 550 X 140	61 Litres
RMC7853230	780 X 530 X 230	65 Litres
RMC64320	600 X 400 X 320	70 Litres
RMC9055150	900 X 550 X 150	70 Litres
RMC5941380	595 X 410 X 380	75 Litres
RMC64375	600 X 400 X 375	80 Litres
RMC5941440	595 X 410 X 440	90 Litres
RMC6046500	600 X 460 X 500	90 Litres
RMC6047420	600 X 470 X 420	103 Litres
RMC86235	800 X 600 X 235	105 Litres
RMC9745315	975 X 450 X 315	115 Litres
RMC9746330	975 X 467 X 330	120 Litres
RMC6666312	665 X 665 X 312	125 Litres
RMC85330	810 X 568 X 330	127 Litres

Model	Outer Dimensions (L x B X H in mm)	Capacity (approx.)
RMC6041585	600 X 410 X 585	130 Litres
RMC6565370	650 X 650 X 370	135 Litres
RMC6666390	665 X 665 X 390	150 Litres
RMC6564430	650 X 645 X 430	150 Litres
RMC13045315	1300 X 450 X 315	155 Litres
RMC84640	815 X 410 X 640	190 Litres
RMC8242640	820 X 420 X 640	200 Litres
RMC86445	800 X 600 X 445	205 Litres
RMC8254540	820 X 545 X 540	220 Litres
RMC8256600	820 X 565 X 600	250 Litres
RMC8259660	820 X 590 X 660	265 Litres
RMC9462520	948 X 628 X 520	300 Litres
RMC1171675	1100 X 710 X 675	410 Litres
RMC9875710	980 X 750 X 710	450 Litres
RMC11476635	1140 X 760 X 635	550 Litres

ROTO ELECTROPLATING PICKLING CRATES (REPC) :

Model	Outer Dimensions (L x B X H in mm)	Capacity (approx.)
REPC400	1025 X 660 X 645	400 Litres
REPC950	1220 X 1070 X 830	950 Litres
REPC1450	1830 X 1080 X 780	1450 Litres

Product list not exhaustive

ROTO MOLDED CRATES

Nilkamal Roto Moulded Crates have a specially reinforced bottom to withstand rough handling on the shop floor. We have also successfully introduced roto moulded crates with palletized bottom for easy handling with MHE, as well as extra large sizes to handle large volumes. Our Doff Crates also find widespread acceptance in the textile industry throughout India.

ROTO MOLDED CRATES WITH TROLLEY (RMCT) :

RMCT400	1025 X 660 X 645	400 Litres
RMCT480	900 X 750 X 750	480 Litres
RMCT650	1195 X 750 X 760	650 Litres
RMCT950	1220 X 1070 X 830	950 Litres
RMCT1200	1530 X 1070 X 770	1200 Litres
RMCT1450	1830 X 1080 X 780	1450 Litres
RMCT1600	1655 x 1220 x 1030	1600 Litres



SPECIALIZED CRATES : CUSTOMIZED FABRICATED CRATES :

Symmetrical partition for instant visual inspection



Asymmetrical partition for engine / components assembly units



AUTOMOBILE CRATES :



Model	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
86120	800 x 600 x 120	767 x 567 x 109
86230	800 x 600 x 230	767 x 567 x 219
86340	800 x 600 x 340	767 x 567 x 330
86450	800 x 600 x 450	767 x 567 x 440
124120	1200 x 400 x 120	1168 x 365 x 108
124230	1200 x 400 x 230	1167 x 365 x 218

CHC : Closed with Handle & Criss Cross Bottom

Nilkamal introduces a new Tablet Container for pharmaceutical industry. This container can be used to store tablet powder & capsules. It comes with 'No Ribs' on the body, hence cleaning becomes easy.

Model : RCRDCON120L1
 Top Dia. : 510 mm.
 Bottom Dia. : 495 mm.
 Height : 640 mm.
 Capacity : 120 ltrs.
 Colors : White & Blue
 Also available in :
 50 litres (50L) & 100 litres (100L)

LID : RCRDLID120L1
 Outside Dia. : 560 mm. • Height : 45 mm.
 Total Height : 650 mm.(Container + Lid)

PLASTIC MILK CANS

FEATURES

- Hygienic food grade industrial HDPE material
- Light-weight easy-to-wash & clean, rust free & 100% maintenance free.
- Best for material handling in cold storage
- Ideal for storage & transportation of soft items like milk pouches
- Optimum utilisation of space during storage & transportation due to stackability

ROTO MOULDED MILK CANS

Nilkamal's rotationally moulded hygienic milk cans have proven successful with dairy farmers for their superior design characteristics and handling ability.



Model : RMILKCANDL20
O.D. : 300 (Diameter) x 425 (H) MM.

Handles are solid ▶
and much stronger,
round and smooth
for easy gripping



Model : RMILKCANDL40
O.D. : 350 (Diameter) x 627 (H) MM.



MODEL : RMILKCANDL50
O.D. : 355 (Diameter) x 715 (H) MM



- Mouth Opening Diameter : 200 mm.
- Double layered with white inside
- Minimum bottom groove for easier & faster cleaning
- Smooth mouth for easy cleaning & hence does not allow dust to settle



Model : RLIDMILKCAN40
O.D. : 275 (Diameter) x 50 (H) MM.

- 1 Slots in lid facilitate sealing arrangement through a thread / rope woven through the slots and handles of the can. Lid can also be tied to the can handle in the same way to prevent its misplacement.
- 2 Extra Rib for stacking
- 3 Stackable due to matching ribs on lid and bottom
- 4 Stronger bottom due to special rib-on-rib design. It has a ridge for easy gripping while emptying the can.

BLOW MOULDED MILK CANS

FEATURES

- Mouth Opening Diameter : 200 mm.
- Double layered with white inside
- Minimum bottom groove for easier & faster cleaning
- Smooth mouth for easy cleaning & hence does not allow dust to settle



Model : BMILKCAN5L
Capacity : 5 Litres



Model : BMILKCAN10L
Capacity : 10 Litres



Model : BMILKCAN15L
Capacity : 15 Litres



Model : BMILKCAN20L
Capacity : 20 Litres



LID FOR BLOW MOLDED MILK CAN
Model : BMILKCANLIDWHT

Abbreviations : R : Roto Moulded • B : Blow Molded • O.D. : Outside Dimensions (All dimensions & capacities are approximate)

SHOPPING BASKET & TROLLEY

Nilkamal's Shopping Baskets used to pick up required products from the display racks & carry it to the cash counter.

FEATURES

- Strong & sturdy expandable metal / plastic handle
- Smooth movement of wheel



Model : SBTR50WH

Top Dimension OD : 557 (L)x 392 (W)
 Bottom Dimension OD : 420 (L) x 270 (W)
 Capacity : 52 Ltrs



Model : SB25

O. D : 443 (L) x 335 (B) x 277 (H) mm.
 I.D : 392 (L) x 282 (B) x 265 (H) mm.



Model : SB26

O. D : 447 (L) x 344 (B) x 282 (H) mm.
 I.D : 435 (L) x 322 (B) x 275 (H) mm.



MAINTENANCE PRODUCTS :

Behind every efficient system, there is an efficient maintenance. Keeping the system running. Ensuring that the bits and bolts are always found when and where they are wanted. Tools and spare parts for repairs and replacement. All very organized and easy to access. Nilkamal's range of Tool Storage Cabinets. Organized spaces for tools, Nilkamal's FPO and Max crates. Easy to organize, easy to access, while Nilkamal's Caster wheels keep things moving. Nilkamal's Flexi Rack Universal Storage System. Organize your space, your way.



Tool Storage Cabinets - Shop Floor Application



Front Partly Open Crates



MAX Crates

FRONT PARTLY OPEN (FPO) CRATES



FPO CRATE1



FPO CRATE1P



FPO CRATE5



FPO CRATE15



FPO CRATE25



FPO CRATE35



FPO CRATE45



FPO CRATE50



Model	Outer Dimensions (L x B X H in mm)	Inner Dimensions (L x B X H in mm)
FPO CRATE1	95 X 102 X 52	61 x 100 x 50
FPO CRATE1P	95 X 102 X 52	61 x 100 x 50
FPO CRATE5	160 x 115 x 80	120 x 100 x 75
FPO CRATE15	200 x 125 x 100	160 x 105 x 190
FPO CRATE25	230 x 150 x 125	180 x 130 x 115
FPO CRATE35	300 x 210 x 160	275 x 204 x 149
FPO CRATE45	350 x 210 x 200	305 x 190 x 190
FPO CRATE50	515 x 310 x 200	425 x 282 x 187

FRONT PARTLY OPEN (FPO) CRATES



FS-SS (Single Sided) & FS-DS (Double Sided) • Table Top Stands for FPO5 & FPO15 • FPO5 : 6 Channels - 5 Vertical x 6 Horizontal = 30 Nos. on FS-SS & 60 Nos. on FS-DS
FPO15 : 5 Channels - 5 Vertical x 5* Horizontal = 25 Nos. on FS-SS & 50 Nos. on FS-DS • * Also possible to accommodate 6 pcs. horizontally per channel per side
Stand Dimensions : 725 mm. (Width) x 685 mm. (Height) x 450 mm. (Depth)



FS-SS (Single Sided) & FS-DS (Double Sided) Stands for FPO CRATE25, 35 & 45 (Also available with Castors - Optional)
FPO25 : 7 Channels - 7 Vertical x 9 Horizontal = 63 Nos. on FS-SS & 126 Nos. on FS-DS • **FPO35 :** 6 Channels - 6 Vertical x 6 Horizontal = 36 Nos. on FS-SS & 72 Nos. on FS-DS
FPO45 : 5 Channels - 5 Vertical x 6 Horizontal = 30 Nos. on FS-SS & 60 Nos. on FS-DS • **Stand Dimensions :** 1410 mm. (Width) x 1550 mm. (Height) x 740 mm. (Depth)



MOUNTING OF FPO CRATES ON LOUVRE PANEL

Model No. : MLP4545 (457 X 457 MM)				
FPO5 3*X4 ^o =12	FPO15 3*X4 ^o =12	FPO25 3*X3 ^o =9	FPO35 2*X3 ^o =6	FPO45 2*X2 ^o =4
Model No. : MLP4561 (457 X 610 MM)				
FPO5 3*X5 ^o =15	FPO15 3*X5 ^o =15	FPO25 3*X4 ^o =12	FPO35 2*X4 ^o =8	FPO45 2*X3 ^o =6
Model No. : MLP4591 (457 X 915 MM)				
FPO5 3*X8 ^o =24	FPO15 3*X8 ^o =24	FPO25 3*X6 ^o =18	FPO35 2*X5 ^o =10	FPO45 2*X4 ^o =8
Model No. : MLP45183 (457 X 1830 MM)				
FPO5 3*X16 ^o =48	FPO15 3*X16 ^o =48	FPO25 3*X12 ^o =36	FPO35 2*X9 ^o =18	FPO45 2*X8 ^o =16



MAXCRATE10
O.D. : 173 (L) x 96 (B) x 86 (H) mm.



MAXCRATE20
O.D. : 230 (L) x 130 (B) x 125 (H) mm.
(Takes up to 3 dividers widthwise)



MAXCRATE30
O.D. : 300 (L) x 180 (B) x 145 (H) mm.
(Takes 1 divider lengthwise & up to 3 dividers widthwise)



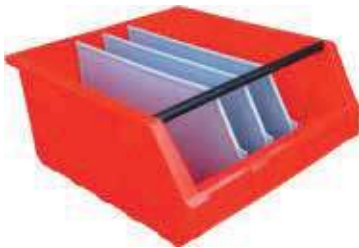
MAX CRATE40
O.D. : 450 (L) x 180 (B) x 145 (H) mm.
(Takes 1 divider lengthwise & 7 dividers widthwise)



MAX CRATE47
O.D. : 295 (L) x 365 (B) x 145 (H) mm.
(Takes 3 dividers lengthwise)



MAXCC65
O.D. : 377 (L) X 416 (B) X 180 (H) mm.
(Takes up to 3 dividers lengthwise)



MAXCRATE70
O.D. : 450 (L) x 410 (B) x 215 (H) mm.
(Takes 3 dividers lengthwise)



MAXCC75
O.D. : 470(L) x 420(B) x 293(H) MM
I.D. : 436(L) x 375(B) X 282(H) MM Effective Height : 160 MM

Typical MAX Crate with
Dust Cover and Flap



Close up of Dust
Cover And Flap



Model : DWMAX20
Width wise Dividers
suitable for MAX Crates 20



Model : DWFBMAX30/47
Divider Lengthwise
For Max Crate 30 & 47



Model : DWFBMAX40
Divider Lengthwise
For Max Crate 40



Model : DWFBMAX70
Divider Lengthwise
For Max Crate 70



Model : DWMAX30/40
Width wise Dividers
for MAX Crates 30/40



Model : DUSTCOVER30
Dust Cover For Max Crate 30



Model : DUSTCOVER40
Dust Cover For Max Crate 40



Model : FLAPMAX10



Model : FLAPMAX10/30/40

LOUVRE PANELS



MLP4545

O.D. : 457 (W) x 457 (H) mm.
Table Top Unit with Rod Stand
& Wall Mounted also available



MLP4591L2DS2

O.D. : 457 (W) X 910 (H) mm
(Double Sided with 2 legs)
(Also available with Table Top)



MLP45183

O.D. : 457 (W) X 1830 (H) mm
(Also available with legs on
Single & Dual Sided Stand)



MLP4561

O.D. : 457 (W) x 610 (H) mm.
Wall Mounted & Table
Top Unit also available

MOUNTING OF MAX CRATES ON LOUVRE PANEL

	MAX 10	MAX 20	MAX 20
MLP4545 (457 x 457 MM)	16 nos.	9 nos.	6 nos.
MLP4561 (457 x 610 MM)	20 nos.	12 nos.	8 nos.
MLP4591 (457 x 915 MM)	32 nos.	18 nos.	12 nos.
MLP45183 (457 x 1830 MM)	60 nos.	36 nos.	24 nos.

	MAX 40	MAX 47	MAX 70
MLP4545 (457 x 457 MM)	6 nos.	3 nos.	2 nos.
MLP4561 (457 x 610 MM)	8 nos.	4 nos.	3 nos.
MLP4591 (457 x 915 MM)	12 nos.	6 nos.	4 nos.
MLP45183 (457 x 1830 MM)	24 nos.	9 nos.	8 nos.

TOOL STORAGE CABINETS

Nilkamal Tool Storage Cabinets are the ideal solutions for organized storage of your shop floor tools. You can store your tools without mix-ups, thus saving in shop floor usage. The systems are lockable, protecting your valuable tools against pilferage. **Nilkamal Tool Storage Cabinets** give you easy access to all tools stored; small items at the rear can also be easily accessed. The drawers are completely divisible to suit individual applications. Space saving, as you can store small components in high density. Movable models are also available.



Model : **NKTC333-X**
 Overall Dimensions : 712 x 440 x 694 mm.
 Dimensions With Castors : 712 x 440 x 814 mm.
 Package : 746 x 462 x 348 mm.
 2 drawers : 570 x 395 x 60 mm.



Model : **NKTBS-L4006-X**
 Overall Dimensions : 426 x 458 x 844 mm.
 Package : 495 x 525 x 910 mm.
 5 drawers : 313 x 406 x 74.5 mm.
 1 drawer : 313 x 406 x 311.5 mm.



Model : **NKTB8308D-X**
 Overall Dimensions : 1412 x 745 x 662 mm.
 Package : 1474 x 838 x 837 mm.
 Top tray area : 1391 x 733 x 111.5 mm.
 2 drawers : 371 x 675 x 79 mm.
 2 drawers : 371 x 675 x 121 mm.
 2 drawers : 777 x 675 x 79 mm.
 2 drawers : 777 x 675 x 121 mm.



Model : **NKTB8312-DX**
 Overall Dimensions : 1412 x 745 x 947 mm.
 Package : 1474 x 838 x 1280 mm.
 Dimensions With Castors : 1412 x 745 x 1176 mm.
 1 drawer : 1229.5 x 675 x 123 mm.
 3 drawers : 371 x 675 x 79 mm.
 1 drawer : 371 x 675 x 107 mm.
 1 drawer : 371 x 675 x 275 mm.
 3 drawers : 777 x 675 x 79 mm.
 2 drawers : 777 x 675 x 107 mm.
 1 drawer : 777 x 675 x 163 mm.



Model : **NKTBR5008-X**
 Overall Dimensions : 910 x 550 x 947 mm.
 Dimensions With Castors : 910 x 550 x 1095 mm.
 Package : 990 x 640 x 1115 mm.
 4 drawers : 790 x 479 x 53 mm.
 3 drawers : 790 x 479 x 109 mm.
 1 drawer : 790 x 479 x 221 mm.



Model : **NKTBR-L4007**
 Overall Dimensions : 680 x 458 x 856 mm.
 Dimensions With Castors : 680 x 458 x 995 mm.
 Package : 749 x 520 x 935 mm.
 5 drawers : 570 x 406 x 74.5 mm.
 2 drawers : 570 x 406 x 153.5 mm.



Model : **NKTBS-L4007-X**
 Overall Dimensions : 426 x 458 x 844 mm.
 Package : 495 x 525 x 910 mm.
 5 drawers : 313 x 406 x 74.5 mm.
 2 drawers : 313 x 406 x 153.5 mm.

TBR : Roller Cabinet with Castors ●TBS: Tool Cabinet with Slide ●TBT : Tool Cabinet Top Chest ●TC : Tool Cart ●L : New Drawer Structure ●X : With Ball Bearing Slide (All Dimensions are approximate)

MODULAR CRATES & RACKS :

Modular storage crates and Electro Conveyance Crates are widely used in Electronics and Electrical industry for storage and movement .



Model : HMTR
 (Horizontal format with modular storage crate 275 / 300) (24 nos. each)
 O.D. 910 (L) X 320 (B) X 615 (H) MM.
(Also available without castors)



Model : VMTR
 (Vertical format with modular storage crate 275 / 300) (24 nos. each)
 O.D 500 (L) X 320 (B) X 1110 (H) MM.
(Also available without castors)



Modular Storage Crates



MODEL : 300 With Removable Partition
 With 3 Partitions & 4 Pockets (Also available Model : 275 with 1 partition & 2 pockets)

Electro Conveyance Crates



MODEL : ECC12
 Box Size : 230 (L) X 164 (B) X 154 (H) mm. • Drawer Size : 149 (L) X 72 (B) X 31(H) mm.

Modular Storage Crates & Modular Storage Racks



MODEL : CC8080
 O.D : 80 (L) X 80 (B) X 31(H) mm.



MODEL : CC16080
 O.D : 160 (L) X 80 (B) X 31 (H) mm.

(Each rack can accommodate 24 trays respectively)

RETURNABLES FOR REVERSE LOGISTICS

The 'win-win investment' that saves on packaging costs for automotives and ancillary OEMs. A lot of money can be saved if the packaging in which the goods are packed can be re-used. Nilkamal's returnable packing products are ideal money savers for goods that need to be transported over short distances. Nilkamal Vacuum Formed Crates and trays provide snug and rattle free protection during transport. PP Corrugated Boxes are foldable (rigid form optional) and can be re-used many times. Textile Packaging is ideal for scratch sensitive shiny components. Pallet Sleeve Boxes offer protection and an excellent dispatch to return ratio, paying for their cost many times over.



Vacuum formed crates for gears



PP corrugated boxes



Pallet sleeve systems - also available on rent

SPACE SAVING CRATES

STACKABLE & NESTABLE (SN) CRATES




Model : CH8045270SNBLU
 O.D. : 800 (L) x 450 (W) x 267 (H) in mm
 I.D. : 753.5 (L) x 403 (W) x 260 (H) in mm
 (CH : Closed with Handle)

545 MM.
990 MM.




Model : CH8855230SNBLU
 O.D. : 887 (L) x 558 (W) x 234 (H) in mm
 I.D. : 825 (L) x 501 (W) x 228 (H) in mm
 (CH : Closed with Handle)

350 MM.
420 MM.




Model : CH5838210
OUTSIDE DIMENSIONS 580 X 380 X 210 MM. (LXBXH)
INSIDE DIMENSIONS 553 X 353 X 205 MM. (LXBXH)
 (CH : Closed With Handle)




Model : JR5838210
OUTSIDE DIMENSIONS 580 X 380 X 210 MM. (LXBXH)
INSIDE DIMENSIONS 553 X 353 X 205 MM. (LXBXH)
 (JR : Perforated From Bottom & All Sides)
 Also Available In JBC




1130 MM.



Model : JR4645178
OUTSIDE DIMENSIONS 460 X 450 X 178 MM. (LXBXH)
INSIDE DIMENSIONS 410 X 407 X 168 MM. (LXBXH)
 (JR : Perforated From Bottom & All Sides)



Model : JR6238300
OUTSIDE DIMENSIONS 626 X 361 X 300 MM. (LXBXH)
INSIDE DIMENSIONS 590 X 345 X 293 MM. (LXBXH)
 (JBC : Perforated From All Sides & Bottom Closed)
 Also Available In CH / JR





840 MM.
1716 MM.



Model : CC3727130
OUTSIDE DIMENSIONS 370 X 270 X 130 MM. (LXBXH)
INSIDE DIMENSIONS 320 X 236 X 130 MM. (LXBXH)
 Available only in CC
 (CC : Complete Closed)



Model : CC 4030150
OUTSIDE DIMENSIONS 400 X 300 X 150 MM. (LXBXH)
INSIDE DIMENSIONS 350 X 266 X 149 MM. (LXBXH)
 Available only in CC
 (CC : Complete Closed)



Model : CH 63325
OUTSIDE DIMENSIONS 650 X 370 X 325 MM. (LXBXH)
INSIDE DIMENSIONS 485 X 300 X 295 MM. (LXBXH)
 Available only in CH version
 (CH: Complete Closed with Handle)

SPACE SAVING CRATES

FOLDABLE CRATES

These crates are specially designed for SPACE SAVING during reverse logistics. With the Nilkamal range of Foldable Crates, you are assured of highly durable and re-usable walls that ensure low replacement cost. Explore our different variants specially designed for various applications.

Any other colour subject to bulk quantity

350 Series



OUTSIDE DIMENSIONS 594 x 396 x 353 MM
INSIDE DIMENSIONS (L X B X H) 564 x 370 x 346 MM

Also available in
CC/CCC/CCT/JBC/JBCC/JBT

Any other colour subject to bulk quantity

350 Series



OUTSIDE DIMENSIONS 594 x 396 x 353 MM
INSIDE DIMENSIONS (L X B X H) 564 x 370 x 346 MM

Also available in
CC/CCC/CCT/JBC/JBCC/JBT

In Folding Position



UP TO 70% SPACE SAVING

Folded + Stacked Height : 324.0 MM
(*4 crate in folding position)

Stacking



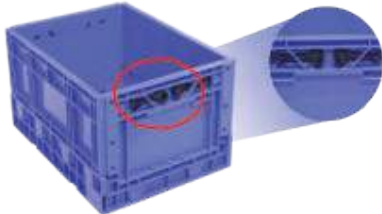
Open + Stacked Height : 1412 MM
(*4 crate in Stacking position)

Available in Various Bottom





Ribbed Bottom Cris Cross Bottom Textured Bottom



Quick Dismantling System

Crate Folding Height : 81.0 MM



Folded

400 X 300 SERIES FOLDABLE CRATE



600 X 400 SERIES FOLDABLE CRATE



800 X 600 SERIES FOLDABLE CRATE



MODEL	Folding Height	Available Version	Outer Dimensions	Inner Dimensions
64120FC	47mm	CC/CCC/CCT	594 (L) x 396 (B) x 118 (H)	564 (L) x 370 (B) x 111 (H)
64175FC	47mm	CC/CCC/CCT/JBC/JBCC/JBT	594 (L) x 396 (B) x 178 (H)	564 (L) x 370 (B) x 171 (H)
64190FC	47mm	CC/CCC/CCT/JBC/JBCC/JBT	600 (L) x 400 (B) x 190 (H)	568 (L) x 365 (B) x 181 (H)
64200FC	47mm	CC/CH/CCT/CHT	600 (L) x 400 (B) x 197 (H)	568 (L) x 365 (B) x 190 (H)
64230FC	54 mm	CC/CCC/CCT/JBC/JBCC/JBT	594 (L) x 396 (B) x 233 (H)	564 (L) x 370 (B) x 225 (H)
64350FC	81 mm	CC/CCC/CCT/JBC/JBCC/JBT	594 (L) x 396 (B) x 353 (H)	564 (L) x 370 (B) x 346 (H)
43120FC	47 mm	CC/CCC/CCT	394 (L) x 296 (B) x 118 (H)	368 (L) x 266 (B) x 111 (H)
43230FC	81 mm	CC/CCC/CCT/JBC/JBCC/JBT	394 (L) x 296 (B) x 233 (H)	368 (L) x 266 (B) x 226 (H)
CH86445FC	142 mm	CH	800 (L) x 600 (B) x 445 (H)	745 (L) x 545 (B) x 427 (H)

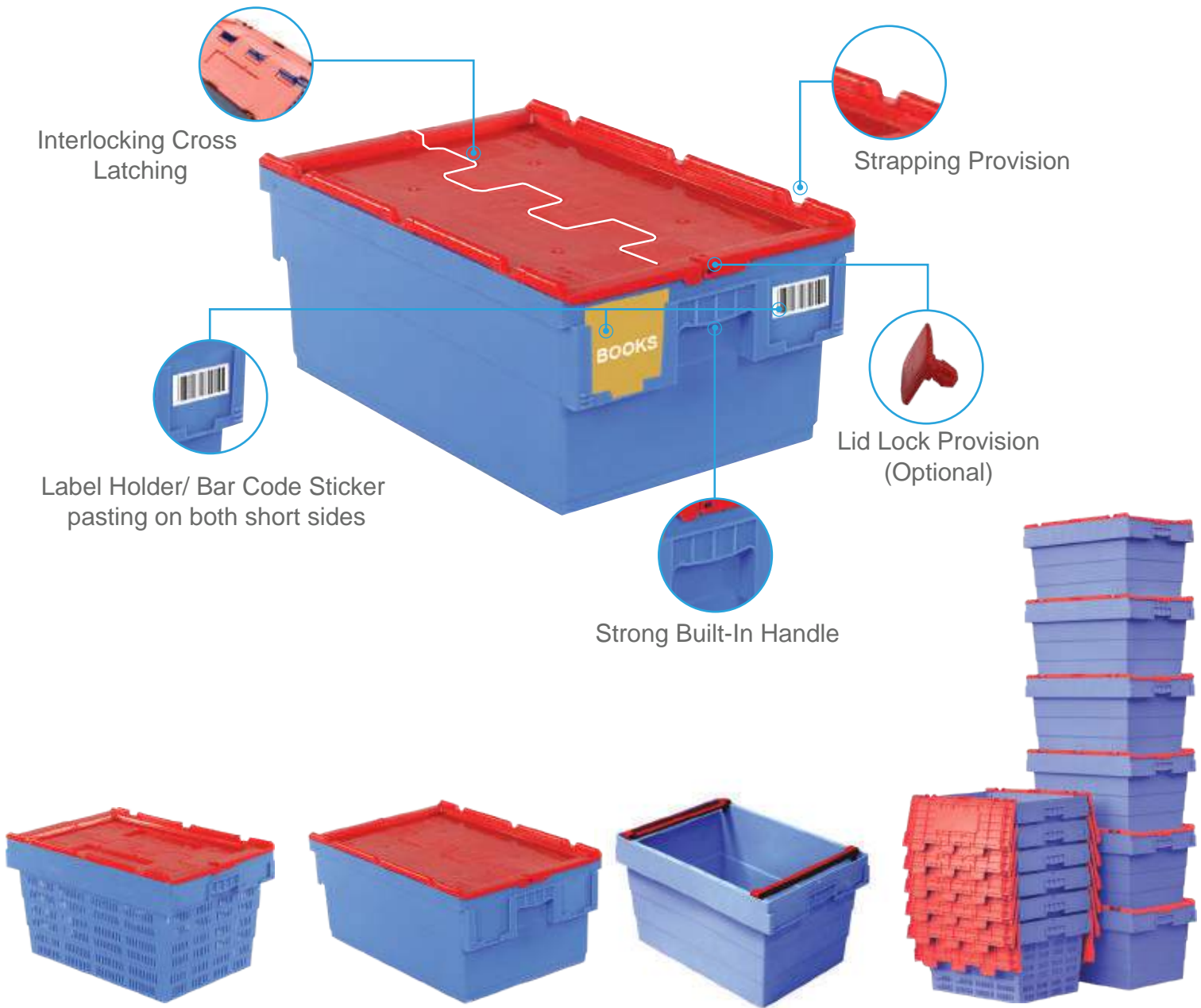
* All Designs applied for Registration

Abbreviations used : CC : Complete Closed CH : Closed with Handle CCC: Complete Closed with Cris Cross CCT: Complete Closed with Textured
CHT : Closed with Handle and Texture FC: Foldable Crate

SPACE SAVING CRATES

ATTACHED LID CRATES

Nilkamal introduces the Attached LID Crates (ALC), an ideal storage solution for closed-loop distribution or reverses logistics. ALC is nestable and stackable crates with two parts interlocking hinged lid, this protect your goods from dust and damage. Nilkamal ALC are designed to stack with the lid closed and nest when empty, thus saving precious space for you. Strong built-in and economically designed for easy handling. The locking eyelet provides a security option. Perfect for internal storage or Warehousing for Auto parts distribution centres, Supermarkets, Retails chain DCs, Logistics, Service Vehicles, File Storage and many more.



MODEL	Height	Available Version	Outer Dimensions	Inner Dimensions
400 X 300	210 MM	CC / CCT	400 (L) x 300 (B) x 210 (H) MM	365 (L) x 270 (B) x 198 (H) MM
400 X 300	270 MM	CC / CCT	400 (L) x 300 (B) x 270 (H) MM	365 (L) x 270 (B) x 259 (H) MM
400 X 300	295 MM	CC / CCT	400 (L) x 300 (B) x 295 (H) MM	365 (L) x 270 (B) x 284 (H) MM
600 X 400	250 MM	CC / CCT	600 (L) x 400 (B) x 250 (H) MM	550 (L) x 365 (B) x 245 (H) MM
600 X 400	300 MM	CC / CCT	600 (L) x 400 (B) x 300 (H) MM	550 (L) x 365 (B) x 295 (H) MM
600 X 400	320 MM	CC / CCF / JR / JBC / JBF	600 (L) x 400 (B) x 320 (H) MM	540 (L) x 370 (B) x 317 (H) MM
600 X 400	350 MM	CC / CCT	600 (L) x 400 (B) x 350 (H) MM	550 (L) x 366 (B) x 347 (H) MM
6238300	300 MM	CHF / CH / JR / JBC	628 (L) x 383 (B) x 300 (H) MM	595 (L) x 347 (B) x 294 (H) MM
43240DW	240 MM	CCT	400 (L) x 300 (B) x 240 (H) MM	365 (L) x 265 (B) x 235 (H) MM
64320BA	320 MM	CC / JBC / JR	600 (L) x 400 (B) x 320 (H) MM	538 (L) x 370 (B) x 317 (H) MM

* All Designs applied for Registration

Abbreviations used : • ALC : Attached Lid Crate • CC : Complete Closed with Ribbed Bottom • CCT: Complete Closed with Textured Bottom • CCF : Complete Closed with Flat Bottom • CHF : Closed with Handle & Flat Bottom • JBC : Jali with Closed Bottom • JBF : Jali with Flat Bottom • JR : Jali Regular

PP CORRUGATED FOLDABLE BOXES / CRATES

Flexible, lightweight and safe to handle. Can be folded multiple times, reusable. For movement of light weight but voluminous products.



Stackable Crate (with PVC profile)



Universal Foldable Box (201 Type)



Universal Foldable Box (with Full Flap , 203 Type)



TEXTILE PACKAGING SOLUTIONS :

Scratch sensitive parts and components such as glass, lights, mirrors and chrome plated components need special care in transport. Switch to Nilkamal's Textile Partition Systems to safely protect your most sensitive parts from damage. Our engineered designs offer maximum density through textile flexibility, allowing the most effective nesting of components and multiple part use. Following are the unique features :

- Little weight hence lifting with more products is possible within ergonomic restrictions reducing handling & transportation cost
- Thin (<1.0 mm.) hence lifting High density pack designs are possible.
- Maintains ideal balance between cost savings & durability
- Easy to keep odd-size products inside the textile partitions



Crate With Textile Partition with Double Layer



PP Crate (with Textile Partition)



PP Crate Fit Box (with Dust Cover)



Textile Fitment (with Close Pocket & Dust Cover)



Trolley With Textile Partition (Empty & Loaded)

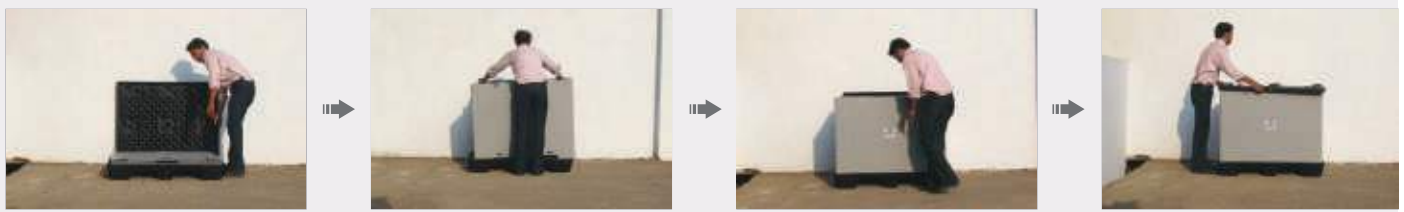
PALLET SLEEVE SYSTEMS - (Also Available On Rent)

Ideal system for maximizing space in return cycles. 100% recyclable. Saves space for return transportation.



Available sizes : 1200 x 800 mm. / 1200 x 1000 mm.

QUICK ASSEMBLING :



EASY DISMANTLING :



VACUUM FORMED CRATES

Custom shaped crates and trays for products that need protective packaging for transportation of valuable and innovative components for automotive industry across India.



Available in Pallet size moulds :



Available in Standard series crate fitments :



ROTO MOLDED PALLETISED CRATE

Storing huge quantities and suitable to handle with all kinds of manual pallet truck. Roto Moulded Crates have a specially reinforced bottom and long life



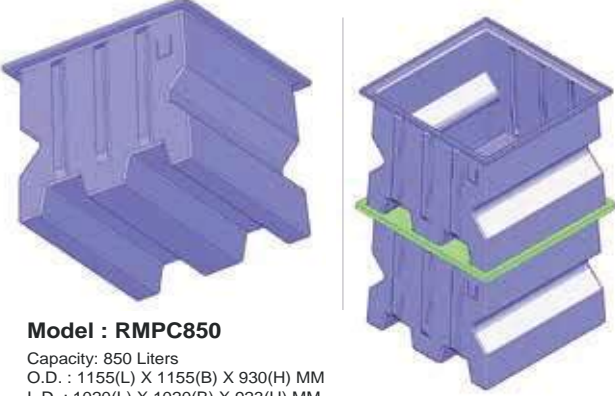
Model : RMPC320
Capacity: 320 Ltr
O.D. : 750 (L) X 805 (W) X 653 (H) MM
I.D. : 750 (L) X 805 (W) X 653 (H) MM



Model : RMPC500
Capacity: 500 Ltr
O.D. : 1300(L) x 1300(B) x 590(H) MM
I.D. : 1220(L) x 1220(B) x 380(H) MM



Model : RMPC1000
Capacity: 950 Ltr
Static Load: 500 KG
Dynamic Load: 500 KG
O.D. : 1220(L) x 1220(W) x 935(H) MM



Model : RMPC850
Capacity: 850 Liters
O.D. : 1155(L) X 1155(B) X 930(H) MM
I. D. : 1020(L) X 1020(B) X 923(H) MM



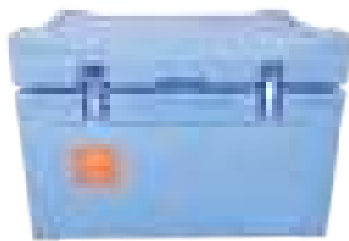
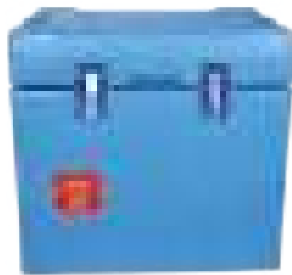
Model : RMPC415
Capacity: 415 Liters
O.D. : 840(L) X 840(B) X 730(H) MM
I. D. : 795(L) X 795(B) X 600(H) MM



Model : RMPCLID
Capacity: 415 Liters
O.D. : 840(L) X 840(B) X 730(H) MM
I. D. : 795(L) X 795(B) X 600(H) MM

Vaccine

Cold boxes and carriers



We Protect your product
Increase your storage
Improve your Labor Productivity
While enhancing Safety, Hygiene, & Ergonomics

ICE PACKS

Ice Packs are crucial to the maintenance of temperature over the prescribed distance and are tested rigorously conforming to W.H.O norms.



BIP-3



BIP-4



BIP-6

	BIP-3	BIP-4	BIP-6
Material	HDPE	HDPE	HDPE
Volume of Ice Packs	0.30 Litres	0.40 Litres	0.60 Litres
External Dimensions	163 x 90.5 x 33 mm	165 x 95 x 33 mm	190 x 121 x 35 mm
Weight Empty	75 gms	76 gms	114 gms
Weight Filled	370 gms	431 gms	650 gms
Performance : Conforming to WHO PQS Performance Specifications	WHO/PQS/E005/IP01.2	WHO/PQS/E005/IP01.2	WHO/PQS/E005/IP01.2



COLD VACCINE CARRIERS

An ISO 9001:2008 Company with a proven product range of insulated Products, Nilkamal has the expertise in manufacturing and supplying a wide range of vaccine carriers conforming to W.H.O norms. Our products are widely acclaimed for their sturdiness and durability.



Reinforced bottom



Conforming to W.H.O specifications complied



Easy to carry



ISO 9001, ISO 14001, ISO 45001, ISO 13485:2016 and CE certified



	BBVC-23	BCVC-43	BCVC-43A	BCVC-44B
Vaccine Storage Capacity	0.91 Ltrs.	1.534 Ltrs.	1.44 Ltrs.	1.48 Ltrs.
Weight Fully Loaded	2.4 Kgs.	4.9 kgs.	3.8 kgs.	3.32 Kgs.
Weight Empty (Without Icepacks)	1.3 kgs.	2.6 kgs.	1.62 kgs.	1.64 kgs.
External Surface Material	HDPE	HDPE	HDPE	HDPE
Internal Lining Material	HIPS	HIPS	HIPS	HIPS
Insulation Material	CFC-free Polyurethane	CFC-free Polyurethane	CFC-free Polyurethane	CFC-free Polyurethane
Insulation Thickness	35 - 45 mm	45 - 105 mm	40 - 100 mm	40 - 100 mm
External Dimensions (L x W x H cm) (Approx)	24.6 x 18 x 21.5	28 x 28 x 31.5	25.2 x 25.2 x 30.5	25.3 x 25.3 x 30.5
Internal Dimensions (L x W x H cm) (Approx)	17.4 x 10.5 x 12	16.5 x 16.5 x 20	16.5 x 16.5 x 16.5	16.3 x 16.3 x 16.4
Vaccine Storage Dimensions (L x W x H cm)	17.4 x 10.5 x 5	9.5 x 9.5 x 17	9.5 x 9.5 x 16	9.5 x 9.5 x 16.4
Lid Type & Fixing	Removable	Removable	Removable	Removable
No. of Ice packs required	2	4	4	4
No. of Ice packs supplied	2	4	4	4
Ice Pack type	WHO/PQS/E005/IP01.2	WHO/PQS/E005/IP01.2	WHO/PQS/E005/IP01.2	WHO/PQS/E005/IP01.2
Volume of Ice Packs	0.30 Ltrs.	0.30 Ltrs.	0.30 Ltrs.	0.40 Ltrs.
Size of Ice Packs	163 (L) x 90.5 (W) x 33 (H) cm	163 (L) x 90.5 (W) x 33 (H) mm	163 (L) x 90.5 (W) x 33 (H) mm	165 (L) x 95 (W) x 33 (H) cm
PERFORMANCE	Confirming to WHO specifications Cold Life Requirement as per WHO at 43° C without opening :	E004/VC01-VP.2	E004/VC01-VP.2	E004/VC01-VP.2
	Actual Cold life without opening at 43° C as tested	17 hrs. 50 min	41 hrs. 2 min	40 hrs.

COLD VACCINE CARRIERS



	BDVC-44	BCVC-46	BDVC-46
Vaccine Storage Capacity	1.7 Ltrs	2.736 Ltrs.	3.36 Ltrs.
Weight Fully Loaded	3.34 kgs.	6.4 kgs.	5.17 kgs.
Weight Empty (Without Icepacks)	1.65 kgs.	2.32 kgs.	2.51 kgs.
External Surface Material	HDPE	HDPE	HDPE
Internal Lining Material	HIPS	HIPS	HIPS
Insulation Material	CFC-free Polyurethane	CFC-free Polyurethane	CFC-free Polyurethane
Insulation Thickness	40 - 45 mm	28 - 58 mm	40 mm
External Dimensions (L x W x H cm) (Approx)	25.2 x 26.0 x 30.5	27 (W) x 27 (D) x 32 (H) cm	29.5 x 29.5 x 33.5
Internal Dimensions (L x W x H cm) (Approx)	17.0 x 17.0 x 16.4	19 x 19 x 19	20.2 x 20.2 x 19.4
Vaccine Storage Dimensions (L x W x H cm)	10.2 x 10.2 x 16.4	12 x 12 x 19	13.3 x 13.3 x 19.0
Lid Type & Fixing	Removable	Removable	Removable
No. of Ice packs required	4	4	4
No. of Ice packs supplied	4	4	4
Ice Pack type	WHO/PQS/E005/IP01.3	WHO/PQS/E005/IP01.3	WHO/PQS/E005/IP01.3
Volume of Ice Packs	0.40 Ltrs.	0.60 Ltrs.	0.60 Ltrs.
Size of Ice Packs	165 (L) x 95 (W) x 33 (H) mm	190(L) x 121 (W) x 35 (H) mm	190 (L) x 121 (W) x 35 (H) mm
PERFORMANCE	Confirming to WHO specifications Cold Life Requirement as per WHO at 43° C without opening :	E004/VC01-VP.2	E004/VC01-VP.2
	Actual Cold life without opening at 43° C as tested	38 hrs. 37 min	46 hrs. 23 min
			E004/VC01-VP.2
			49 hrs. 39 min

VACCINE COLD BOXES - SHORT RANGE

Vaccine Cold Boxes are stackable with re-inforced wall are tested rigorously conforming to W.H.O norms



Stackable



In-built handle for lifting



Integral, hinged lid with stopper



Rib-on-rib bottom



ISO 9001, ISO 14001, ISO 45001, ISO 13485:2016 and CE certified



W.H.O specifications complied



		RCB 324 SS	
Vaccine Storage Capacity		15 Ltrs.	
Weight Fully Loaded		33.85 kgs.	
Weight Empty (Without Icepacks)		12.2 kgs.	
External Surface Material		LLDPE	
Internal Lining Material		LLDPE	
Insulation Material		CFC-free Polyurethane	
Insulation Thickness		65 - 115 mm	
External Dimensions (L x W x H cm) (Approx)		65 x 65 x 37 cm	
Internal Dimensions (L x W x H cm) (Approx)		48 x 48 x 20	
Vaccine Storage Dimensions (L x W x H cm)		41 x 41 x 9	
Lid Type & Fixing		Integrated Hinged	
No. of Ice packs required		32	
No. of Ice packs supplied		32	
Ice Pack type		WHO/PQS/E005/IP01.3	
Volume of Ice Packs		0.40 Ltrs.	
Size of Ice Packs		165 (L) x 95 (W) x 33 (H) mm	
Confirming to WHO specifications Cold Life Requirement as per WHO at 43° C without opening :		E004/CB01-VP.3	
Actual Cold life without opening at 43° C as tested		53hrs. 36 min	

VACCINE COLD BOXES - LONG RANGE



	RCB 264 SL	RCB 424L	RCB 444L-A
Vaccine Storage Capacity	6 Ltrs.	12 Ltrs.	20.25 Ltrs.
Weight Fully Loaded	27.54 kgs.	41 kgs.	49.7 kgs.
Weight Empty (Without Icepacks)	13.25 kgs.	18.78 kgs.	20.52 kgs.
External Surface Material	LLDPE	LLDPE	LLDPE
Internal Lining Material	LLDPE	LLDPE	LLDPE
Insulation Material	CFC-free Polyurethane	CFC-free Polyurethane	CFC-free Polyurethane
Insulation Thickness	100 mm	100 mm	111 mm
External Dimensions (L x W x H cm) (Approx)	65 x 53 x 46	60 x 60.5 x 56.2	77 x 62 x 53.5
Internal Dimensions (L x W x H cm) (Approx)	40 x 27.8 x 20	34.4 x 33.3 x 34.5	51 x 36 x 27.5
Vaccine Storage Dimensions (L x W x H cm)	32 x 21 x 10	27 x 19.5 x 23	45 x 30 x 15
Lid Type & Fixing	Integrated Hinged	Integrated Hinged	Integrated Hinged
No. of Ice packs required	26	42	44
No. of Ice packs supplied	26	42	44
Ice Pack type	WHO/PQS/E005/IP01.3	WHO/PQS/ E005/IP01.3	WHO/PQS/E005/IP01.3
Volume of Ice Packs	0.40 Ltrs.	0.40 Ltrs.	0.40 Ltrs.
Size of Ice Packs	165 (L) x 95 (W) x 33 (H) mm	165 (W) x 95 (D) x 33 (H) mm	165 (L) x 95 (W) x 33 (H) mm
Confirming to WHO specifications Cold Life Requirement as per WHO at 43° C without opening :	E004/CB01-VP.3	WHO/PQS/E004/CB01-VP.3	E004/CB01-VP.3
Actual Cold life without opening at 43° C as tested	106 hrs.	170 hrs. 29 min	152 hrs. 28 min

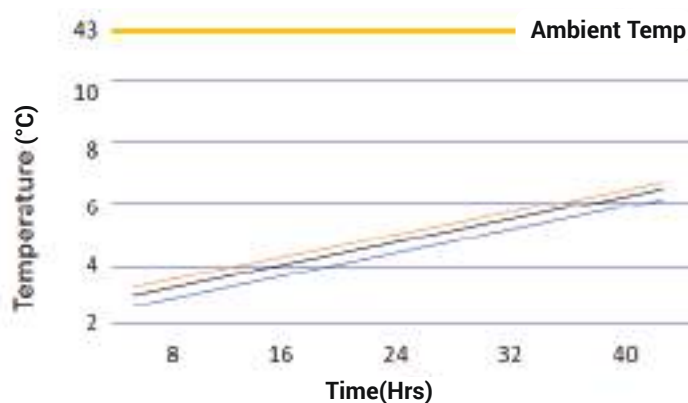
VACCINE COLD BOXES - LONG RANGE

	RCB 316L	RCB 444L	RCB 503L
Vaccine Storage Capacity	21.92 Ltrs.	23 Ltrs.	23.7 Ltrs.
Weight Fully Loaded	49.91 kgs.	38 kgs.	49.32 kgs.
Weight Empty (Without Icepacks)	19.15 kgs.	17 kgs.	19.15 kgs.
External Surface Material	LLDPE	LLDPE	LLDPE
Internal Lining Material	LLDPE	LLDPE	LLDPE
Insulation Material	CFC-free Polyurethane	CFC-free Polyurethane	CFC-free Polyurethane
Insulation Thickness	111 mm	111 mm	111 mm
External Dimensions (L x W x H cm) (Approx)	78.5 x 63.2 x 53.3	77.4 x 61.6 x 53	78.5 x 63.2 x 53.3
Internal Dimensions (L x W x H cm) (Approx)	54.2 x 38.6 x 28.5	52.8 x 38.2 x 28.2	53.5 x 39.2 x 28.6
Vaccine Storage Dimensions (L x W x H cm)	45.5 x 31.7 x 15.2	45 x 30 x 17	46.8 x 31.3 x 16.2
Lid Type & Fixing	Integrated Hinged	Integrated Hinged	Integrated Hinged
No. of Ice packs required	31	44	50
No. of Ice packs supplied	31	44	50
Ice Pack type	WHO/PQS/E005/IP01.3	WHO/PQS/E005/IP01.3	WHO/PQS/E005/IP01.3
Volume of Ice Packs	0.60 Ltrs.	0.40 Ltrs.	0.30 Ltrs.
Size of Ice Packs	190 (L) x 121 (W) x 35 (H) mm	165 (L) x 95 (W) x 33 (H) mm	163 (L) x 90.5 (W) x 33 (H) mm
Confirming to WHO specifications Cold Life Requirement as per WHO at 43° C without opening :	E004/CB01-VP.3	E004/CB01-VP.3	E004/CB01-VP.3
Actual Cold life without opening at 43° C as tested	145 hrs. 15 min	130 hrs.	131 hrs.

PERFORMANCE



FREEZE FREE VACCINE CARRIERS



No longer at a risk of freezing.



Protect the vaccine's potency.



Built-in barrier shields the vaccines from reaching negative temperatures and excessive heat.

	BCVC46LFF (LONG RANGE)	BCVC44LFF (SHORT RANGE)	BCVC46L1FF (LONG RANGE)
Vaccine Storage Capacity	1.51 Ltrs.	1.53 Ltrs.	2.1 Ltrs.
Weight Fully Loaded	7.6 kgs.	5.20 kgs.	6.66 kgs
Weight Empty (Without Packs)	3.76 kgs.	2.75 kgs.	3.00 kgs
External Surface Material	HDPE	HDPE	HDPE
Internal Lining Material	HIPS	HIPS	HIPS
Insulation Material	Polyurethane	Polyurethane	Polyurethane
Insulation Thickness	34 mm	34 mm	44 mm
External Dimensions (L x W x H cm) (Approx)	31.8 x 31.8 x 29.5	31.8 x 31.8 x 29.5	31.02 x 30.97 x 30.13
Internal Dimensions (L x W x H cm) (Approx)	9.50 x 9.50 x 16.80	9.50 x 9.50 x 16.80	10.98 x 10.97 x 18.60
Vaccine Storage Dimensions (L x W x H cm)	9.50 x 9.50 x 16.80	9.50 x 9.50 x 16.80	10.98 x 10.97 x 18.60
Lid Type & Fixing	Removable	Removable	Removable
No. of Ice packs required	4	4	4
No. of Ice packs supplied	4	4	4
Ice Pack type	WHO/PQS/ E005/IP01.3	WHO/PQS/ E005/IP01.3	WHO/PQS/ E005/IP01.3
Volume of Ice Packs	0.60 Litres	0.40 Litres	0.60 Litres
Size of Ice Packs	190 (W) x 121 (D) x 35 (H) mm	165 (W) x 95 (D) x 33 (H) mm	190 (W) x 121 (D) x 35 (H) mm
Confirming to WHO specifications Cold Life Requirement as per WHO at 43° C without opening :	WHO/PQS/E004/VC02-VP.1	WHO/PQS/E004/VC02-VP.1	WHO/PQS/E004/VC02-VP.1
Actual Cold life without opening at 43° C as tested	33 hrs 50 min	34 hrs 30 min	38 hrs. 26 min

PERFORMANCE

Disclaimer: Image and accessories shown may differ from the actual equipment. technical specifications are subject to change without any prior notice

NILKAMAL INDUSTRIAL PRINTING

Right Product For Your Future & Current Batch Coding Needs

Continuous Inkjet Printer



Thermal Transfer Overprinter



Thermal Inkjet Printer



- | | | |
|---|--|--|
|  <p>Simple Unipart Ink System with NO lock-out hours</p> |  <p>Flexible orientation</p> |  <p>Wide format Printing</p> |
|  <p>Easy to Replace, combo external filter unit up to 2 years of life</p> |  <p>Eco-drive, direct motor system</p> |  <p>Rugged build quality</p> |
|  <p>Modular design with plug & play serviceability</p> |  <p>Versatile Packaging integration</p> |  <p>Powerful data options</p> |
|  <p>Long Life, High Durable IP55 rated construction</p> |  <p>LVDS panel with powerful data options</p> |  <p>Structured self service inductive</p> |

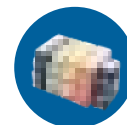
FIRST
LOCALISED. SEALED. DELIVERED.



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018



BIS Approved
R-71039110



IS 15495 Compliant Inks
Consumables Delivered
PAN India

GEO TAGGED 3D SERVICE SYSTEM
DISCIPLINE.DEDICATION.DETERMINATION



PAN INDIA
SERVICE NETWORK



24 HOURS
RESPONSE TIME



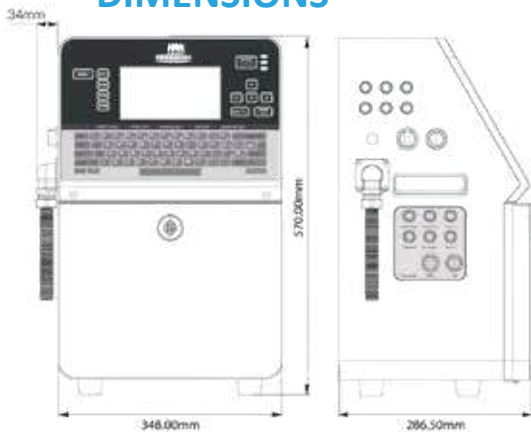
DEDICATED TOLL FREE LINE
AND DEFINED ESCALATION
METRIC

Machine configuration

	F530 Si	F560 Si	F580 pi
Nozzle	70/60 um	70/60/50/40 um	70/60 um
Maximum Vertical Drops	25	34	34
Multi- Language	●	●	●
Traversing Printing	●	●	●
90 Degrees Vertical Printing			●
IP55 Industrial Protection		●	●
Special Counter		●	●
USB Port	●	●	○
Serial Port	○	○	○
Duration Pump for Special Ink		○	●
Ink Recovery Pump	○	○	○
Positive Air Pump	○	○	●
Solvent Flush Pump	●	●	●
Dye Ink	●	●	●
Pigment Ink			●
High Speed Mode		○	○
Umbilical	Lenght: 2700mm Diameter: 21mm Bending Radius: 150mm		
Print Height	1.2-15 mm		
Max Printing Speed	25-320 m/min with 0.417mm print dot interval		
Printing Distance	2-15 mm		
Input System	Standard American Keyboard of WYSIWYG		
Print Font	5x5, 6x5, 7x4, 7x5, 9x7, 9x7 Bold, 11x9, 11x9 Bold, 16x11, 24x16, 32x24		
Operating Range	5-45 Deg C		
User Defined Field	Bar Code, QR Code, Logos, Clock, Counter, Classes, etc		
Electricity	100-240 VAC, 50HZ		
Power	120-150 W		
Net Weight	27kg		
Gross Weight with Complete Package	45kg		

Note: The "●" in the above table stands for "standard" , and the "○" stand for "optional"
 Product specification and design are subject to change without prior notice and may vary from those shown

DIMENSIONS



PRINTHEAD



MOULDED PLASTIC PALLETS

Nilkamal pallets are developed in close association with user industry and technological advances in material handling and storage systems. They meet environmental considerations are proven more economical in the long run, also improving storage and handling systems in the process. Nilkamal plastic pallets are easy to clean and handle and withstand commonly used chemicals, solvents and cleaning agents. This section gives detailed information about our range of Injection Moulded and Roto Moulded Pallets. You will find detailed lists of models, highlighting specific useful information about entry points and recommended mode of usage as well as detailed tabulations about foot prints and other relevant features.



3 Runner Injection Moulded Pallets - Rack Application



9 Leg Injection Moulded Pallets - Floor Application



Roto Moulded Pallets - Rack Application



AP0606 - Floor Application



Spill Pallets

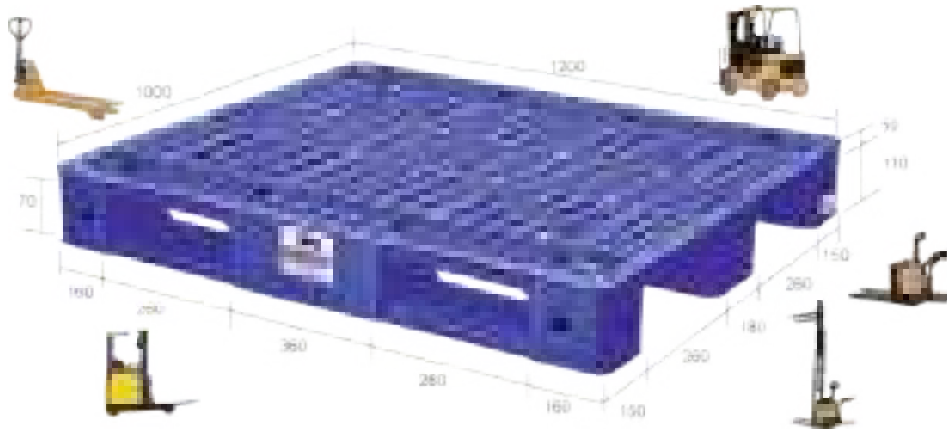
PALLET SELECTION CHART

Sr.	Model Suffix	Foot-Print - mm	Roto Molded Pallet			Injection molded Pallets										
			9-leg	3-Runner	Reversible	AP	SP	DP	OW	GMA	GMP	FP	DSP	DPR	EP	
1	0606	660 x 660				●										
2	0707	750 x 750	●	●												
3	0711	720 x 1170		●												
4	8060	800x 600														●
5	0808	800 x 800		●												
6	0810	800 x 1000		●												
7	9065	900 x 650					●									
8	9075	900 x 750	●													
9	0909	900 x 900		●												
10	0912	900 x 1200		●												
11	1006	1000 x 600					●									
12	1008	1000 x 800		●			●									
13	1010	1000 x 1000	●	●		●	●		●				●			
14	1012	1000 x 1200		●		●										
15	1109	1100 x 900														●
16	1111	1100 x 1100		●		●		●	●	●	●	●				●
17	1114	1100 x 1400		●												
18	1197	1120 x 970									●					
19	1108	1130 x 830		●												
20	1198	1140 x 980														
21	1109	1150x 990		●												
22	1208	1200 x 800	●	●		●	●	●			●					●
23	1210	1200 x 1000	●	●		●	●	●	●	●	●	●		●		●
24	1211	1200 x 1100							●							
25	120105	1200x 1050		●												
26	1212	1200 x 1200	●	●	●	●		●				●		●		●
27	12510	1250x 1000	●													
28	125125	1250 x 1250	●													
29	127095	1270 x 950								●						
30	127109	1270x 1090								●						
31	1311	1300 x 1100						●					●	●		
32	131088	1310 x 880								●						
33	132110	1320 x 1100								●						
34	1385	1320 x 850		●												
35	1310	1330 x 1070		●												
36	134120	1340 x 1200		●												
37	1411	1400 x 1100		●				●					●			
38	1412	1400x 1200						●								
39	1512	1500x 1200		●				●								
40	1515	1500 x 1500			●		●	●					●			
41	1616	1600 x 1600					●	●								
42	1812	1800 x 1200	●					●								
43	1814	1900 x 950						●								
44	1818	1800 x 1430						●								
45	1995	1800 x 1800						●								

Please decide first about pallet foot-print . Check you need Roto molded pallet or Injection Molded pallet. This chart does not indicate pallet performance. For Roto Molded pallet refer our separate detailed brochure. Before finalizing any design, consider available MHE, Racking system, type of goods. Take Nilkamal advise for Optimizing pallet design & available colour scheme. All details subject to change without notice. We can supply selected foot-print mild steel powder coated pallets, hot dip Galvanized pallets & Wire mesh cage.

INJECTION MOULDED PALLETS (MODEL : AP - 1210)

• Fail-safe, anti-skid perforated design. • Suitable with all kinds of Material Handling Equipments & all conventional racks like Pallet Storage Systems, Drive-In Rack & Also ASRS Double Deep Racks, Shuttle car etc. • Best for use as returnable pallets with unmatched durability for all purpose heavy industrial applications. • Can withstand heavy point loads and heavy temperature variations • Products are protected from rolling, pitching, yawning, heaving, swaying and surging during crude conventional internal and external handling, inland or ocean transportation. • Truly All Purpose Pallet.



Compatible MHE :	
Equipment	Refer to Page No.
Hand Pallet Truck	43
Electric Pallet Truck	44
Electric Stacker	44
Electric Reach Stacker	45
Electric Reach Truck	45
Forklift	50

Entry for all listed MHE from the 3 runner side. Only flat blade fork equipment ie, Reach Stacker, Reach Truck and Forklifts can enter from the window in the closed side. Also ensure that the forks are spread wide to ensure better stability.



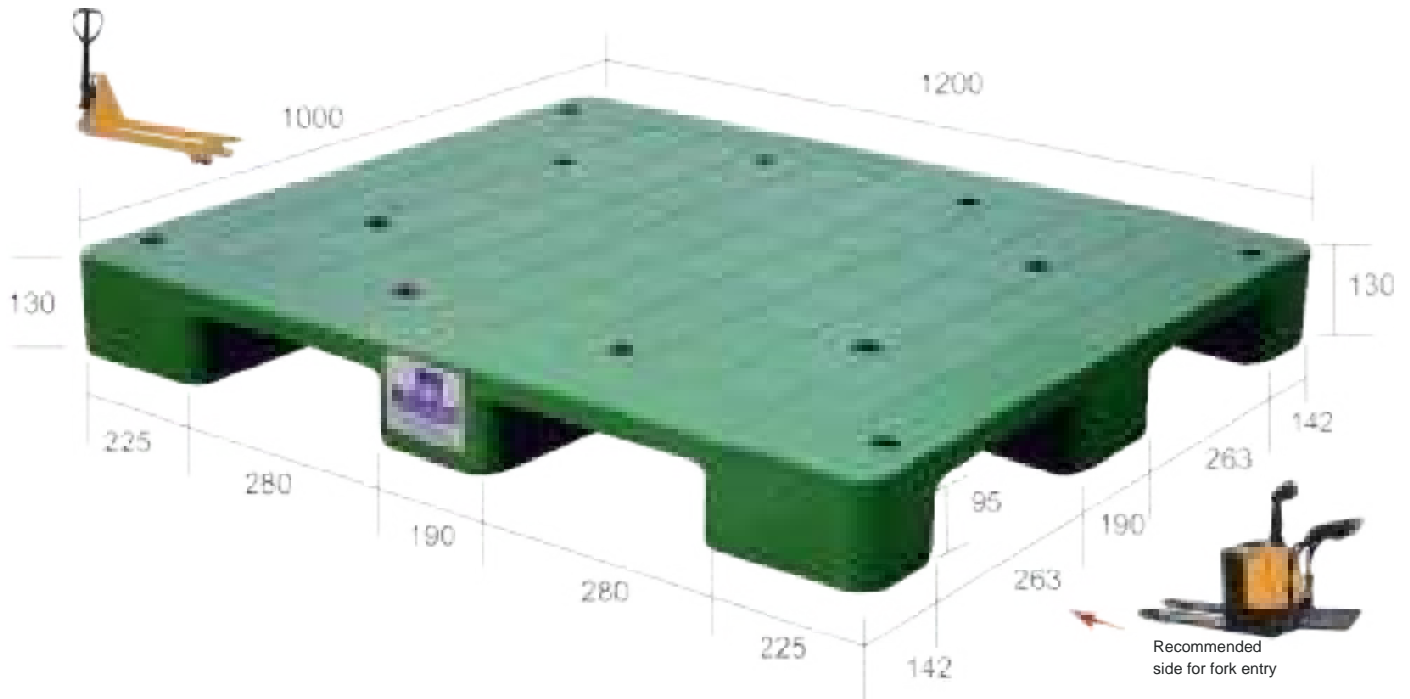
Eliminate the packing material waste, scrap littering around. Use Nilkamal load retaining Lashing Belt & Lashing PP ordinary ropes with Buckles. Save on using Reusable Load Retaining Straps.

Model	Dimensions	Static Load (Kg.)	Dynamic Load (Kg.)	Racking Load (Kg.) Standard PSS	Drive-in Rack Load (Kg.)	Standard			Drive-In		
						h	A	B	h	F	E
AP-1210-HW	1200 X 1000 X 160	6000	1200	1000	1000	110	180	700	70	360	880
AP-1210-HW-SE	1200 X 1000 X 160	6000	1200	1000	1000	110	180	700	70	360	880
AP-1210-HWEP	1200 X 1000 X 160	6000	1200	1000	1000	110	180	700	70	360	880
AP-1210-S8	1200 X 1000 X 150	6000	1250	1000	1000	110	160	700	110	350	850
AP-1210-SL4	1200 X 1000 X 150	3000	1000	600	1000	110	160	700	110	350	850
AP-1210-SW4	1200 X 1000 X 150	3000	1250	400	1000	110	160	700	110	350	850
AP-1210-HWEP-SE	1200 X 1000 X 160	6000	1200	1000	1000	110	180	700	70	360	880
AP-1210-MW	1200 X 1000 X 160	4000	1000	600~750	500~600	110	180	700	70	360	880
AP-1210-MW-SE	1200 X 1000 X 160	4000	1000	600~750	500~600	110	180	700	70	360	880
AP-1210-LW	1200 X 1000 X 160	3000	800	250	N.A.	110	180	700	70	360	880
AP-1210-LW-SE	1200 X 1000 X 160	3000	800	250	N.A.	110	180	700	70	360	880

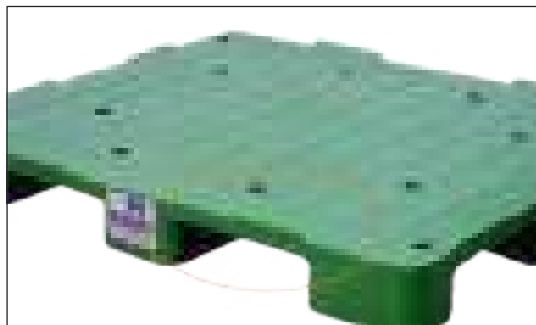
LW : Low Weight • MW : Medium Weight • HW : Heavy Weight • SE : Safety Edge • EP : Engineering Plastic. Safety Edge is for protection of crates, cartons, boxes etc. from slipping off during handling. All pallets have standard features of Strapping hook. The advantage of incorporating strapping hook is load gets uniformly distributed over pallet, so bending is reduced & load bearing capacity goes up. If you do not use strapping hook & belt, load bearing capacity goes down.

INJECTION MOULDED PALLETS (MODEL : SP - 1210)

- Cost effective solutions for all your shop-floor handling, storage & flexible logistics systems in almost all sectors. • Meets general hygiene conditions.
- Suitable to handle with all kinds of Material Handling Equipments.



Upside Down



With safety Edge (Optional)

Compatible MHE :	
Equipment	Refer to Page No.
Hydraulic Hand Pallet Truck	43
Electric Pallet Truck	44

Recommend to lift from small side (1000 mm.) with wider spread fork. 9-foot pallet should be uniformly lifted to avoid pallet sagging. Do not throw, shoulder drop on flat deck.



Model	Dimensions	Top Deck	Static Load (Kg.)	Dynamic Load (Kg.)	Racking Load (Kg.)						
						h	B	A+B+A	h	F	E+F+E
SP-1210-HW	1200 x 1000 x 130	Flat	3000	1000	N.A.	95	190	716	95	190	750
SP-1210-HW-SE	1200 x 1000 x 130	Flat	3000	1000	N.A.	95	190	716	95	190	750
SP-1210-MW	1200 x 1000 x 130	Flat	2500	750	N.A.	95	190	716	95	190	750
SP-1210-MW-SE	1200 x 1000 x 130	Flat	2500	750	N.A.	95	190	716	95	190	750

HW : Heavy Weight • MW : Medium Weight • SE : Safety Edge. Safety Edge is for protection of crates, cartons, boxes etc. from slipping off during handling.

INJECTION MOULDED PALLETS (MODEL : AP - 0606)

2-way, 3-Runner, perforated deck pallet. Take trials before committing. Reinforced rib structure, suitable to handle with standard Hydraulic Pallet Truck : 550 mm width over fork. This is a special development for Ceramic Tiles.



Features :

- Strapping hook for tall stacking above 1 meter
- Can withstand temperature up to 110°C.
- Special grade engineering plastic MOC under development to withstand temperature up to 150°C.



Pails, Jerry Cans, Carbuys, Rocket Cannister Handling



Single Drum Handling



Horizontal Stacking



Vertical Stacking with strapping

Model	Dimensions	Static Load (Kg.)	Dynamic Load (Kg.)	Racking Load (Kg.) Standard PSS	Drive-in Rack Load (Kg.)	Standard Pallet			Drive-in Pallet		
						h	A	B	h	F	E
AP-0606	660 X 660 X 130	1500	750	1000	300	110	180	7007	0	360	880

INJECTION MOULDED PALLETS

DP SERIES



DP-1210



DP-1311



MULTI-PURPOSE 4 WAY, ANTI SLIP PERFORATED DECK REVERSIBLE LARGE SIZED PALLETS ESPECIALLY FOR WET FLOORS

Model	Dimensions	Static Load (Kg.)	Dynamic Load (Kg.)	Racking Load (Kg.)	Diagram 1			Diagram 2		
					h	B	A+B+A	h	F	E+F+E
DP-1210CS8	1200 X 1000 X 145	6000	1500	1200	85	300	800	85	300	800
DP-1311	1300 X 1100 X 150	6000	1000	600	100	325	810	100	345	920

EP SERIES



Model	Dimensions	Static Load (Kg.)	Dynamic Load (Kg.)
EP-1010	1000 X 1000 X 140	1500	800
EP-1109	1100 X 900 X 150	1500	800
EP-1109 3R	1100 X 900 X 145	1500	800
EP-1208	1200 X 800 X 140	2000	1000
EP-1208 3R	1200 X 800 X 145	2000	1000
EP-1210	1200 X 1000 X 140	3000	1000
EP-1210 3R	1200 X 1000 X 145	3000	1000



REAR SIDE

Model	Dimensions	Static Load (Kg.)	Dynamic Load (Kg.)	Racking Load (Kg.)	Diagram 1			Diagram 2		
					h	B	A+B+A	h	F	E+F+E
FP-1210	1200 X 1000 X 150	3000	1000	400	90	190	710	90	190	710
FP-1212	1200 X 1200 X 150	3000	1000	400	90	190	710	90	190	710

INJECTION MOULDED PALLETS (MODEL : OW-1111)

Injection Molded, Recycle PPCP, Perforated Double Deck, full perimeter 6-Runner, 4-way entry, non-reversible pallet Load Bearing Capacity Static Load : on ground floor Uniformly Distributed Load (UDL) : 2000 kg. for light weight products; Dynamic Load UDL 1000 kg; for light weight products. Racking - not applicable. MHE & HPT: Wider HPT with width over fork of 685 mm recommended for floor use. Forklift Width over Fork Distance should be ideally 700mm.



- Stackable Pallet in Sea Freight containers & floor use for light weight products.
- Stretch Wrap ribs - add tamper evidence to stretch wrap. You can't remove & re-fit stretch wrap, Ribs would tear it while removing.
- Safety Belt hook - Use Strapping belt to make NON-UDL load as UDL load, enhance safety of your product. Enhance Stacking stability during prolonged storage & multiple handling.
- PP Strapping Slot - We recommend low cost PP strapping for small cartons crates, small PET/Glass bottles. Separators & top cap available on request. The in-built provision of PP strapping slot enables multiple handling of these light weight manifold numbers. Small objects do not fall-off the pallet during handling or with little jerk or light hit.
- Top Deck perforation designed anti-slip for products & pallet do not slip off from forks due to special design anti-skid grommets.

OW-1111



Add to storage density with Stacking Frames

A good idea to increase storage density over a limited storage footprint. Stacking frames should be used when the load on the pallet above cannot impact the goods placed on the lower pallet. The frame takes the load. Stacking frames can be custom built to suit your specific needs, thanks to built in holes in the pallet - an exclusive design feature from Nilkamal.



Stretch wrap ribs to show evidence of tampering. The construction of these ribs will tear the stretch wrap film if it is attempted to remove & re-wind



Slot for PP Straps : When a number of small goods are loaded on, strapping is useful to secure them against



Extra Features Perforated : Top deck to prevent skidding and slippage of stored goods. Also specially designed anti-skid drommets.



Safety Belt hook - Use Strapping belt to distribute load uniformly, for safety of your goods. Enhance stacking stability during prolonged storage.



Safety Edge - (Optional) as per European standards. Preventive measure against product slippage if pallets tilt



Hole for stacking frame : (Optional) A Specially designed hole holds a stacking frame where the load does not impact the contents of the pallet below.

Model	Dimensions (L x B X H) IN MM.	Static Load (kg.)	Dynamic Load (kg.)	Racking Load (kg.) Standard PSS	Drive-in Rack Load (Kg.)	Top Deck Dimensions			Bottom Deck Dimensions		
						h	B	A+B+A	h	F	E+F+E
OW 1111	1100 X 1100 X 120	2000	800-1100	N.A.	N.A.	70	200	720	70	200	720
OW 1010	1000 X 1000 X 120	2000	800-1000	N.A.	N.A.	90	170	660	90	170	660
OW 1311	1300 X 1100 X 125	2000	800-1000	N.A.	N.A.	75	190	720	75	320	880
OW 1211	1200 X 1100 X 125	2000	800-1000	N.A.	N.A.	75	190	720	75	320	880
OW 1210	1200 X 1000 X 120	2000	800-1000	N.A.	N.A.	90	200	700	90	200	700

OTHER INJECTION MOLDED PALLETS

Whatever the type of load you have , Nilkamal has the right pallet for you....

NILKAMAL'S pallets are developed in close association with user industry and technological advances in material handling & storage systems. They are proven as viable replacements to conventional pallets. They not only meet environmental and economical considerations but also contribute in improving storage system, product distribution efficiency, product protection and enhanced human safety.

Special Features :

- Consistent in shape & dimensions
- Light-weight yet strong & durable
- Prevent microbiological growth | Does not absorb water or liquids
- Performance does not degrade by commonly used chemicals, solvents and cleaning agents
- Anti-slip surface prevents slippage of the load in handling and on racks
- Easy to clean and handle.

Important Information :

- All specifications are subject to change without notice and are approximate
- Pallet load capacity is linked to your product bulk density, package dimensions, layout, MHE & rack design
- The data on pallet load capacity is indicative and based on UDL (Uniformly Distributed Load).
- Racking load stands on the capacity of the pallet rested on length direction
- It is advisable to use and test the sample for all the requirements
- We can supply **RFID embedded pallets based on customer's requirements.**
- All your requirements of M.H.E. (Material Handling / Lifting Equipments) and Storage Rack Systems are now available with Nilkamal - ex-stock.



GMP - SC : Stackable Rackable conveyor handling



FP Series : Full Parameter Stack, Rack, Used with Pallet Truck



OW Series : One Way Stackable



GMA Series



DP Series : Reversible Pallet



DPR Series : Flat Deck Reversible



GMP Series : HACCP, Hygiene Stringent regulation pallet for wipe & clean dust



EP Series : Export / Nestable

OTHER PALLETS

ASSEMBLY SERIES :

"Make your own size and make your own design pallets." Other applications are walkways, raised platforms, overhead walkways, Gantry & passage flooring. Top Deck Planks size : 145 x 25 x 2200mm. The length can be cut to any required size. • Bottom plank : 30 x 40 x 2200mm. The length can be cut to any required size.

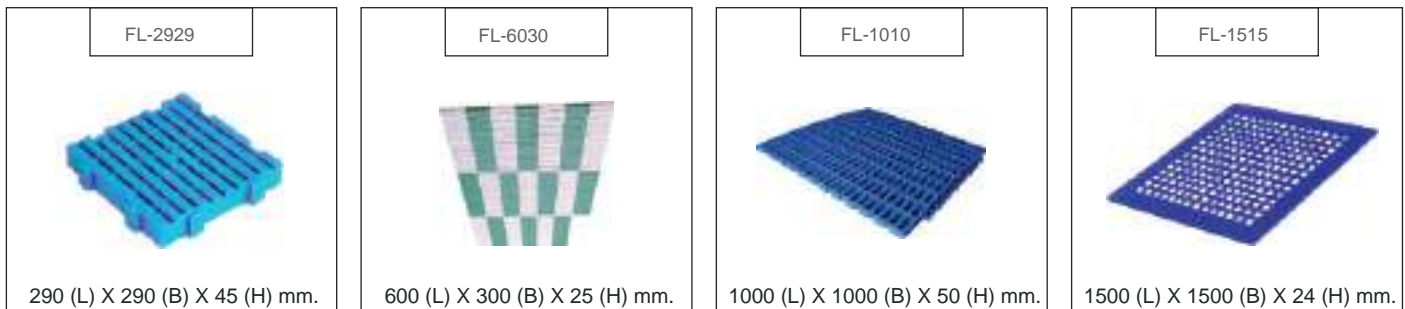


Top plank & bottom plank can be simply screwed on & fabricated as wooden planks to get required shape & Design.



ANTI-SKID FLOORING PALLETS :

Used for wet floors, shop floors, labs. Tapered FL-1010, used in animal butcheries, stables & cow-sheds (Tabelas)



SCRATCH RESISTANT POWDER COATED SURFACE FINISH PALLETS

They are powder coated for scratch resistant with guaranteed coat of 60 microns. Local manufacturers provide electro-plating only up to 40 microns on manual process without pre-treatment.



STAINLESS STEEL PALLETS :

Nilkamal SS-304 pallets : developed as per GMP norms for Pharmaceutical industries in India. SS-304 fabrication done in nearly clean room shop-floor with no impurities getting inside square pipes. Made as per German standards on advanced Fabrication & welding equipments with SS-304 fabrication experience of over a decade. Meets stringent Regulations from – DIN, Euro-III, GMP, HACCP & ISO. Temperature to withstand -40°C to + 100°C.



Model : SS-304 (GMP - 2 RUNNERS HYGIENE PALLET)

Model : SS-304 (GMP - 6 LEGS HYGIENE PALLET)

HOT DIP GALVANIZED PALLETS :

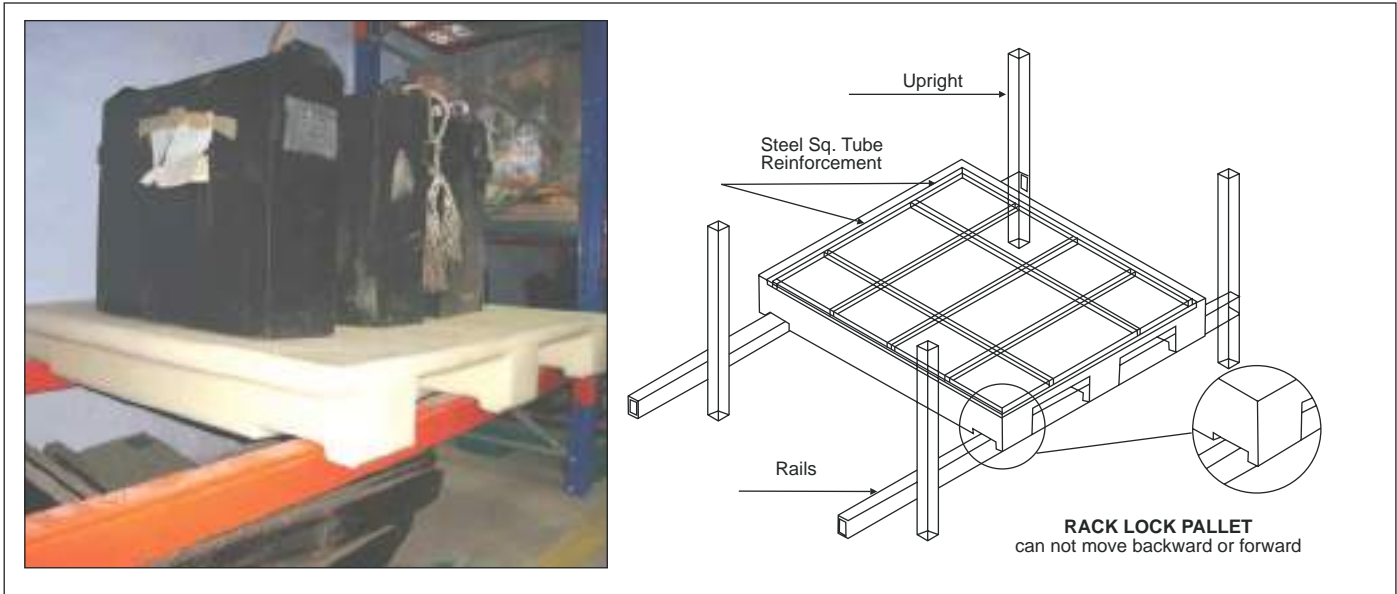
The life long rust free performance from Hot dip Galvanized pallets make it maintenance free substitute to conventional painted steel pallets. The conventional pallets are subjected to rust over period of time & this reduces the pallet life. Hot Dip Galvanized pallets are readily available in foot-print of 1000 x 1000 mm, 1200 x 1000 mm, 1200 x 1200 mm & 1500 x 1500 mm & also can be developed in custom size.



ROTO MOLDED PALLETS

•Hygienic and useful for GMP clean rooms •Environment friendly •Durable and cost effective •Easy to maintain – just wipe and clean. Machine wash and steam cleaning also possible • Resistant to commonly used chemicals •Exclusive Rack lock for locking pallet on standard rack •Wings on Rail for drive-in racking •Hi-end textures available.

RACK LOCK PALLETS WITH STEEL RE-INFORCEMENT : No bending even with Point Load. No shifting or slipping of pallets. Enhanced Safety



3 Runner Pallets : For General Usage On Rack & Floor :

With Rack Lock, Safety Edge & Wing Runners



RP1212C3RUS1Z1

1200(L) x 1200(W) x 160(H) MM.

With Rack Lock & Wing Runners



RP1210F3RUS2

1200 (L) x 1000 (W) x 150 (H) MM.

With Rack Lock & Flush Runners



RP0707F3RU3

750 (L) x 750 (W) x 150 (H) MM.

With Flush Runners



RP0909F3RUSJ4

900 (L) x 900 (W) x 150 (H) MM.

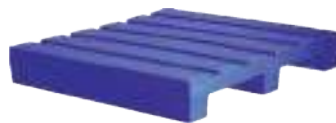
With Safety Edge & With Flush Runners



RP1515DA3RUS6

1500(L) x 1500(W) x 160(H)MM.

With Rack Lock, Safety Edge & Flush Runners



RP1010CO3RUS9

1000 (L) x 1000 (W) x 160 (H) MM.

With Flush Runners



RPROLL1210F3RUJ4

1200 (L) x 1000 (W) x 260 (H) MM.

With Rack Lock, With Safety Edge & With 5 Flush Runners



RP1208P5RUS6

1200 (L) x 800 (W) x 160 (H) mm.

9 Legs Pallets - For Floor Usage

With Kiss-off Bottom, Stacked Leg, Wing Leg, Kiss-off Bottom of Legs



RP1210F9L51

1200 (L) x 1000 (W) x 150 (H) MM.

Flat Bottom, Tapered Leg, Flush Leg, Flat Bottom of Legs



RP1210F9LUS53

1200 (L) x 1000 (W) x 160 (H) MM.

With Flat Bottom, Round Leg, Flush Leg, Flat Bottom of Legs



RP1212F9LUS52

1200 (L) x 1200 (W) x 160 (H) MM.

Flat Bottom, Tapered Leg, Flush Leg, Flat Bottom of Legs



RP1007CO9LUS53

1065 (L) x 750 (W) x 170 (H) MM.
(SPECIAL PALLET FOR PRINTING INDUSTRY)

Customized Innovations : Pallets for ASRS, RFID, automated hi-speed multi-tier conveyor & sensor sorting needs special deck design & texture surface. Thanks to in-house software based designing capabilities and further CNC machining facilities, we provide proprietary solutions and which has improved anti-slip property, improved feasibility with robotized handling and improved security and useful life of pallet & other value additions.



Model No : **RP1010P2R3LUSJ4.**

Dimensions : 1000X1000X150MM • Texture type : PERFORATED.

Useful for : DAIRIES AND COLD STORAGE FOR AIR CIRCULATION.



Model No : **RP1108C3RUSJ6.**

Dimensions : 1130 X 830 X 210 MM • Texture type : BIG CHEQUERED.

Useful for : HEAVY LOAD IN AUTOMOBILE INDUSTRY & OTHER GENERAL PURPOSE.



Model No : **RP1208C3RU3**

Dimensions : 1200 X 800 X 130 MM.

Texture type : CHEQUERED TOP WITH HANDLE FOR LIFTING.

Useful for : STORAGE OF CARTON BOXES FOR LIGHT APPLICATION.



Model No : **RP1208D3RUS3Z1**

Dimensions : 1200X800X160MM.

Texture type : DIAMOND TOP WITH STRAPPING SLOT.

Useful for : CARTONS AND SMALL CONTAINERS.



Model No : **RP1208180B3RUS6.**

Dimensions : 1215X810X180MM.

Texture type : BOX TYPE DESIGN. | Useful for : BOXES



Model No : **RP1385C3RUS3Z1**

Dimensions : 1320 X 850 X 165 MM • Texture type : CHEQUERED DESIGN.

Useful for : CARTONS, BOXES.

SPILL PALLETS & DRUM PALLETS

SPILL CONTAINMENT PALLETS : Nilkamal's Spill Containment Pallets are an absolute must for food & pharma companies.

Spillage can occur anywhere / any time & can contaminate sensitive food & pharma products or clean rooms, causing huge rejections & recalls. Nilkamal's Spill Containment Pallets are made to international standards and & are an absolute necessity for your pharma or food manufacturing set-up.

Injection Molded :



Model : **IMPC120L3RSPIL**
Dimensions : 1330 (L) x 670 (B) x 150 (H) mm.



Model : **IMPC200L3RSPIL**
Dimensions : 1330 (L) x 670 (B) x 400 (H) mm.



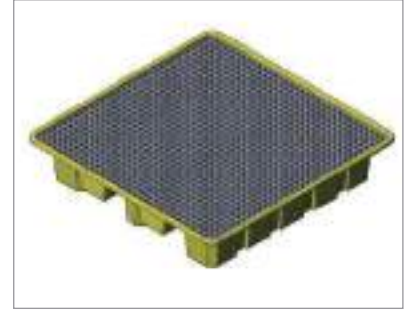
Roto Molded :



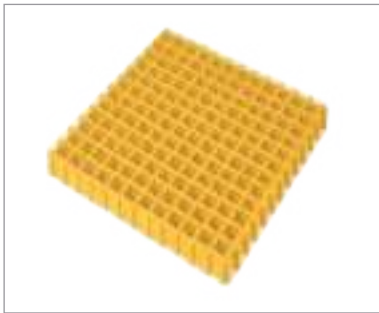
Model : **RMPC100L3RSPIL**
Dimensions : 1300 (L) x 1300 (B) x 200 (H) mm.



Model : **RP120L3RSPIL2**
Dimensions : 1400 (L) x 800 (B) x 270 (H) mm.



Model : **RP240L3RSPIL4**
Dimensions : 1400 (L) x 1400 (B) x 270 (H) mm.



Model : **FRPGR1374MA7YEL**
Dimensions : 1336 (L) x 728 (B) x 25 (H) mm.



Model : **RMPC525L3RSPIL** • Dimensions : 1300 (L) x 1300 (B) x 575 (H) mm.
Pallet with lid • Stacking : Ground +2 • Sump capacity : 525 liters



DRUM PALLETS :



Model : **AP1111SC**
Dimensions : 1100 (L) x 1100 (W) x 140 (H) mm. sprox.
Load Bearing : Uniformly Distributed Load
Static : 3600 kg. • Dynamic : 1200 kg. • Racking : 600 kg.
Should be handled with Forklift or Pallet truck only.



Model : **DP1212**
Dimensions : 1200 (L) x 1200 (W) x 150 (H) mm. sprox.
Load Bearing : Uniformly Distributed Load
Static : 6000 kg. • Dynamic : 1500 kg. • Racking : 1000 - 1500 kg.
Should be handled with Forklift only.



KIT CRATES

NILKAMAL introduces KIT CRATE with Zero Defects –Best in class Quality. Safe, Clean Ergonomic Work Environment. No “non-value” duplication or added work. Communication, Standardization, Visual work place with provision for continuous improvement. Larger the load handled, the lower the cost per unit handled.

SIDE WALLS FOLDING KIT CRATES :



Model : **CH1210590**
Outside Dimensions : 1200 (L) x 1000 (B) x 590 (H)



Model : **CH1210975 (Folding Kit Crate with Lid)**
Outside Dimensions : 1200 (L) x 1000 (B) x 975 (H)



Step Wise Assembling Process



Model : **CH1210800** Outside Dimensions : 1200 (L) x 1000 (B) x 800 (H) All four side walls fold on base pallet, 2-way fork entry, 2-Bottom Runner Design.



Model	Outer Dimensions
CH12105902RGRY	1200(L) x 1000(B) x 590(H) MM
CH1210975	1200(L) x 1000(B) x 590(H) MM
CH1210800	1200(L) x 1000(B) x 975(H) MM
CH1210740	1200(L) x 1000(B) x 800(H) MM
CH1210975LD2R	1200(L) x 1000(B) x 740(H) MM
LID1210GRY	1200(L) x 1000(B) x 975(H) MM

Available with solid closed walls and perforated walls and 2 way entry, 3 runner design, suitable for racking & stacking.

ROLLING EQUIPMENTS

Nilkamal offers a range of **Platform Hand Trucks** for easy manual movement of goods inside the factory or warehouse premises. Designed for ease of use, these platform trolleys and pallets are ideal material handling equipment used in many industries, warehouses, shopping malls, airports, hotels – the list is practically endless as everyone seems to discover a use for these. Sturdy construction, these Platform Hand Trucks are durable and easy to push or pull, thus enhancing your workforce's productivity.

PLATFORM HAND TRUCK

ZINC CHROME PLATFORM HAND TRUCK

STAINLESS STEEL PLATFORM TRUCK



Model : **PH100** • Capacity : 100 kgs.

Model : **PH350ZNCR** • Capacity : 350 kgs.

Model : **PH150SS** • Capacity : 150 kgs.

MINERAL WATER SACK TROLLEY

WHEEL BARROW

MULTI PURPOSE SERVICE TROLLEY



Model : **SCT250AL- 7** • Capacity : 250 kgs.

Model : **WB220** • Capacity : 220 kgs.

Model : **SRT300** • Capacity : 300 kgs.

HOT DIP GALVANIZED METALLIC ROLL CAGE :



Model : **MHDRC1170170** • Capacity : 500 kgs.



Model : **MHDRC10811550** • Capacity : 500 kgs.



METALLIC CAGES & BULK CONTAINERS


METALLIC CAGES : Nilkamal Full View Foldable Galvanized Metal Wire Cage is the clear choice for better bulk material handling, storage, JIT closed loop returnable systems. • Rustproof • Durable • No Fire hazard • Can withstand all kinds of environments • Virtually indestructible • Low weight to load ratio as containers are lighter • No performances sacrifice in cold, hot, sultry or highly corrosive atmosphere and salt spray conditions for ocean transportation



Model	External Dimensions	Internal Dimensions	Wire Mesh	UDL Capacity	Filled Stack
MWC8060640-6C-4L	800 X 600 X 640 mm. 32" X 24" X 25"	760 X 560 X 510 mm. 30" X 22" X 20"	C = 50 X 50 mm.	800 kg.	1 + 4
MWC1080840-6C-4L	1000 X 800 X 840 mm. 40" X 32" X 33"	960 X 760 X 710 mm. 38" X 30" X 28"	C = 50 X 50 mm.	1200 kg.	1 + 4
MWC1210890-6C-4L	1200 X 1000 X 890 mm. 48" X 40" X 35"	1160 X 960 X 760 mm. 46" X 38" X 30"	C = 50 X 50 mm.	1500 kg.	1 + 4
MWC12101125-5E-4L-2R	1200 X 1000 X 1125 mm. 48" X 40" X 45"	1160 X 960 X 985 mm. 46" X 38" X 40"	E = 100 X 100 mm.	800 kg.	1 + 3
MWC12101125-6C-4L-2R	1200 X 1000 X 1125 mm. 48" X 40" X 45"	1160 X 960 X 985 mm. 46" X 38" X 40"	C = 50 X 50 mm.	1200 kg.	1 + 3

MWC : Metallic Wire Cages • L : Legs • R : Runners • UDL : Uniformly Distributed Load • Gauge : Wire Thickness • A, B, C, D, E & F stands for Wire Mesh Pit





Powder Coated Metallic Bulk Cages (MBC)
Model No. : MBC1080750-2R / MBC1210750-2R
 External Dimensions : 1000 x 800 x 750 mm. / 1200 x 1000 x 750 mm.
 Internal Dimensions : 930 x 730 x 605 mm. / 1140 x 940 x 640 mm.
 Capacity : 1000 kg. / 1200 kg. • Stacking : 1 + 4 / 1 + 4

BULK CONTAINERS :

- Reusable industrial container designed for the transport and storage of bulk liquid and granulate substances (e.g. chemicals, food ingredients, solvents, pharmaceuticals, etc).
- Stackable containers with a metal frame and a metal pallet base designed to be moved using a forklift or a pallet truck.
- Built-in tap at the base through which the contents can be poured out into smaller containers or to which a hose can be attached.

Advantages :

- Transport more material in the same area than round drums and far more than might be shipped in the same space if packaged in consumer packs.
- The manufacturer/processor of a product can bulk package a product at one location and ship to another location at a reasonably low cost where it is subsequently packaged in final appropriate consumer packs for retail distribution.



Drainage valve for attaching pipe or tap



Drainage valve with pipe or tap

Nilkamal is the only company in India, which offers complete solutions for material handling under one roof. Our main features & USP are :
• Latest Technology ahead of time • Ex-stock Availability • All products conform to European norms (CE). You will find detailed lists of models and respective versions along with their capacities and lift heights and their usage areas that would help you make your buying choices easier.



NILKAMAL

MATERIAL HANDLING



ING EQUIPMENTS

SELECTOR CHART

Model	Multi Purpose equipment for Vertical and Horizontal movement of goods	Dock Work	Horizontal Transport	Narrow Aisle Rack Storage	Very Narrow Aisle Rack Storage	Order Picking	Shelving	Aerial Work	Multi Level goods movement
Manual Range									
NK25		✓	✓						
NKLP10		✓	✓						
NKSS25		✓	✓						
NKPRV10			✓						
NKWS20			✓						
NKSH10			✓						
NKSLT500 / NKSLT1500							✓		
NKSLT350 / NKSLT680							✓		
NKDT03			✓						
NKMS1016 / NKMS1025 / NKMS1516				✓					
NKMSA1016 / NKMSA1516				✓					
NKYTD35			✓						
NKSESIII1030 / NKSESIII1530				✓					
Electric Range									
NKEPT22 (AC)		✓	✓			✓			
NKES				✓					
NKRT				✓					
NKERS1545				✓					
NKCBF1032			✓	✓					
NKVOP0345						✓	✓		
NKTT4-0 - TA / NKTT60-TA			✓						
NKTT30			✓						
NKTTZ40			✓						
NKTTZ60									
Articulated Forklift					✓				
VNA - Man Up					✓	✓	✓		
Electric Cart Range									
NKGC2 / 4 / 6 / 8			✓						
Work Platform Range									
NKMWP120								✓	
NKAMWP8115								✓	
NKJCPT1212DC								✓	
NKMMSL39 (MINI)								✓	
Loading Equipment Range									
NKDL10		✓							
NKLT01 / 02 / 03 / 05 / 10									✓
NKSS 10 / 15									✓
NKMD10		✓							
Forklift Range									
NK20D / NK30D / NK50D / NK80D / NK100D	✓	✓	✓						
NK20LPG / NK30LPG	✓	✓	✓						
NK15E3W	✓	✓	✓						
NK15E / NK25E / NK30E / NK50E	✓	✓	✓						

MANUAL RANGE

HAND PALLET TRUCK WITH BRAKE SYSTEM



HYDRAULIC HAND PALLET TRUCK
Model : NK25 • Capacity (kg) : 2500



HAND PALLET TRUCK WITH BRAKE SYSTEM
Model : NK25B
Capacity (kg) : 2500



ROUGH TERRAIN HAND PALLET TRUCK
Model : NKR-TERRAIN15YEL
Capacity (kg) : 1500



LOW PROFILE PALLET TRUCK
Model : NKLP10 • Capacity (kg) : 1000



PAPER ROLL VERSION PALLET TRUCK
Model : NKPRV10
Capacity (kg) : 1000



STAINLESS STEEL PALLET TRUCK
Model : NKSS25 • Capacity (kg) : 2500



SCISSOR HAND PALLET TRUCK
Model : NKSHP10
Capacity (kg) : 1000

SCISSOR LIFT TABLES



Model : NKSLT500 / NKSLT1500
Capacity (kg) : 500 / 1500
Lift Height (mm) : 900 / 1000

WEIGHING SCALE PALLET TRUCK
Model : NKWS20 • Capacity (kg) : 2000



SCISSOR HAND PALLET TRUCK WITH POWER
Model : NKSHP10P
Capacity (kg) : 1000



Model : NKSLT350 / NKSLT680
Capacity (kg) : 350 / 680
Lift Height (mm) : 1300 / 1500



Model : NKMS1016 / NKMS1516 / NKMS1025
NKMSA1016 / NKMSA1516
MANUAL STACKER
Capacity (kg) : 1000 / 1500
Lift Height (mm) : 1600 / 2500



Model : NKSES1030 / NKSES1630
SEMI ELECTRIC STACKER
Capacity (kg) : 1000 / 1500
Lift Height (mm) : 3000

ELECTRIC RANGE

ELECTRIC PALLET TRUCK (AC)



Model : **NKEPT22(AC)**
Capacity (kg) : **2200** • Lift Height (mm.) : **205**



ELECTRIC STACKER (AC)



Model : **NKES1232 / 1529 / 1536 / 1546 / 1560 / 1563**
Capacity (kg) : **1200 & 1500** • Lift Height (mm) : **2900 to 6300**



PALLET COMPATIBILITY FOR THE BOTH ABOVE MODELS



3 runner pallet : 2 way entry



9 leg pallet : 4 way entry

ELECTRIC RANGE

ELECTRIC REACH STACKER



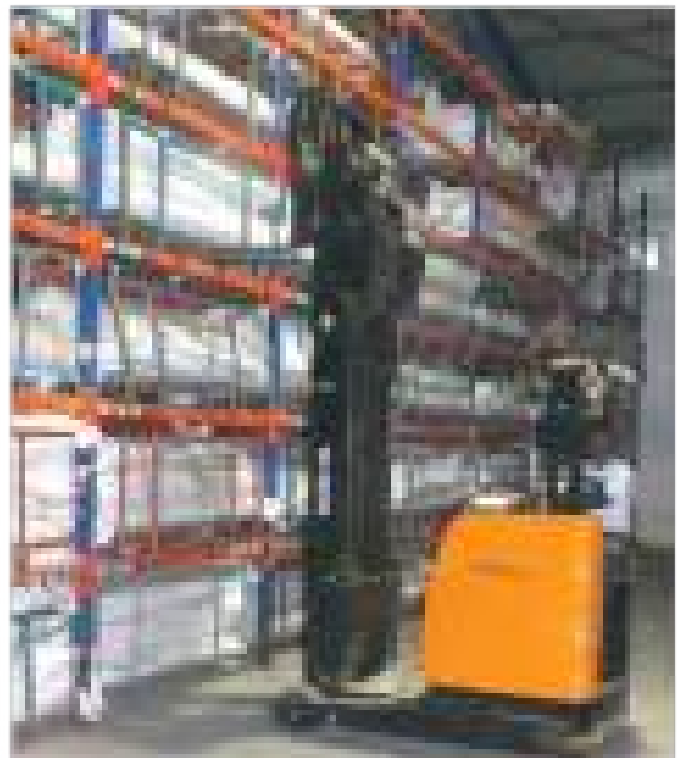
Model : **NKERSZ1545 / 1555**
Capacity (kg) : **1500** • Maximum Lift Height (mm) : **5500**



ELECTRIC REACH TRUCK (Also Available On Long Term Rent)



Model : **NKRT**
Capacity (kg) : **1600 & 2000** [†] Lift Height (mm) : **6500 to 8500**



PALLET COMPATIBILITY FOR THE BOTH ABOVE MODELS



ELECTRIC RANGE



SIT-ON TOW TRACTOR
Model : NKTT30 • Capacity (kg.) : 3000



STAND-ON TOW TRACTOR
Model : NKTTZ40/60 • Capacity (kg.) : 4000 / 6000

VERTICAL ORDER PICKER



Model : NKVOP0345
Capacity (kg) : 300
Platform Height (mm) : 4500



WORK PLATFORM RANGE

MINI MOBILE SCISSOR LIFTS



Model : **NKMMSL39 (MINI)**
Capacity (kg) : **240**
Platform Height (mm.) : **3900**



Capacity (kg) : **230**
Platform Height (mm.) : **14000**

SELF PROPELLED AERIAL WORK PLATFORM



Model : **NKJCPT1212DC**
Capacity (kg) : **320**
Platform Height (mm) : **10,000**

MANUAL AERIAL WORK PLATFORM



Model : **NKMWP120**
Capacity (kg) : **200**
Platform Height (mm.) : **12000**

LOAD EQUIPMENTS RANGE

DOCK LEVELER



Model : NKDL10 • Capacity (kg) : 10000

LIFT TABLE



Model : NKLT01/ 02 / 03 / 05 / 10 • Capacity (kg) : Up to 10000 (Customised)



STATIONERY STACKER



Model : NKSS 10 / 15
Capacity (kg.) : 1000 / 1500
Customised



MOBILE DOCK



Model : NKMD10 • Capacity (kg) : 10000 • Size (mm.) : 11300 (L) X 2100 (W) X 1650 (H) max.



DRUM HANDLING EQUIPMENT RANGE

DRUM LOADER



Model : **NKDT03** • Capacity (kg) : **300**

PARROT BEAK ATTACHMENT FOR FORKLIFT TRUCK



Close-up of the drum being lifted

Model : **PARROTBEAK-1DRUM**



MANUAL DRUM STACKER



Model : **NKYTD35**
Capacity (kg) : **350** • Lift Height (mm) : **1945**

DIESEL FORKLIFT RANGE

2 TON / 3 TON



Model : NK20D / NK30D • Capacity (kg) : 2000 / 3000 • Lift Height upto (mm.) : 6000 • Mast : 2 Stage / 2 Stage FFL / 3 Stage FFL

5 TON



Model : NK50D • Capacity (kg) : 5000 • Lift Height upto (mm.) : 6000 • Mast : 2 Stage / 2 Stage FFL / 3 Stage FFL

10 TON



Model : NK100D • Capacity (kg) : 10000
Lift Height upto (mm.) : 6000 • Mast : 2 Stage / 2 Stage FFL / 3 Stage FFL

16 TON



Model : NK1600D • Capacity (kg) : 16000
Lift Height upto (mm.) : 6000 • Mast : 2 Stage / 2 Stage FFL / 3 Stage FFL

PALLET COMPATIBILITY FOR THE BOTH ABOVE MODELS



3 runner pallet : 2 way entry



9 leg pallet : 4 way entry

LPG FORKLIFT RANGE



Model : **NK20LPG / NK30 LPG** • Capacity upto (kg) : **3000**
Lift Height upto (mm.) : **6000**
Mast : **2 Stage / 2 Stage FFL / 3 Stage FFL**



ELECTRIC FORKLIFT RANGE

1 TON ELECTRIC FORKLIFT



Model : **NKCBFL1032FFL**
Capacity (kg) : **1000** • Lift Height (mm.) : **3200**

3 WHEEL ELECTRIC FORKLIFT



Model : **NK15E3W**
Capacity (kg) : **1500** • Lift Height up to (mm.) : **6000**

4 WHEEL ELECTRIC FORKLIFT



Model : **NK15E / NK25E / NK30E / NK50E**
Capacity upto (kg) : **5000** • Lift Height upto (mm.) : **6000**
Mast : **2 Stage / 2 Stage FFL / 3 Stage FFL** • Drive Option : **DC / AC**





SPECIALIZED MATERIAL HANDLING EQUIPMENTS

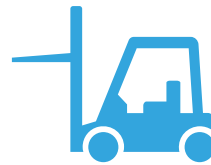
NILKAMAL ARTICULATED FORKLIFT

Also Available On Long Term Rent

- Reduces aisle widths & increases storage space
- Increases storage space by up to 50%
- Enables a dramatic reduction of working aisle widths
- Cut warehousing costs
- The 2-in-1 machine - Reach Truck and counterbalance forklift in one machine
- Lift capacities of up to 2.5 t
- Electric and LPG powered models



POWERFUL



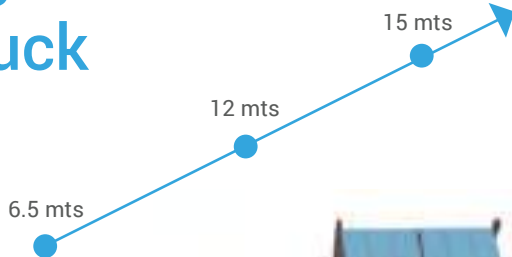
VERSATILE



RELIABLE

KEY FEATURES

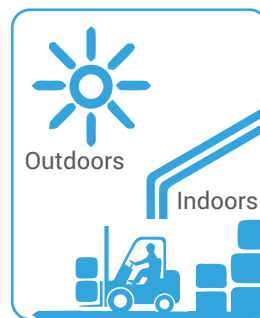
Increase Your Storage Capacity by up to 200% against a Forklift truck



Lift Heights Up to 15mts



Front-Wheel-Drive Equipment with Low Running Costs



Can Be Operated



Major Parts Warranty As Standard

PRODUCT RANGE



AC Electric Articulated Forklift

- Quick & easy battery removal.
- AC Traction motor (19.5kW)
- A choice of 80V / 400/500amp-hour capacity batteries.
- Ergonomically designed operator's cab.
- Reduced energy consumption.



Cold Store Articulated Forklift

- Heated cab windows, which eliminate the build up of condensation when driving between different temperatures in a building.
- Designated areas in the cab for use of a barcode scanner.
- Low-energy LED work lights as standard work upto-30 Degrees centigrade.





- Lifts 900 kgs. up to a massive 12.4 meters.
- Mast equipped with camera to guide positioning of pallet
- Can operate in an aisle width as narrow as 2.1 meters.

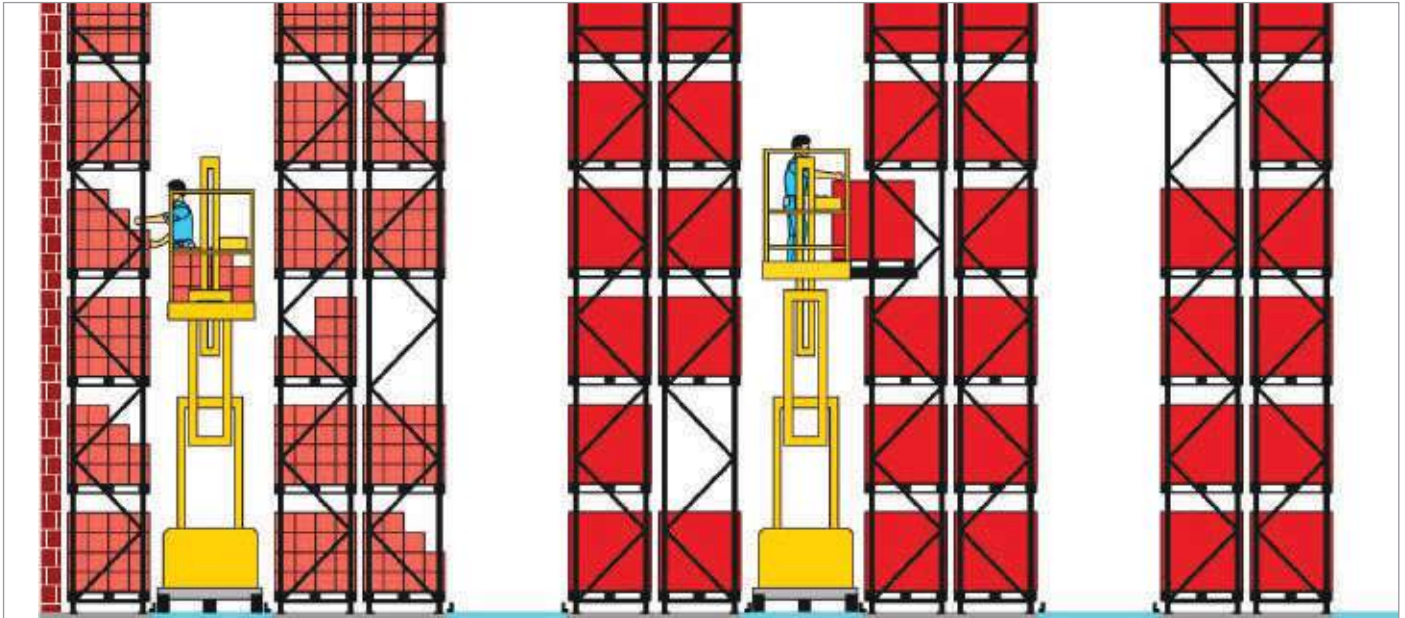
SPECIALIZED MATERIAL HANDLING EQUIPMENTS

THE CONTAINERS & OVERSIZED LOADS HANDLING SPECIALIST



Maximise your Order Picking Efficiency!

Magaziner Man-Up Turret Trucks meet the rigorous industry standards, and are also flexible to meet the space and material transport requirements of the individual customer. Compact, powerful, manoeuvrable – and above all adaptable to the customer's specific environment. Magaziner Man-Up Turret Trucks, from Magaziner Lager- & Fördertechnik, **Germany**. The perfect solution for unit load storage and individual article order selection. Since the operator rides up with the load to the desired storage location, he is afforded an equally good view of the load and its rack destination. With a minimum frame width of 1.000 mm and a maximum lift height of 9 mtrs. to 17 mtrs, the Magaziner EK series offers the optimum space utilization. Capacities range from 1.1 tons to 1.5 tons.



MAN-UP TURRET TRUCKS (Very Narrow Aisle - V.N.A.) (7 Models available) • Lift height up to : 9000 mm.-170000 mm. • Lift Capacities up to : 1100-2000 kg.





MODEL : HWSFPSBV1

Nilkamal Hands free Hand Wash Station (HWS) is a simple and affordable solution to keep your facility protected.

The HWS is **Operated by foot peddle for both sanitizer and water tap**, ensuring clean hands without touching any surface. Supplied as a fully knock down assembly, the unit is easy to assemble and flexible to move.



Sanitize hands without touching – COVID ready



Big 80L water tank sufficient for more than 100 washes



Wide 19 inch Basin



Simple and easy to install

FEATURES

- Foot paddle operated sanitizer and water tap
- Knockdown assembly, Easy to install and transport
- MS Powder coated metal stand
- Self and Easy installation guide

DIMENSIONS

500 (L) x 810(w) x 1290(H)

SPECIFICATIONS

- Up to 100 Hand washes per tank refill
- 80 L Tank capacity
- 19 Inch wide Basin

INNOVATIVE STORAGE SYSTEMS :

Nilkamal is a leading manufacturer of different types of storage systems in steel having state of art manufacturing facilities . We follow European standards, also have in-house structural analysis capabilities. We make wide range of racking and shelving systems, from simple to tall ASRS racking up to 32 meters height.



Pallet Storage Systems (PSS)



Universal Storage Systems (USS)

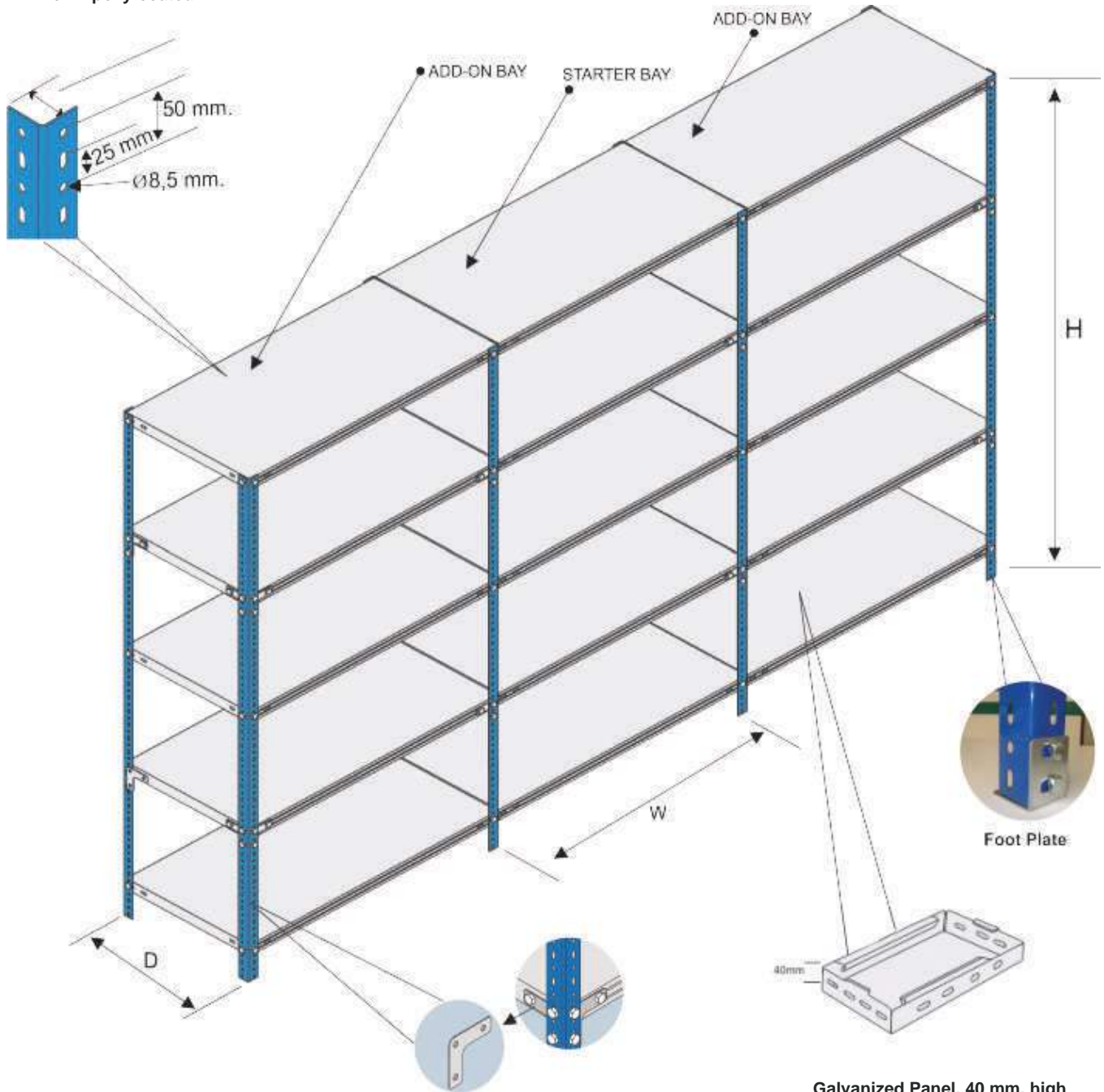


Mezzanine Storage Systems

UNIVERSAL STORAGE SYSTEMS (USS)

- Cost effective installation. • Bolt together assembly. • Easy to mount. • Also ideal as storage for archives. • Increased load capacity due to corner plates. • Panels can be easily re-adjusted on a 25 mm. pitch. • Extension bays can be added whenever required. • Very good overview due to clear product presentation. • More storage capacity on less floor space.

Angled upright
with integrated base plates
Finish : **Epoxy-coated**



Galvanized Corner Plate
suited for all system lengths
and depths, fixing material
included

Galvanized Panel, 40 mm. high
manufactured from steel sheet ;
accepts upto 150 kgs. uniformly
distributed load (U.D.L.) due to
Unique Ten Bend Construction

Compatible MHE :
Trolley (Refer to Page No. 44)

OUR INSTALLATIONS

General Advantages :

- Quick and easy to assemble, mount & cost-effective installation
- Economical in long run
- Also ideal as storage for archives
- More storage capacity on less floor space
- Increased load capacity due to corner plates
- Direct access to all references
- Very good overview due to clear product presentation
- Can be integrated into almost any storage environment
- Platforms can be conveniently re-adjusted on a 25 mm pitch
- Extension bays can be added whenever required



UNIVERSAL STORAGE SYSTEM WITH FLEXIBLE PARTITIONS

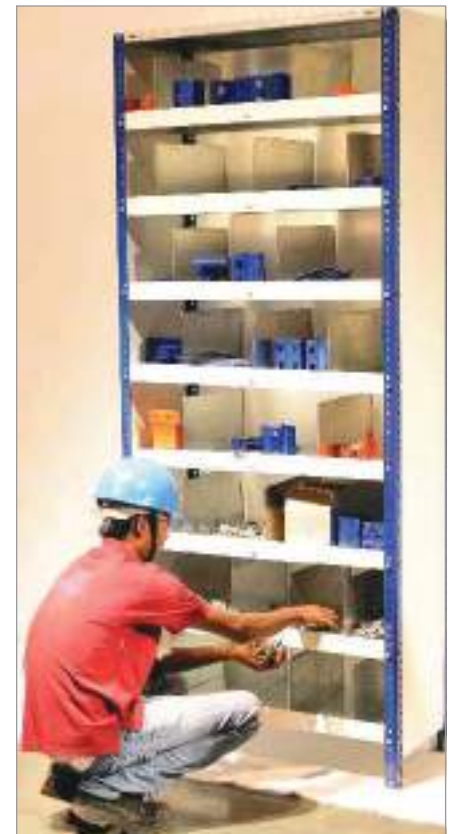
The One Product for your Non-Standard Storage Needs! Introducing a Universal Storage System with total flexibility - The Flexi-Rack. With flexible partitions and multi-slotted panels and front stopper strips, the Flexi-Rack is the perfect solution for well segregated storage of nut-bolts, tools and small components. Slotted uprights allow for adjustable levels, so you can adjust height between any two levels to your requirement. Similarly, the panels have multiple slots to take in vertical separators, so the storage space can be adjusted horizontally too. The Flexi-Rack also takes front stopper strips, thus providing security against slippage or spillover for the contents stored.



Just adjust the flexi way...!!! : Slotted uprights allow Flexibility to adjust levels. Slotted panels allow Flexibility to adjust horizontal space too !



Store. Stop spilling over...!! : Front stopper strips hold back the contents of the storage partitions from spilling over.



LONG SPAN SHELVING SYSTEM (LSS)

Long Span Shelving (LSS) is a product used for storing light and medium heavy goods, ranging from 150 kgs to 600 kgs. Ideal for products longer than 1300 mm and load per level greater than 200kgs. Thus the product fits in the intermediate category between the Universal Storage System (USS) and Pallet Storage System (PSS). Euro Pallets (1000 x 800mm) can be stored under the bottom level when the span is 2300mm.

Long span shelving can be used to store virtually anything, like :

- Crates • Boxes • Rolls • Files • Packets • Corrugated boxes • Paint cans
- The list can go on almost endlessly, for products between the range of applicable size and weight



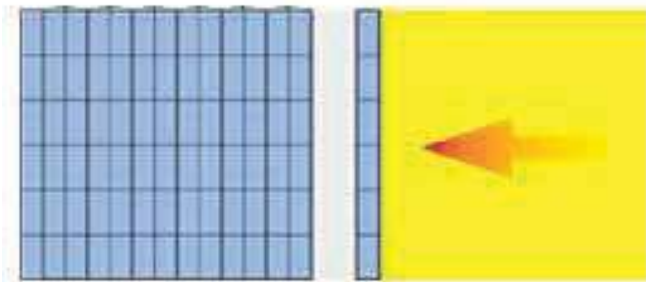
Series	Frame height	Loading Levels	Shelving Depth	Beam width / Load per level
Light	2000 mm	4	600	1500 mm / 500 kg
			800	1800 mm / 400 kg
			1000	2400 mm / 325 kg
Light	2500 mm	5	600	1500 mm / 500 kg
			800	1800 mm / 400 kg
			1000	2400 mm / 325 kg
Light	3000 mm	6	600	1500 mm / 500 kg
			800	1800 mm / 400 kg
			1000	2400 mm / 325 kg
Heavy	2000 mm	4	600	1800 mm / 725 kg
			800	2400 mm / 560kg
			1000	2700 mm / 625 kg
Heavy	2500 mm	5	600	1800 mm / 725 kg
			800	2400 mm / 560kg
			1000	2700 mm / 625 kg
Heavy	3000 mm	6	600	1800 mm / 725 kg
			800	2400 mm / 560 kg
			1000	2700 mm / 625 kg

Compatible MHE : Trolley & Ladder (Refer Page no.44)

MOBILE COMPACTOR STORAGE SYSTEM

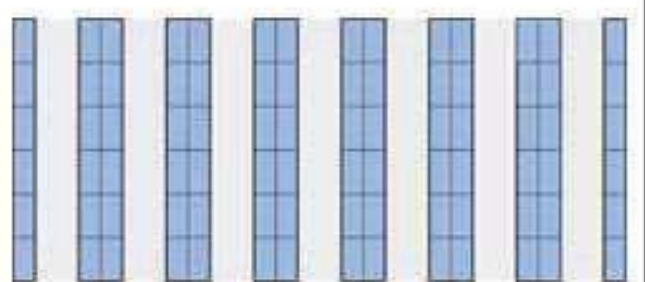
SAVES MORE SPACE V/S A STATIC STORAGE SYSTEM :

Mobile Compactor System is based on the same components as a static system. Mounted onto light or heavy duty base units which can be moved in parallel direction to each other, the system only requires one aisle to provide access to all items in stock. Depending on the system, storage capacity increases between 100 % and 180 % respectively floor space occupation reduces by up to 50%.



Configuration:

2 Static single rows (single sided use) • 6 Static double rows (double sided use)
 Space requirement : 9,650 x 6,100 mm • Floor space gained : 45 %
 Floor space utilization : 45 %



Configuration:

2 Static single rows (single sided use) • 6 Mobile double rows (double sided use)
 Space requirement: 5,300 x 6,100 mm • Floor space gained : 45 %
 Floor space utilization : 85 %



MOBILE COMPACTOR STORAGE SYSTEM

Useful for compact storage small spaces, the Mobile Compactor Systems are designed as per the floor space available and for storage and movement. Customer need is fully studied and solutions discussed prior to the final recommendation. The Mobile Compactor Systems are very Compact and provide smooth mobility and an exclusive locking system for the storage security.

GENERAL ADVANTAGES :

- Economic storage
- Higher floor surface utilization
- Increased storage capacity
- Improved overview of all product lines on stock
- Reduction of floor space costs as compared to static storage
- Increase of storage capacity of up to 180 % over static solutions
- Good utilization of warehouse volume
- Low cost solution
- Base units accept different types of storage systems
- Up to 50 % less floor space occupied
- Direct access to all items
- Effortless manual operation with push handles or cranks

SALIENT FEATURES :

- Custom-made compact system.
- Saves expensive floor space.
- Smooth and easy functioning.
- Prime quality materials and components.
- Locking system is provided for security.
- Built to last.

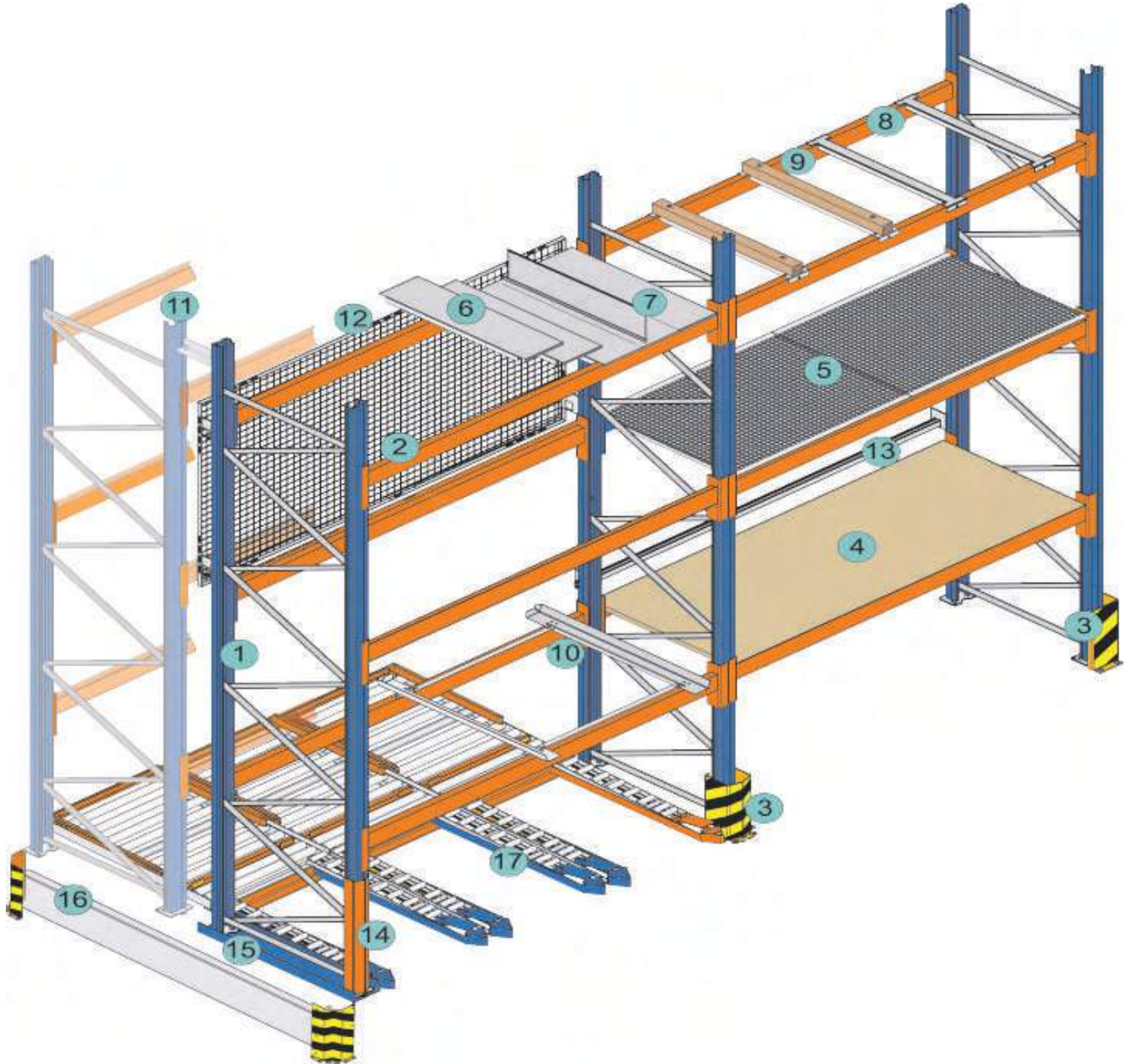
USER INDUSTRIES :

- General Industry
- Pharma & Hospitals
- Libraries & Educational Institutes
- Offices ● Warehousing ● Logistic Companies



PALLET STORAGE SYSTEM (PSS)

- Multiplication of storage surface by multi-tier or highbay storage systems
- Lower investment costs into real estate and buildings as compared to storage at floor level height
- Suited for a high stock rotation frequency
- Direct access to all bays (reference lines) = easy and convenient order picking
- Fast adaptation to changing reference lines without the need of exchanging your service fleet.



Index for above schematic drawing

1 : Frame	2 : Beam	11 : Spacer for back-to-back rows
3 : Column Guard	4. Chipboard Decking	12 : Wire mesh back cladding
5 : Mesh Decking	6 : Drop-over Steel Panels	13 : Back Stopper
7 : Divider	8 : Pallet Support Bar	14 : Upright protector
9 : Pallet Support bar with squared timber block	10 : Support Tray	15 : Load Spreader
		16 : Row guard
		17 : Retro-fit pallet racking : Floor mounted twin track picking unit with load separator for double deep pallet storage, serviced by hand pallet truck.

Compatible MHE

Equipment	Refer to Page No.
Hand Pallet Truck	49
Electric Stacker	50
Electric Reach Truck	51
Electric Forklift	57
Aisle Master	60

PALLET STORAGE SYSTEM (PSS)

Racking Pallet Storage Systems :

The most popular and economical system for pallet storage. Suitable for any type of pallet size and weight to optimize storage. This system can be designed to be serviced with any type of MHE starting from hand pallet trucks at floor level to electric stackers, reach trucks, forklift trucks VNA forklift trucks etc. Advantages : • Cost effective, maximizes available space • Suitable for high-bay warehouses with high storage capacity • Direct access to all the SKU's, easy stock control • Configuration can be easily modified or extended • Lower costs by storing bottom level of pallets on floor



Pallet Storage Systems with Decking Panels :

Pallet Storage Systems with Decking Panels facilitates storage of non palletized items. Ideal for medium to large sized items that can be handled manually. It is a flexible system for managing variety of items. Higher levels can be added by providing catwalks and multi-tier systems.

Advantages : • Loading levels can be customised based on height of the SKU stored. • Integration possible with suitable material handling equipment for moving material to various levels • Goods Lifts can be added on custom fabricated staircases provided for ease of use. • Wide range of accessories available :



MEZZANINE STORAGE SYSTEMS

The mezzanine system is the ideal solution for maximum utilization of building height, multiplying the effective surface area available for storage. They are stand-alone structures, easily assembled and adjustable to any space and customer needs. They use a variety of accessories, such as railings, stairs, pallet unloading points, etc. Mezzanines are either rack supported mezzanines with racks making up the ground level or pillar supported mezzanine.

Advantages :

- Boltless assembly of all basic components
- Full length frames - no joining plates required
- Stiffening beams & additional cross bracing provide for a high load capacity & give structural safety to all bays
- Boltless adjustment of all platforms allows flexible positioning of levels
- Safe & convenient stairways secured by railing
- Useful equipment and accessories
- Galvanised surface finish (Epoxy coating upon request)

Pillar Supported Mezzanines :



Rack Supported Mezzanines :



Compatible MHE for both :

Trolley	Hand Pallet Truck	Electric Stacker	Electric Reach Truck	Electric Forklift
44	49	50	51	57

OUR INSTALLATIONS

Pillar Supported Mezzanine :



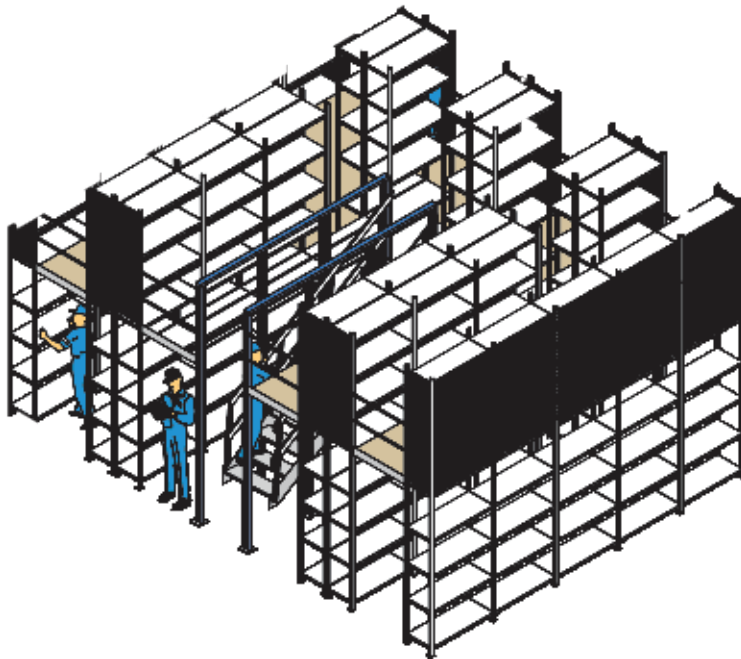
Rack Supported Mezzanines :



MULTI-TIER STORAGE SYSTEM

The Multi Tier Storage System is the ideal solution for manual storage where available space is limited. This storage system is selective, allows direct access to all references stored; and is adaptable to any type of unit load. This storage system gives best utilization of height by creating different aisle levels which are accessed by means of stairs. The Multi Tier Storage System is shelving built into two or more levels. The bottom shelving supports the upper levels. The uprights are heavy duty in order to bear the loads from the upper levels. Multi Tiers are often used where the storage of many articles is required.

- Advantages :**
- Utilisation of storage volume can be increased by up to 100%
 - High degree of floor surface utilisation
 - Simultaneous under picking on several tiers
 - Additional floor space is gained for storage & assembly



Movement of goods inside a Multi Tier Storage System is either manual or assisted by trolleys or even hand pallet trucks, depending on the aisle width of the system. Goods can be moved to higher levels either by Goods lift, carried up stairs (G+1) or to specially configured pallet loading locations on respective levels with suitable MHE such as :

Equipment	Refer to Page No.
Trolley	44
Hand Pallet Truck	49
Electric Stacker	50
Electric Reach Truck	51
Electric Forklift	57

Multi Tier Storage Systems can be configured from either Heavy Duty Pallet Storage Systems capped with Decking Panels (MTPSS) for heavy loads or from Universal Storage Systems components for lighter loads per level (MTUSS).

Multi-Tier Universal Storage Systems:



OUR INSTALLATIONS

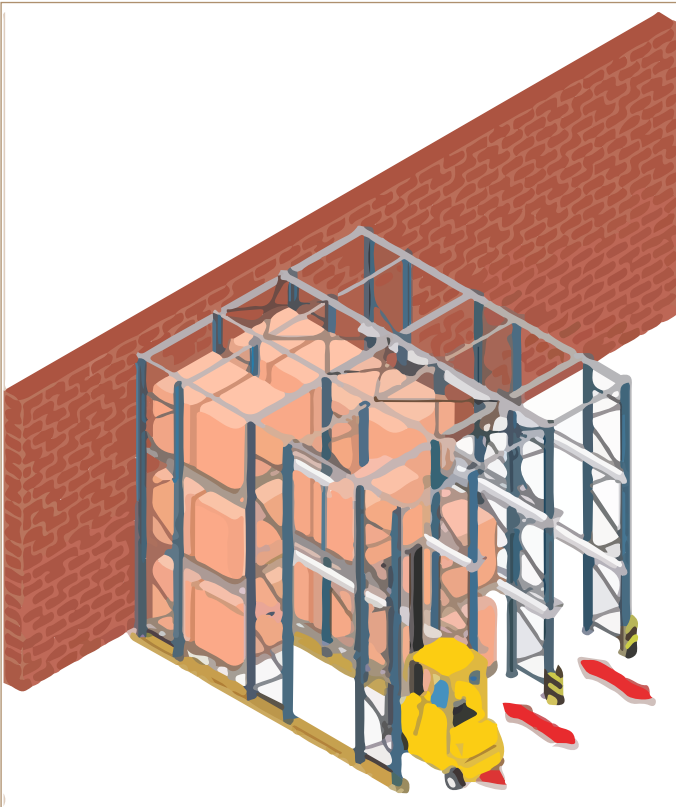


DRIVE-IN SYSTEM

This type of storage is chosen for pressure sensitive goods or unstable storage units which are stored in big quantities. The range of products stored in this system is small to medium-sized and has a low picking frequency. This storage solution is ideal for a small pallet turnover and favours an employment as seasonal store.

General Advantages :

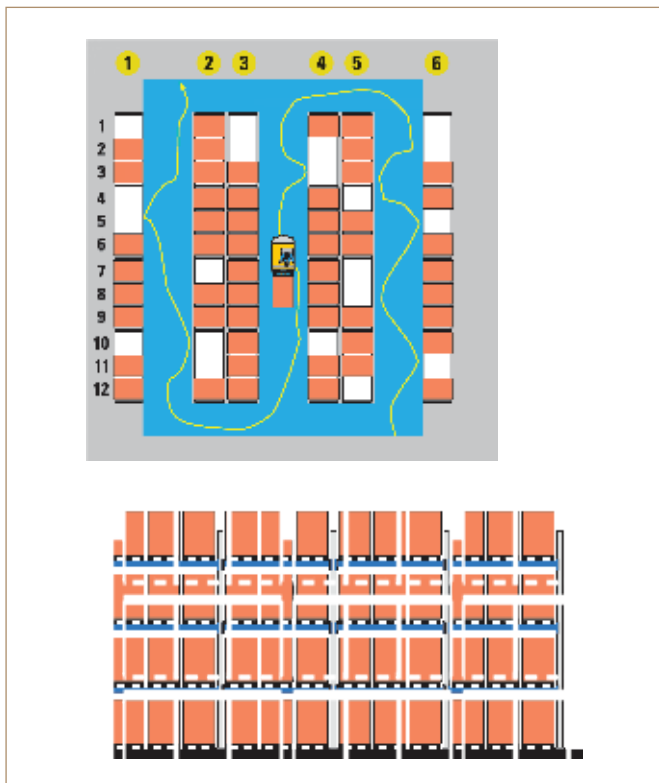
- Compact Storage according to the First In - Last Out principle
- No pressure damage
- Safe storage of pallets with unstable loads .
- High volume utilization due to compact storage
- Optimum volume utilization
- Saves floor space
- Very economic pallet storage systems



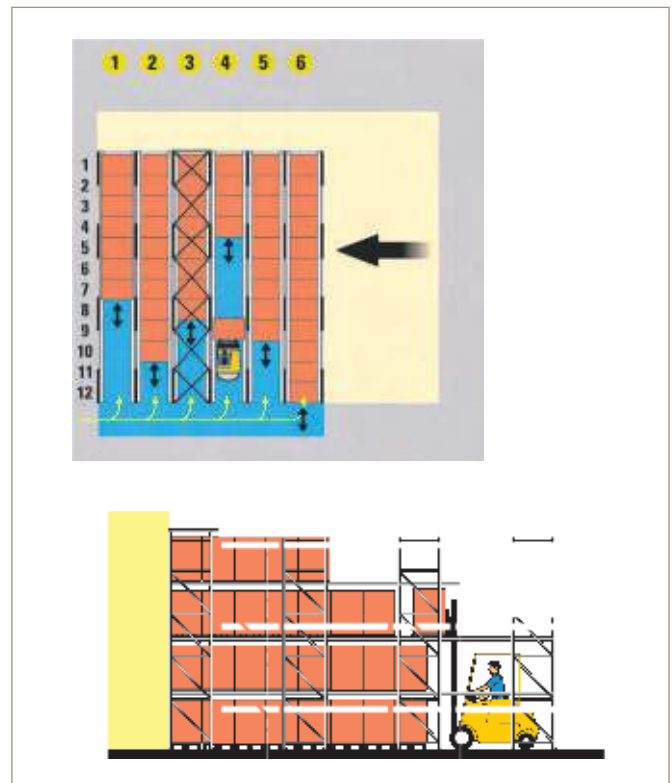
Compatible MHE :

Equipment	Refer to Page No.
Hydraulic Pallet Truck	49
Electric Stacker	50
Electric Reach Truck	51
Electric Forklift	57
Combilift Forklift	62

Pillar Supported Mezzanines :



Drive-In Pallet Storage Systems :



OUR INSTALLATIONS



AUTOMATED STORAGE & RETRIEVAL SYSTEM (ASRS)

Practical storage systems for the growing Indian Industry : Optimizing space efficiency, adaptability and accessibility to all stored items. Systems for warehouses, in-process goods and shop floor. Designing specific solutions tailored to customers needs is our forte; perfection is our passion!

Advantages :

- Quick and easy to assemble, mount & cost-effective installation
- Economical in long run
- Also ideal as storage for archives
- More storage capacity on less floor space
- Increased load capacity due to corner plates
- Direct access to all references
- Very good overview due to clear product presentation
- Can be integrated into almost any storage environment
- Platforms can be conveniently re-adjusted on a 25 mm pitch
- Extension bays can be added whenever required



Compatible MHE :

Equipment	Refer to Page No.
Electric Stacker	50
Electric Reach Truck	51
Electric Forklift	57
Aisle Master	60

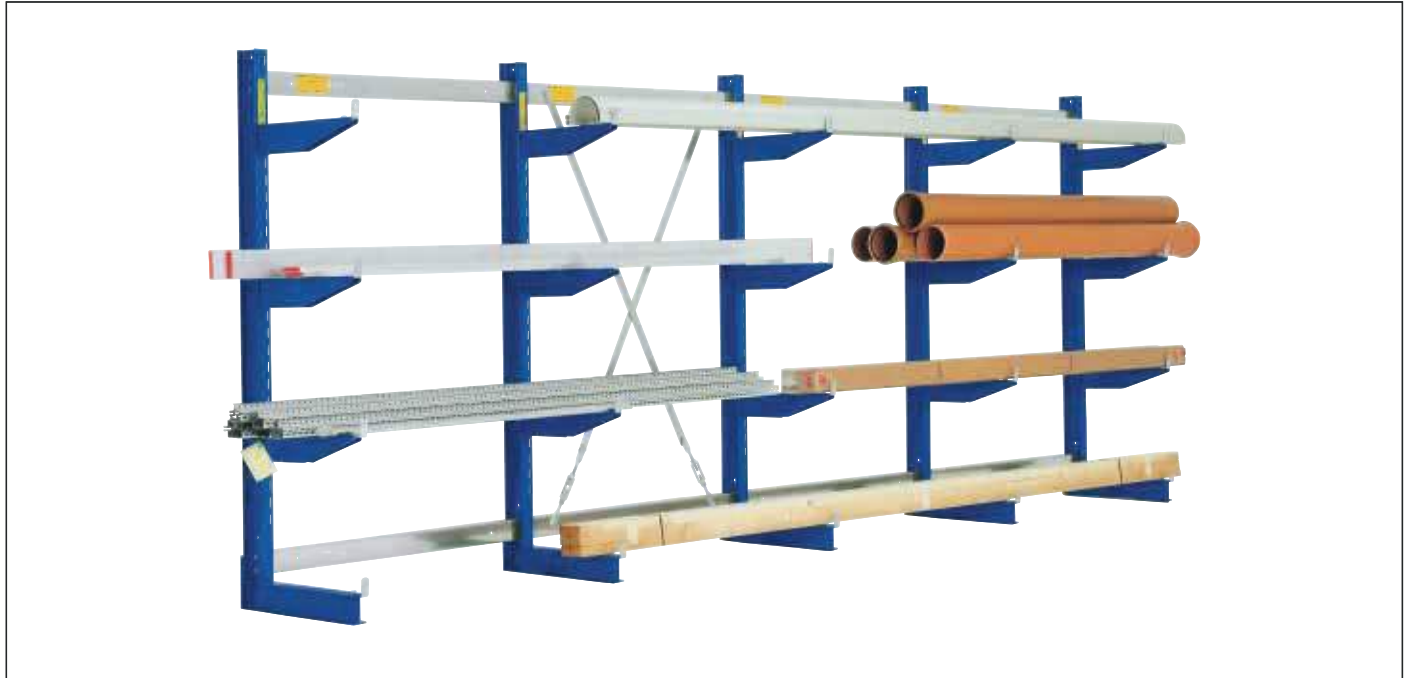
OUR INSTALLATIONS



CANTILEVER STORAGE SYSTEM

- Salient Features :
- Also suitable for vertical storage
 - Tubular arms for coils and vertically stored goods
 - Straight arms with decking levels for flexible long loads & bulky goods.
 - Inclined platform levels with decking for ergonomic order picking of bins & containers filled with small part & components.

Cantilever Storage Systems are designed for single or double sided use, cantilever storage systems are ideal for long loads.



Single sided use



Double sided use

Compatible MHE :

Equipment	Electric Stacker	Electric Reach Truck	Electric Forklift	Combilift Forklift
Refer to page no.	50	51	57	62

OUR INSTALLATIONS



PALLET MOVER SYSTEM

Simple principle for maximum efficiency :

The pallet mover system consists of an automatic shuttle able to move within the drive-in channels offering a high density automated storage. Controlled by an interactive radio transmitter, the pallet mover is able to load, unload and arrange pallets into the drive-in channels. Moved by a fork lift, pallet mover operates in every channel according to the FIFO (First in First out) and LIFO (Last in First out) procedures. A forklift picks up the pallet mover unit, and places it into the center channel of the chosen rack. Thereafter, the forklift places incoming pallet loads on the pallet mover. While the forklift picks up the next pallet to be stored, the pallet mover transports the pallet quickly to its designated storage location within the rack. A wireless remote controls the movement of the pallet mover. The best use for pallet mover is in Cold Storage of food industry where temperatures can reach down to -30°. In such an environment, storage systems have to maximise the number of pallets, feature few aisles so to optimize the ratio benefit/costs. While a pallet mover solution in itself is not a new concept the key differentiator is Nilkamal Storage Systems which brings both specific local and international experience and expertise to work for you.

Main advantages of AUTOSAT® :

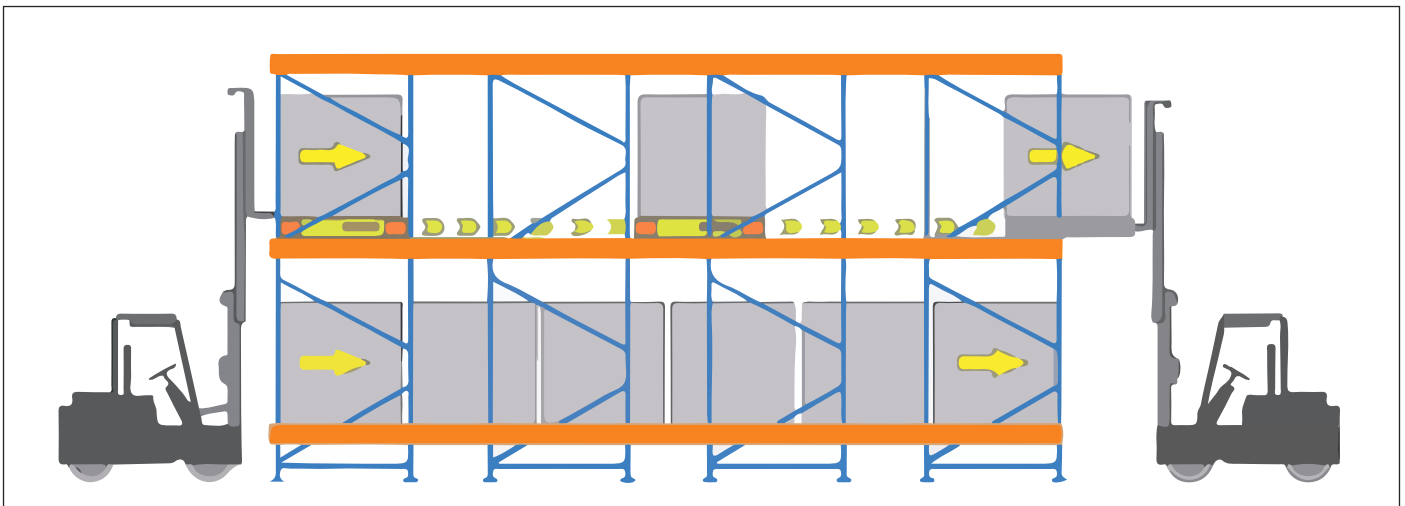
- Efficient system of compact storage for warehouses with low levels of SKU
- Optimising of storage, loading and unloading stages
- Low level of risks or stress to the warehouse operating staff
- Low level of risks or damage to the equipment -loading machinery and racks, thanks to the movement front warehouse

Specific advantages of AUTOSAT® :

- Below Zero BZ mode for environment at low temperatures -down to -30°
- Different models to meet different pallets dimensions
- Setting of gap between pallets through the remote control
- Maximum capacity 1.500 Kg
- Interactive remote control with wave capacity 150 m in open field
- Ion Lithium battery without memory effect

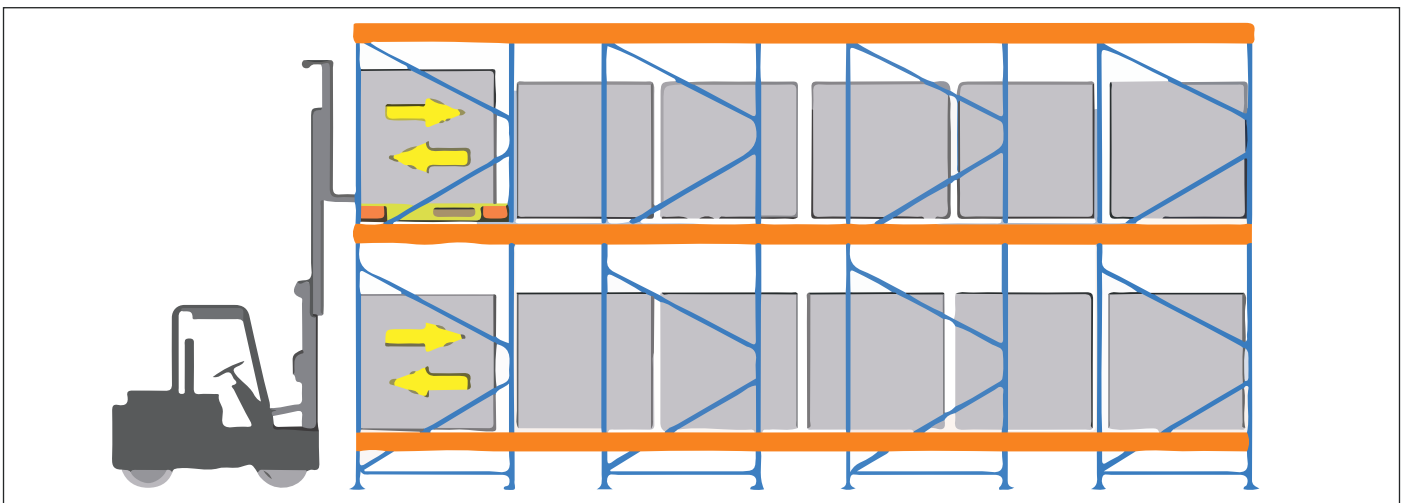
FIRST IN FIRST OUT (FIFO) :

Storage method utilized in the food and pharmaceutical industries due to a precise management of expiry dates. It favors the picking of pallets containing goods produced earlier, hence stored as first. Autosat cooperates in this function allowing storage from one front and picking from the opposite of the racking system. It is necessary therefore, the two fronts of the racks to be free to allow storage and picking.



LAST IN FIRST OUT (LIFO) :

Storage method utilized in the food and pharmaceutical industries due to a precise management of expiry dates. It favors the picking of pallets containing goods produced earlier, hence stored as first. Autosat cooperates in this function allowing storage from one front and picking from the opposite of the racking system. It is necessary therefore, the two fronts of the racks to be free to allow storage and picking.



OUR INSTALLATIONS



KANBAN SYSTEM :

Available Sizes (With 5 levels) :

- 1,000 (W) x 800 (D) x 1,300 (H) mm
- 1,400 (W) x 800 (D) x 1,300 (H) mm

Types :

- Both sides inclined | One side inclined
- Accessories provided :
- Front stoppers on all levels
- 4 Nylon wheels per unit (Rubber or metal wheels can be provided on request)

Applications :

A Kanban storage unit is ideally used for smaller and lighter parts needed frequently. It is mostly used near production or assembly areas.

Salient Features :

- Flexible and mobile storage system for small and medium sized light weight parts
- Galvanized platforms ensure a longer rust free life
- Each level has a load carrying capacity of 150 kg UDL with a bay load of maximum 750 kg
- Sturdy construction of the trolley base stabilizes the entire unit
- High quality wheels ensure smooth and trouble free movement





HÄNEL AUTOMATED VERTICAL STORAGE AND RETRIEVAL SYSTEMS FROM NILKAMAL



The Hanel Leanlift®, RotoMat® and LockoMat® :

Hanel automated vertical storage & retrieval systems save your space & time as against conventional storage systems & time to retrieve your goods.

- Save your occupied floor space
- Saves time in retrieval
- Ergonomic retrieval, No bending, stretching or climbing ladders
- Protect your goods from damage & theft
- Compatible with your IT systems, giving you up to the minute reports of stored goods right at your desk
- Backed by Nilkamal's after sales service.



Leanlift - Ultimate storage system



RotoMat Industrial - Optimize material handling



RotoMat Office - Efficient files retrieval, frees costly office space



LockoMat - Ideal for costly products and data

HÄNEL LEAN-LIFT®

The Hänel Leanlift is both storage rationalization and goods protection in one : At the center of the cabinet is a computer-controlled positioning lift - called the 'extractor'. In front of it and behind it are the storage shelves. This is where the articles are kept in containers. The storage locations are accessed automatically under electronic control by means of the extractor, which stores or retrieves the requested container. The goods are then delivered to the retrieval area at the correct ergonomic height.

Schematic Drawing :



With the Hänel Lean-Lift® we offer you a first-class, high-tech system for storage organization and materials handling that saves time, storage space and costs, and enables a much more efficient workflow.

OVER 60 % MORE SPACE :

The Hänel Lean-Lift® uses the available room height and stores parts in height-optimized positions so that no space is lost. This produces maximum storage capacity on a minimal footprint. This in turn saves costs and helps to utilize the area dedicated to storage more economically.

WORK TIME SLASHED :

The Hänel Lean-Lift® brings the requested item automatically to the access area in seconds, where it can be retrieved at the optimum ergonomic height. Goods to man is the motto instead of man to goods. Access times are radically reduced and order-picking performance substantially improved.

THE RIGHT DECISION :

If you want to improve your intralogistics and reduce costs, you should talk to our product specialists first. They will work with you to develop your own 'tailor-made intralogistics concept'.

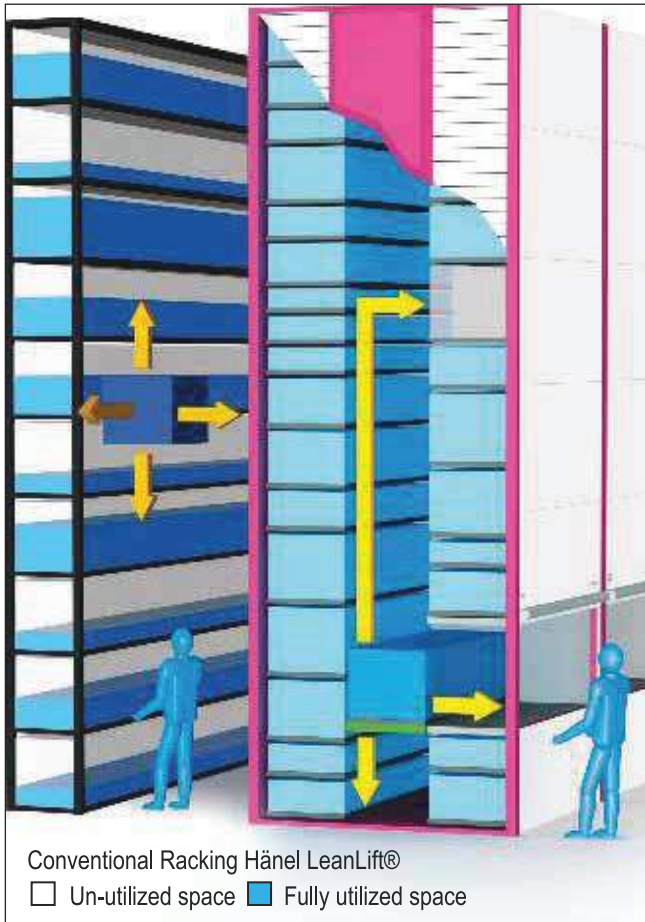


HÄNEL AUTOMATED VERTICAL STORAGE AND RETRIEVAL SYSTEMS FROM NILKAMAL



Distinct advantages over conventional rack storage!

- Advantages :**
- Over 60% more storage capacity over conventional racks
 - Optimum storage of highly varied parts without any loss of space
 - Storage capacity can be adapted step by step
 - More than one person at a time can operate the lift and process jobs
 - Retrieval times reduced
 - Units can be added, expanded or separated later
 - Better utilization of storage volume due to height-optimized storage
 - Decentralized storage right in the production hall.



Accurate height measurement for storing containers in the optimal packing density.

Height-measuring light barriers spaced at 25 mm, 37.5 mm, 75 mm, 90 mm or 125 mm. When the container is drawn in, the highly accurate light barriers measure the articles, and the Hänel microprocessor control system finds the optimum



storage location in the Hänel Lean-Lift®.

At the same time a protruding goods check is carried out. With its height sensors, profile wall and Hänel container technology, the Hänel Lean-Lift® provides vertical optimization and height optimization in one!

Weigh each container accurately The Hänel Lean-Lift® can be equipped



with an optional electronic 4-point weighing system to weigh each container in the access point without any loss of time. The current weight is then shown on the keyboard display. The weighing device allows the maximum load of the individual containers and that of the entire lift to be recorded. The additional

payload is determined with the tare function. Container weight accurately ascertained in the access point with no loss of time thanks to the electronic weighing device

The Hänel Multi Function Container



The Hänel Multifunction containers can be customized to handle highly diverse storage articles make highly diverse demands on the container. The containers are configured according to the weight and size of the goods handled, making each Hänel LeanLift unique. Hänel Multi-function containers are distortion free for smooth operation.



The multi-purpose fold-down support rail



The support rail at the access point can be raised and folded down as required. Storage containers can then be pulled out of the access point on smooth running plastic rollers. This makes work at the Hänel Lean-Lift® even more ergonomic. Heavy parts can



also be removed with a crane. By aligning a heavy duty trolley, complete containers can be taken out of the Lean-Lift®, with the fold-down support rail. This means that even with particularly heavy parts (up to 1,000 kg per container) the container can be moved easily to the required destination. The Hänel Lean-Lift® can also handle bulky goods like Euro Pallets, engine blocks etc.



HÄNEL AUTOMATED VERTICAL STORAGE AND RETRIEVAL SYSTEMS FROM NILKAMAL

THE HÄNEL ROTOMAT

The Hänel Rotomat® creates an enormous amount of storage space on a small footprint. It works on the Ferris wheel principle, i. e. the archives come to the operator, not the operator to the archives. The space created on the footprint can be up to 60% more than using a conventional storage system.



RotoMat Operating Principle

The Hänel Rotomat® Industrial Carousel increases your storage efficiency, speeds up access times and facilitates ergonomic material handling. The extra storage capacity generated means a tremendous cost saving for you!



The Hänel Rotomat® Office Carousel filing and records management system makes use of the room height, so its compact design creates more filing capacity. This means expensive office space is freed for more efficient use.



Hanging Folder and files



Vertical Folder and files



Box files

COLD CHAIN PRODUCTS

The Cold Chain industry in India has taken a giant leap forward and Nilkamal is all set to benefit from this latest Industrial Revolution. We have provided diverse storage systems for various kinds of storage applications for many marine food and shrimp processors as well as for vegetable, fruit and food storage companies. For retail and Clean Room needs, we offer Camshelving® which is a CKD and completely adjustable storage system that has the strength of Stainless Steel without its disadvantages. For transport and storage at the retail level, we have a range of Insulated Ice Boxes and Insulated Fish Tubs that have proven their mettle for demanding customers under stressful conditions not only in India but also across the world.



Multi Tier Racking System For Cold Storage



Ice Boxes



Fish Tubs

ICE BOXES

Innovatively designed with latest technology made from food grade virgin USDA / FDA / EU approved polyethylene PU filled and UV stabilized for keeping hot items hot old items cold.



WT : Without Tap & Vending Lid



WTVL : Without Tap & With Vending Lid



With Tap & Without Vending Lid



With Drain Cap & Without Vending Lid



VL : With Tap / Drain Cap & Vending Lid



DVL : With Dual Vending Lid



Economy Insulated Ice Box



Blow Molded Ice Box



(Vending Cover Lid)



(Plain Lid)

Pvc In-built Hinge Rod Design

Salient Features : Capacities Available from 20 Litres to 250 Litres (More than 60 models) With & Without Tap / Drain Cap & With & Without Vending Lid

- Manufactured from USDA / FDA / EU approved food grade polyethylene. • PU filled & UV stabilized. • Excellent insulation maintains uniform temperature for storage & transportation of frozen food, fish, meat, confectionaries, ice cream, fruits & vegetables, chilled beverages, dairy products & pharmaceutical products. • Hygienic, easy to clean & wash. Strong & durable. Ensures freshness of contents over a long duration.
- Stackable for space saving. • Used for storing chilled soft drinks, perishable items, snacks, pastries & frozen foods. • All the ice boxes are available with & without drain cap / tap & vending lid • Model 100 & 150 ltrs. capacity ice boxes have integral hinges. • 150 ltrs. is available with normal / single / dual / vending lid.

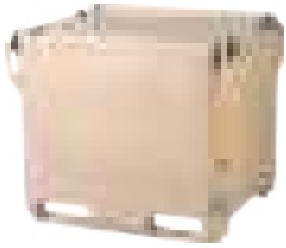
MODEL NO.	DIMENSIONS (L X B X H) in MM. approx.	
	Outer	Inner
RIC10LTRWTIP	374 X 255 X 206	328 X 201 X 152
RIC10LTRWTWIP	374 X 255 X 206	328 X 201 X 152
RICE20LTRWT	410 X 290 X 320	320 X 250 X 255
RIC25LTR	500 X 335 X 303	390 X 282 X 252
RICE35LTRWT	542 X 452 X 239	500 X 410 X 182
RIC50LTR	645 X 405 X 420	520 X 350 X 340
BIC50LTRVL	645 X 390 X 385	570 X 315 X 300
BIC50LWTVLN	620 X 355 X 360	578 X 310 X 305
BIC50LWTN	620 X 355 X 360	578 X 310 X 305
RICE50LTR	605 X 390 X 330	510 X 350 X 285
RIC50LA	645 X 405 X 425	520 X 340 X 340
RIC50LWTA	645 X 405 X 425	520 X 340 X 340
RIC50LVLA	645 X 405 X 425	520 X 340 X 340
RIC50LWTVLA	645 X 405 X 425	520 X 340 X 340
RIC60LTR	625 X 425 X 415	515 X 360 X 330
RIC70LTR	750 X 530 X 430	650 X 430 X 305
RICE70LTROCT	750 X 480 X 380	683 X 415 X 290
RICE100LTROCT	812 X 533 X 430	743 X 464 X 330
RIC100LTR	750 X 530 X 520	650 X 430 X 390
RIC110LTR	755 X 535 X 560	655 X 435 X 392
RIC120LTR	610 X 610 X 650	510 X 510 X 500
RIC150LTR	840 X 575 X 745	680 X 450 X 600
RIC220LTR	1050 X 640 X 750	890 X 520 X 600
RIC250LTR	1015 X 700 X 758	875 X 508 X 615



RIC10LTRWTIP



Abbreviations : RIC : Roto Insulated Crate BIC : Blow Molded Insulated Crate WT : Without Tap / Drain Cap VL : Vending Lid E : Economy OCT : Octagonal LTR : Litres
IP : Ice Packs WIP : Without Ice Packs



RIFT310

OUTSIDE DIMENSIONS (LXBXH) 915 X 715 X 710 MM.
36 X 28 X 28 INCHES

INSIDE DIMENSIONS (LXBXH) 865 X 665 X 575 MM.
34 X 26 X 23 INCHES

HEIGHT OF TUB WITH LID 765 MM.
30 INCHES



RIFT460

OUTSIDE DIMENSIONS (LXBXH) 1230 X 1030 X 580 MM.
48 X 41 X 23 INCHES

INSIDE DIMENSIONS (LXBXH) 1165 X 965 X 430 MM.
46 X 38 X 17 INCHES

HEIGHT OF TUB WITH LID 650 MM.
26 INCHES



RIFT660

OUTSIDE DIMENSIONS (LXBXH) 1230 X 1030 X 750 MM.
48 X 41 X 30 INCHES

INSIDE DIMENSIONS (LXBXH) 1165 X 965 X 600 MM.
46 X 38 X 24 INCHES

HEIGHT OF TUB WITH LID 820 MM.
32 INCHES



Central Protrusions



RIFTE1000

OUTSIDE DIMENSIONS (LXBXH) 1470 X 1180 X 890 MM.
58 X 46 X 35 INCHES

INSIDE DIMENSIONS (LXBXH) 1390 X 1100 X 725 MM.
55 X 43 X 29 INCHES

HEIGHT OF TUB WITH LID 965 MM.
38 INCHES

Legs for extra Stability



RIFT25 WITH LID

OUTSIDE DIMENSIONS (LXBXH) 1220 X 1085 X 890 MM.
48 X 43 X 35 INCHES

INSIDE DIMENSIONS (LXBXH) 1105 X 965 X 695 MM.
44 X 38 X 27 INCHES

HEIGHT OF TUB WITH LID 965 MM.
38 INCHES

Also available in below version



Central Protrusions



RIFT35 WITH LID

OUTSIDE DIMENSIONS (LXBXH) 1220 X 1085 X 1205 MM.
48 X 43 X 47 INCHES

INSIDE DIMENSIONS (LXBXH) 1105 X 965 X 1005 MM.
44 X 38 X 40 INCHES

HEIGHT OF TUB WITH LID 1275 MM.
50 INCHES

Also available in below version



Central Protrusions



New Addition

RIFT630

OUTSIDE DIMENSIONS (DXH) 1235 X 835 MM.
49 X 33 INCHES

INSIDE DIMENSIONS (DXH) 1060 X 665 MM.
42 X 26 INCHES

VOLUME 582 LITERS



New Addition

RIFT630 (INSIDE VIEW)

OUTSIDE DIMENSIONS (DXH) 1235 X 835 MM.
49 X 33 INCHES

INSIDE DIMENSIONS (DXH) 1060 X 665 MM.
42 X 26 INCHES

VOLUME 582 LITERS



Bottom view



RIFTE400

OUTSIDE DIMENSIONS (LXBXH) 1200 X 1000 X 570 MM.
47 X 39 X 22 INCHES

INSIDE DIMENSIONS (LXBXH) 1135 X 935 X 380 MM.
45 X 37 X 15 INCHES

HEIGHT OF TUB WITH LID 640 MM.
25 INCHES



RIFTE600

OUTSIDE DIMENSIONS (LXBXH) 1200 X 1000 X 750 MM.
47 X 39 X 30 INCHES

INSIDE DIMENSIONS (LXBXH) 1135 X 935 X 560 MM.
45 X 37 X 22 INCHES

HEIGHT OF TUB WITH LID 820 MM.
32 INCHES



RIFTE1000

OUTSIDE DIMENSIONS (LXBXH) 1470 X 1170 X 880 MM.
58 X 46 X 35 INCHES

INSIDE DIMENSIONS (LXBXH) 1385 X 1085 X 665 MM.
55 X 43 X 26 INCHES

HEIGHT OF TUB WITH LID 960 MM.
38 INCHES

Also available in below version



Plain Bottom



Central Protrusions



Central Protrusions



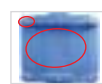
RIFT660NW

OUTSIDE DIMENSIONS (LXBXH) 1235 X 1035 X 750 MM.
49 X 41 X 29 INCH.

INSIDE DIMENSIONS (LXBXH) 1167 X 967 X 600 MM.
46 X 38 X 24 INCH.

HEIGHT OF TUB WITH LID 820 MM.
32 INCHES

Also available in below version



Plain Bottom



Central Protrusions



Central Protrusions

COLD CHAIN PRODUCTS

RACKING SYSTEMS FOR COLD STORAGE :

Nilkamal offers state of the art storage system for various applications such as seafood storage, fresh produce, fruits etc. We are an ISO 9001:2008 Organization having the latest manufacturing systems imported from Europe. With a spectrum of customers spanning India, we are at your service to offer you a comprehensive storage and handling solution.

MULTI TIER RACKING SYSTEM FOR COLD STORAGE :



SHELVING :

With 3 Distinct Lines of shelvings, all kitchens are created equal. Every food service operation deserves to be set up for maximized cost savings, space efficiency, sanitation, food safety & functionality no matter what the size or budget. Shelving storage systems make it all possible, helping food service operators optimize organization, support food safety, improve labor savings, simplify inventory management, reduce food waste and eliminate replacement costs.





SOLUTION FOR THE FOODSERVICE INDUSTRY



RECEIVING RECEIVING



STORAGE CONTAINERS



STORAGE SHELVING



PREP & COOKING



SERVING SERVING



HOLDING & TRANSPORT



DELIVERY DELIVERY



CLEANING & SANITIZING



**Best In Class
Authorized
Distributor
For Leading
Global
Hospitality
Brands**

dipo INDUCTION
global leader of induction solution

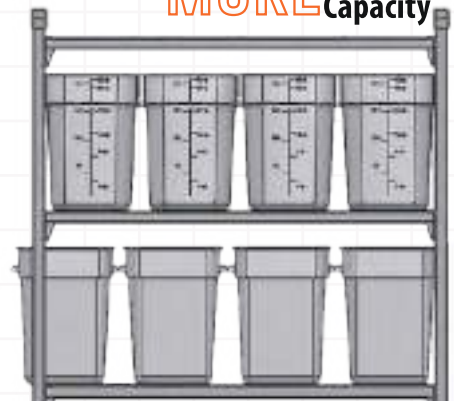




7 Sizes
1,9 to 20,8 L

Material
Polycarbonate

Space Saving
Recessed Handles
Create 25% MORE Storage Capacity



CODE	CAPACITY	DIMENSIONS L x W x H
Polycarbonate Container		
2SFSPROCW	1,9 L	19,1 x 19,1 x 9,8 cm
4SFSPROCW	3,8 L	19,1 x 19,1 x 18,3 cm
6SFSPROCW	5,7 L	22,9 x 22,9 x 18 cm
8SFSPROCW	7,6 L	22,9 x 22,9 x 24,3 cm
12SFSPROCW	11,4 L	29 x 29 x 22 cm
18SFSPROCW	17,2 L	29 x 29 x 33 cm
22SFSPROCW	20,8 L	29 x 29 x 41 cm

Polypropylene Lid

SFC2FPPP	1,9 L & 3,8 L
SFC6FPPP	5,7 L & 7,6 L
SFC12FPPP	11, 17,2 L & 20,8 L

Case Pack: 6 **Container Colour:** Clear (135)
Lid Colours: Translucent Green (265), Translucent Red (266).
 Translucent Blue (267) is available in stock.
Drain Shelf also available in stock 2SFSFPDPP, 6SFSFPDPP, 12SFSFPDPP.

Design Registration Number : 414721-001, 414722-001, 414732-001



Patent Applied For

PC GN Pans and Lids



Features:

- Made of durable Camwear PC that will not crack, bend or dent, precisely designed to gastronom GN specifications.
- Camwear pans keep contents as cold as metal pans with less condensation.
- Pans stack neatly without wedging or sticking.

Won't react with food; minimizes potentially hazardous chemical or acidic reaction.

Virtually unbreakable Camwear withstands temperatures from -40° to 99°C.

Molded-in graduations in standard and metric for easy inventory management.



Uniform 1,27 cm flange ensures a smooth fit in prep tables and food bars.

Non-stick smooth interior surface increases yields and promotes easy cleaning.

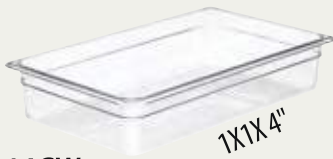
Textured bottoms resist scratching.

Case Pack: 6

GN Pans Colours: Black (110), Clear (135)

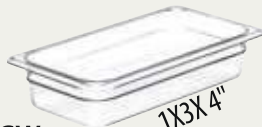
GN Pan Lid Colour: Clear (135)

GN Pan Shelf Colour: Clear (135)



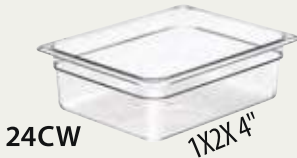
14CW

1X1X 4"



34CW

1X3X 4"



24CW

1X2X 4"



36CW

1X3X 6"



46CW

1X4X 6"



66CW

1X6X 6"



26CW

1X2X 6"



44CW

1X4X 4"



64CW

1X6X 4"



94CW

1X9X 4"

Flat Cover



10CWC

1X1



20CWC

1X2



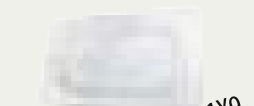
30CWC

1X3



60CWC

1X6



90CWC

1X9

Cover with Handle



10CWCH

1X1



20CWCH

1X2



30CWCH

1X3



40CWCH

1X4



60CWCH

1X6

Notched Cover with Handle



20CWCHN

1X2



30CWCHN

1X3



40CWCHN

1X4



60CWCHN

1X6

Drain Shelves

- Keeps products out of liquids and promotes drainage.



20CWD, 30CWD, 60CWD, 90CWD

Scan QR for



Complete Range

Premium Series Camshelving®

MADE IN
INDIA 

STATIONARY | MOBILE | HIGH-DENSITY

- Easy to clean and adjust.
- Quick and easy to assemble.
- Ideal for coolers, freezers and warewashing areas.
- Strong enough to support the toughest loads.
- Impervious to harsh chemicals and salt water.



Composite material
with a molded-in
steel core



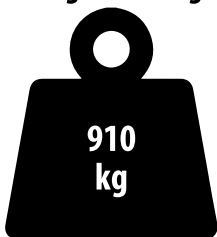
Lifetime Rust Free



Ideal for walk-ins,
freezers, and
dry storage



Weight Bearing



per single unit

Patent pending APPL NO 202521014798
DESIGN REGN 448232, 448234...

STATIONARY | MOBILE | HIGH DENSITY

- Posts and traverses have a steel core and smooth polypropylene exterior for superior strength and durability.
- Traverse dovetails are molded into posts every 10,2 cm.
- Polypropylene shelf plates with permanent, molded-in Camguard®, an antimicrobial technology that inhibits the growth of mold, fungus, and bacteria.
- Sturdy reinforced threaded nylon foot adjusts easily to level units.
- Withstands storage temperatures from -38° to 88°C.
- Lifetime warranty against rust and corrosion.



"Lock tab" design solidly "locks" both post and post connector together for enhanced stability.

Connectors remain engaged on posts even under the most rigorous and demanding storage conditions.

Post Connectors, Corner Connectors, Floor Fastener, Wall Fastener, Identification Tags, Full Wrap Security Cage, Single Shelf Security Cage, Ultimate #10 Can Rack, Shelf Rails, Shelf Divider Bars, High Density Track and Extension Kits are not NSF Listed.



STARTER UNITS

Ship complete in 1 box. Includes factory assembled post frames for quicker assembly.

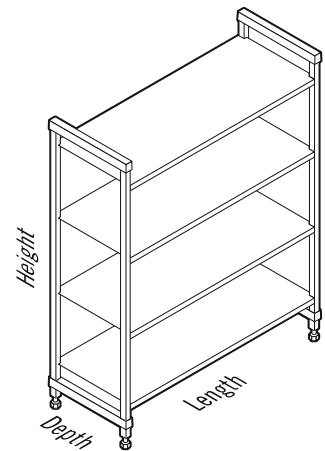
*Units ship in separate post kit (unassembled) and shelf kit cartons due to overall weight.

Stationary

3 Depths	4 Lengths	1 Heights
460 mm	915 mm 1220 mm	1830 mm
540	1070 1525	
610		

Standard Mobile

3 Depths	3 Lengths	1 Heights
460 mm	915 mm	1910 mm
540	1070	
610	1220	



Weight Bearing Capacity

Weight must be evenly distributed across the entire shelf.

		UNIT LENGTH 610 – 1220 MM	UNIT LENGTH 1375 – 1830 MM
SINGLE UNIT	Unit only	910 kg	910 kg
	Shelf only	365	275
	Unit with dunnage stand*	1110	1045
	Bottom shelf with dunnage stand*	545	410
CORNER UNIT*** With 2 Dunnage Stands required	Unit only	820	—
	Shelf only	185	—
	Bottom shelf with dunnage stands*	275	—
MOBILE UNIT	Unit only**	340	—

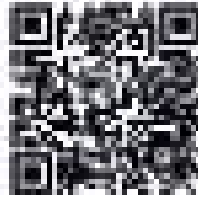
*Dunnage Stands add stability and increase weight bearing capacity on bottom shelf only. Highly recommended for Starter Units 1375 mm and longer, all Corner Units, U-Shape Units and units specified for heavier loads. (See page 04-05).

**Due to the weight bearing capacity of casters, maximum weight load on an entire Mobile Unit is 340 kg.

***Corner connectors are for use only with shelves 610 - 1220 mm long.

New Product Introduction

Scan QR for



Complete Range



The Pro Cart Ultra Pan Carriers

CamGoBox®



CamGoBox Accessories



Mobile Handwash Station

Cambro Mobile Food Vending Cart



INSULATED CONTAINERS



Round Insulated Container



Square Insulated Container

PEDAL WASTE BINS



ROUND WASTE BINS



STAINLESS STEEL GN PANS



1/2
Depth (65, 100, 150)MM
Perforated (3mm, 6mm)



1/4
(65, 100, 150, 200)MM



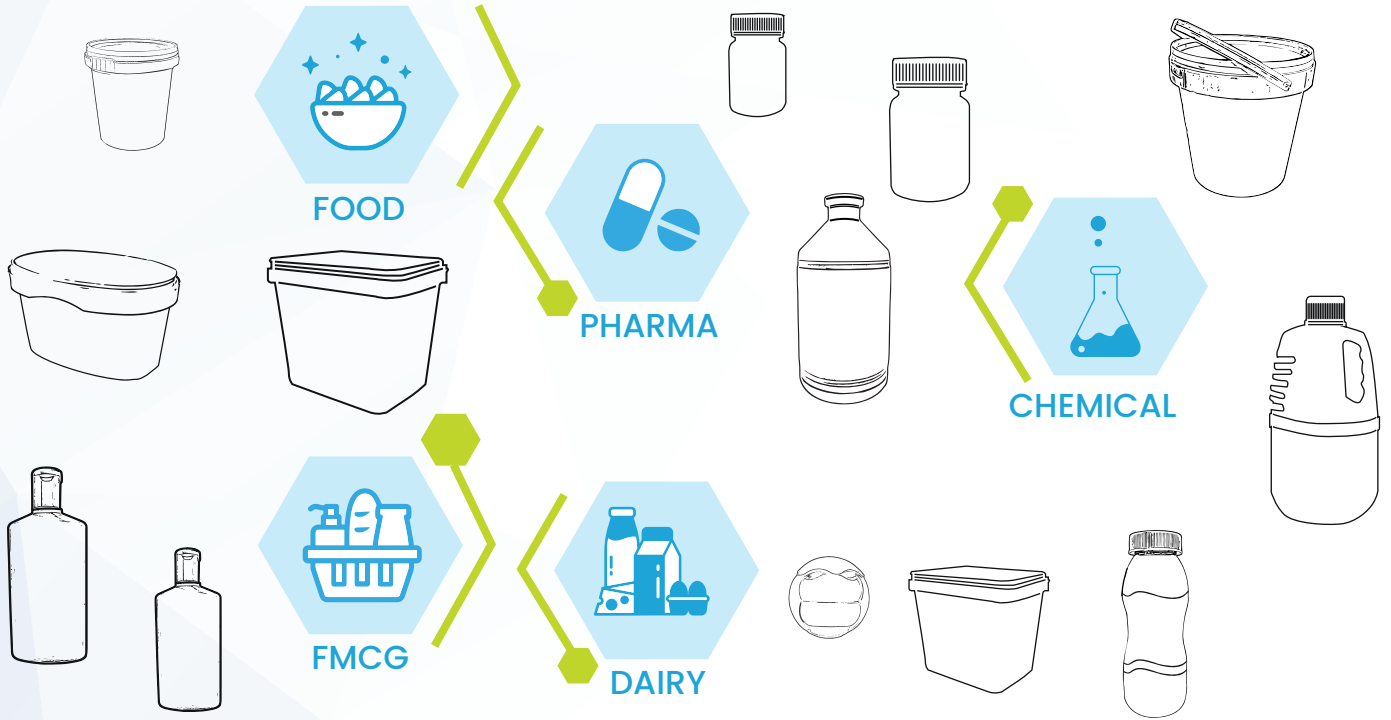
(2/1, 2/3)LID

Scan Here



View PDF

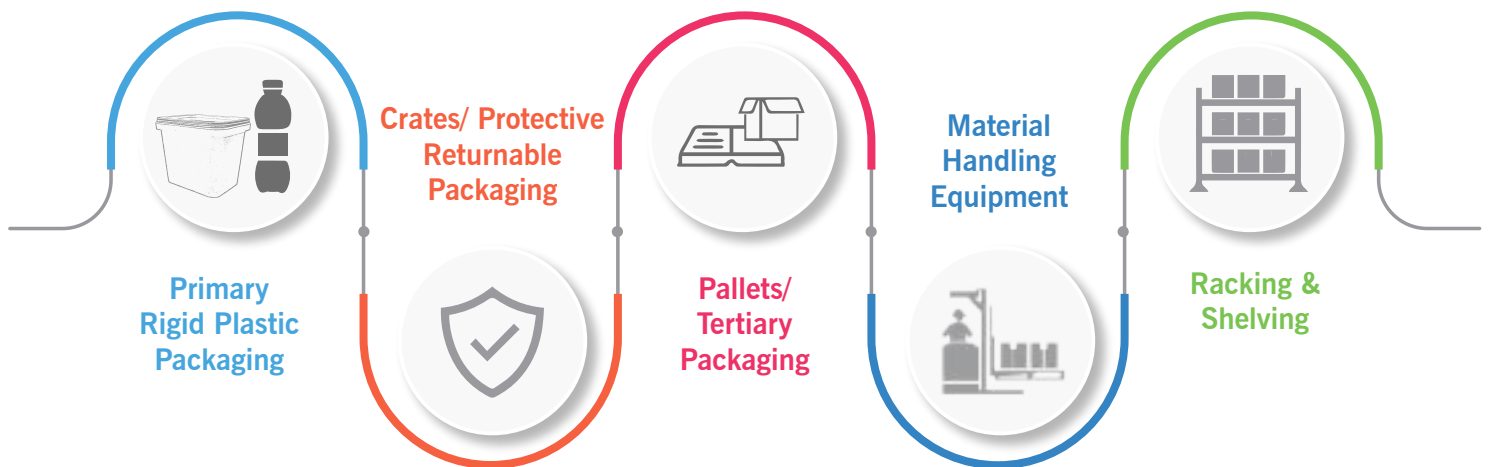
PRIMARY RIGID PACKAGING PRODUCT



PRODUCTS



Press Fit Lid, Tamper Evidence, Reusable, Stackable & Nestable



With the introduction of **Rigid Packaging**, we are positioned strongly as a one-stop solution provider in the material handling and rigid packaging space.

www.nilkamalpackaging.com

INDUSTRIAL PACKAGING SOLUTIONS

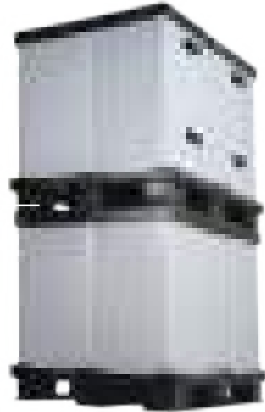
PalletGUARD^{PRO} Sleeve System

The intelligent and complete packaging solution

STANDARD SPECIFICATIONS

Pallet Dimensions		OD (mm)		
		Length	Width	Height
1200 X 1000 - 3 Runner		1200	1000	1000
1200 X 1000 - 9 Leg		1200	1000	980
ID (mm)			System Weight (kg)	
Length	Width	Height		
1120	920	790	39.22	
1120	920	790	39.22	

*Loading capacity will vary with stacking height
 - Sleeve Height: 850 mm
 - Sleeve GSM: 3000



PalletGUARD^{PRO} 1208X Sleeve System

The Reinforced Returnable Packaging Solution
 India's Only 100% in-house manufactured Pallet Sleeve System.

STANDARD SPECIFICATIONS

Pallet Dimensions		OD (mm)		
		Length	Width	Height
1200x800		1210	810	1000
ID (mm)			System Weight (kg)	
Length	Width	Height		
1160	760	780	29.8	

- Sleeve Height: 850 mm
 - Sleeve GSM: 3000



PalletGUARD^{LITE} Sleeve System

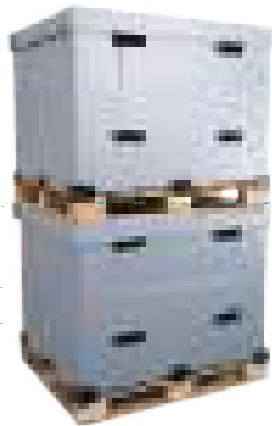
The flexible and efficient packaging solution

STANDARD SPECIFICATIONS

PalletGUARD^{LITE} Sleeve System includes:

- + 4 corner brackets
- + 4 side brackets with sleeve locking
- + 1 collapsible BubbleGUARD Sleeve
- + 1 BubbleGUARD Lid
- + Wooden Pallet (optional) sold separately

*Recommended for 1+1 stacking



PalletGUARD^{NEO}

Durable and lightweight pallet

STANDARD SPECIFICATIONS

Pallet Dimensions*	Ground Clearance
Customisable	120 mm
Loading Capacity**	Fork Lift Access
800 KG	From 4 Sides

● 120 mm Ground Clearance



Nestable Space Saving Design



PackGUARD

Strong durable sheets for fabricated boxes

STANDARD SPECIFICATIONS

Test Type	Strength Value
Breaking Strength	29.85 kgf / 15mm (ASTM D 638)
Edge Crush	2.54 / m (IS - 7063)
Puncture Resistance	76.86 kgf / cm (IS - 4006 - 2)

Note: Test values for 700 GSM



SheetGUARD

Strong and rigid interlayer sheets

STANDARD SPECIFICATIONS

Test Type	Strength Value
Puncture Resistance	107.97 kgf / cm (IS - 4006-2)
Edge Crush	5.13 kN / m (IS - 7063)
Tensile Strength	35.49 kgf / 15mm (ASTM D 638)



CoilGUARD

Engineered rolls for specialised coil packaging

STANDARD SPECIFICATIONS

Test Type	Strength Value
Breaking Strength	11.76 kgf / 15mm (ASTM D 638)
Puncture Resistance	22.88 kgf / cm (IS - 4006-2)
Elongation	26.48 % (ASTM D 638)

Note: Test values for 300 GSM

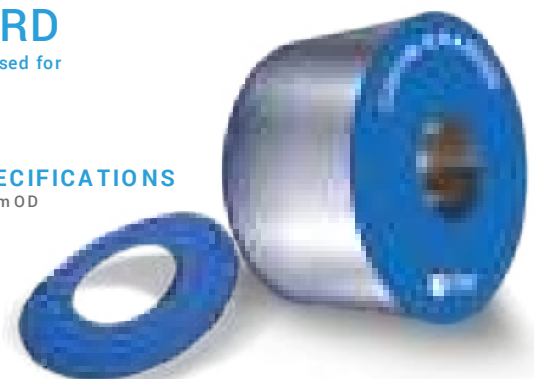


DiscGUARD

Side guards customised for coil packaging

STANDARD SPECIFICATIONS

Dimension: up to 1600 mm OD
 GSM: up to 1500



HOUSEHOLD



RC10L1

With flexi handle
With thick handle
(standard weight / heavy weight)



RC12L1

With flexi handle



RC10L2/RC12L2 10L /12L

With Swing lid



RC15L1

With flexi handle



BMCONLID10L1

With flexi handle
(standard weight / heavy weight)



BMCONLID15L1/
BMCONLID20L1

With flexi handle



BMCONLID35L1/
BMCONLID40L1/
BMCONLID50L1



BMCONLID80L1

WHEELED BINS



RWB90L1



WB120L1



WB240L



WB360L



WB120L2
Dome shape lid



WB240L2
Dome shape lid



WB240L3

STREET COLLECTION



CC33325WH



CC33375WH



RCSQ40L / RCSQ50L



CC33460WH



LID33460

Dimension: 365 (L) x 365 (W) x 25 (H)



RCRECT255L



RCRECT65L



RCRECT110L



RCRECT150L1 / RCRECT240L1

COMMUNITY BINS



WB660L1

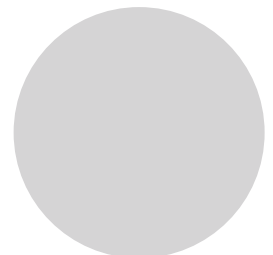
(Available with foot pedal operator)



WB1100L



(Windows option available)



(Available with foot pedal operator)

COMPOST BIN



COMP120

Capacity : 120 Ltr
for household family of 6-8 person

Usage : Kitchen waste, daily waste disposer

Method : Organic waste using bio culture and additive sawdust / paper / shredded cocopeat

Advantages : Movable and with door for black gold remover



COMP240

Capacity : 240 Ltr
for small society upto 40 flats

Usage : Kitchen waste and dry garden shredded daily waste

Method : Batch system cycle of 15 days organic waste using bio culture and additive sawdust / cocopeat / dry shredded garden waste

Advantages : Movable

ROUND CONTAINER WITH FLAT LID



RC40L



RC60L Flat lid



RC80L Flat lid

CONTAINER / BINS WITH SWING LID



RC40L2



RC60L2



RC80L2WH



RFLB100L2

TWIN DUSTBIN 10L EACH



TDB10LPGR/BLU/IBK
 Dimensions : 285(L) X 305(W) X 410(H) MM
 (Available in single color option)



Usage : This dustbin comes with two bins for the segregation of dry and wet waste. The government is also promoting the segregation of waste under the 'Swachh Bharat Mission'. Also, both bins can be removed separately for convenient handling. The bins are easy to clean and maintain.

Colors : Available in single color option.



CANE DUSTBIN



DB12LCANESRB(Season Rust Brown)
 Dimensions : 32.3(W) x28.3(D) x 33.9(H) MM



DB12LCANECCG(Charcoal Grey)
 Dimensions : 32.3(W) x28.3(D) x 33.9(H) MM

Usage : The cane dustbin will be another additions and will compliment the cane series with laundry basket. This dustbin comes with in two pieces so the outer basket doesn't get soiled. And inner basket is easy to clean and maintain.

Colors : Available in 2different color options.



ROAD SAFETY PRODUCTS

Welcome to the Road Safety Products from Nilkamal Limited, India's No 1 Organization in Material Handling. These uniquely designed and well engineered barriers, barricades and other traffic movement regulation products facilitate easy handling and are also easy to install or fit. They are manufactured from premium grade UV stabilized virgin polyethylene material. Designed to interlock easily, Nilkamal barricades can readily form a wall. The barriers have been designed to withstand high wind pressure generated by fast moving vehicles and are also more effective, more stable and safer compared to conventional products such as drums, posts and such like used to form temporary barricades. Strips of retro-reflective sheets are also pasted on the barriers to enhance visibility during night.

PERFORATED BARRICADE FENCES :



Model : **RMBPF20041000**
 Outside Dimensions : **2020(L) x 400(W) x 1265(H) mm**
 Effective length : **2000 mm (2 meter barricade)**
 Available Colors : **Red & Yellow**



Model : **RMBPF21041000**
 Outside Dimensions : **2160(L) x 400(W) x 1250(H) mm**
 Effective length : **2000 mm (2 meter barricade)**
 Available Colors : **Red & Yellow**



Model : **RMRBDA2160840**
 Outside Dimensions :
2100 (L) x 600 (W) x 840 (H) mm. approx.
 Available Colors : **Red & Yellow**



Model : **RMRBDI1246790**
 Outside Dimensions :
1260 (L) x 455 (W) x 795 (H) mm. approx.
 Available Colors : **Red & Yellow**



Model : **RMRBDA21601000**
 Outside Dimensions :
2100 (L) x 600 (W) x 1000 (H) mm. approx.
 Available Colors : **Red & Yellow**



Model : **RMRBDC1004400**
 Outside Dimensions :
1125 (L) x 400 (W) x 400 (H) mm. approx.
 Available Colors : **Red**



Model : **RMRBDB1306850**
 Outside Dimensions :
1325 (L) x 600 (W) x 850 (H) mm. approx.
 Available Colors : **Red & Yellow**



Model : **RMRBDD15041000**
 Outside Dimensions :
1640 (L) x 400 (W) x 1000 (H) mm. approx.
 Available Colors : **Red & Yellow**

ROAD SAFETY PRODUCTS

SAFETY BARRICADES (INTERLOCKING & WATER FILLABLE) :



Model : **RMRBDM17041000**
 Outside Dimensions :
1700(L) x 400(W) x 1000(H) mm
 Effective length : **1500 mm**
 Available Colors : **Red & Yellow**



Model : **RMRBDN1606980**
 Outside Dimensions :
1655(L) x 650(W) x 980(H) mm
 Effective length : **1650 mm**
 Available Colors : **Red & Yellow**



Model : **RMRBDJ21051000**
 Outside Dimensions :
2100(L) x 580(W) x 1020(H) mm
 Effective length : **2000 mm (2 meter barricade)**
 Available Colors : **Red & Yellow**



Model : **RMRBDM17041000**
 Outside Dimensions :
1700(L) x 400(W) x 1000(H) mm
 Effective length : **1500 mm**
 Available Colors : **Red & Yellow**



Model : **RMRBDP20051000**
 Outside Dimensions :
2000(L) x 550(W) x 1000(H) mm
 Effective length : **2000 mm**
 Available Colors : **Red & Yellow**



Model : **RMBULLNOSE600**
 Outside Dimensions :
1320 (L) x 1200 (W) x 1010 (H) mm
 Weight : **40 Kgs (+/- 2%)**
 Available Colors : **Red & Yellow**

HEXAGONAL SAFETY CONES :



HEXAGONAL SAFETY CONE (SMALL) :
 Models : **RMHEXDC750**
RMHEXDC750HW (Heavy Weight)
 Outside Dimensions :
420 (L) x 370 (W) x 750 (H) mm. approx.
 Available Color : **Red**



HEXAGONAL SAFETY CONE (BIG) :
 Models : **RMHEXDC1000**
RMHEXDC1000HW (Heavy Weight)
 Outside Dimensions :
420 (L) x 370 (W) x 1000 (H) mm. approx.
 Available Color : **Red**
 Also Available : **HW (Heavy Weight) Models**

ROAD LIGHT BARRIERS :



Models : **RMHLS6081275**
 Outside Dimensions :
600 (L) x 80 (W) x 1275 (H) mm. approx.
 Available Color : **Olive Green**



Models : **RMHLS45201310**
 Outside Dimensions :
450 (L) x 195 (W) x 1310 (H) mm. approx.
 Available Color : **Olive Green**

ROAD SAFETY PRODUCTS

SAFETY BARRICADES (INTERLOCKING & WATER FILLABLE) :



Model : **RMRBDA2160840**

Outside Dimensions :
2100 (L) x 600(W) x 840(H) mm

Effective length : **2000 mm (2 meter barricade)**

Available Colors : **Red & Yellow**



Model : **RMRBDI1246790**

Outside Dimensions :
1260(L) X 455(W) X 795(H) mm

Effective length : **1200 mm (1 meter barricade)**

Available Colors : **Red & Yellow**



Model : **RMRBDA21601000**

Outside Dimensions :
2100 (L) X 600(W) X 1000 (H) mm

Effective length : **2000 mm (2 meter barricade)**

Available Colors : **Red & Yellow**



Model : **RMRBDO1203600K**

Outside Dimensions :
1200(L) x 350(W) x 600(H) mm

Available Colors : **Red & White**



Model : **RMRBH1005800**

Outside Dimensions :
1000(L) x 500(W) x 800(H) mm

Available Colors : **Red & Yellow**



Model : **RMRBC1401500 (Connector)**

Outside Dimensions :
1465(L) x 160(W) x 500(H) mm

Available Colors : **White**



Assembled barricade



Model : **RMRF18441900**

Outside Dimensions : **1850 (L) x 440 (W) x 1885 (H)**

Available Color : **Black**



Head Office : Nilkamal Limited , Nilkamal House, Street No. 14, M.I.D.C., Andheri (East),
Mumbai - 400 093, India, **Toll Free : 1800 890 9115** • Tel. : +91-22 4235 8888 / 2836 1366,
E-mail : marketing@nilkamal.com • Visit us at : www.nilkamalmaterialhandling.com



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