

INDUSTRIAL CARTS AND STORAGE

Panel trucks, cylinder trolleys, storage trolleys, bar racks, stack racks, reel racks, wagon trucks, drum dollies and platform trucks - type range and reference dimensions.

RANGE OF THIS FILE

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SCOPE AND SOURCING

This file collects the industrial cart, trolley, rack, tray and dolly range Balford quotes, with the reference dimensions normally used to size an enquiry. Sheet metal and tube parts - platforms, decks, frames, side panels, shelves, guards and brackets - are quoted as a sheet metal build. Castors, rubber and polyurethane wheels, plastic decks, straps and other purchased components are bought out and supplied fitted; we do not make those parts ourselves.

Dimensions, weights and load ratings are nominal reference data taken from the range data, in millimetres and kilograms unless stated otherwise. Model codes are the range codes. Confirm the drawing, the load rating, the finish and the packing against your order before manufacture.

Panel Trucks PTH series

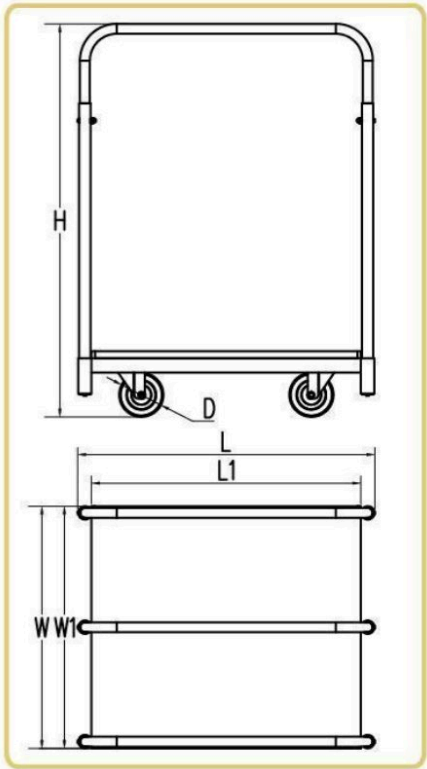
- ▲ Removable uprights fit any size load.
- ▲ Rugged steel supports handle any cargo.
- ▲ Open Deck Panel Truck – Lightweight and easy to use. 11" space between uprights.
- ▲ Carpeted Deck Panel Trucks – Padded surface for scratch-free loading and unloading. 11" space between uprights.
- ▲ PTH3060C - 13" space between uprights.



PTH3060C



PTH2730C



		1016301	1016302
Model		PTH2730C	PTH3060C
Capacity	kg(lb.)	455(1000)	
Platform Size	L1xW1 mm(in.)	755x680(29.7x26.8)	1520x760(59.8x29.9)
Castor Wheel Dia.	D mm(in.)	Φ125(5)	
Overall Size	LxWxH mm(in.)	762x685.8x1114 (30x27x43.9)	1524x762x1114 (60x30x43.9)
Net Weight	kg(lb.)	27.1(59.6)	41.2(90.6)

Cylinder Trolley AC series

- ▲ Handles comply with relevant safety regulations.
- ▲ Cylinder holder with securing safety chains.
- ▲ Solid rubber wheels each with roller bearings.
- ▲ Standard model powder-coated.

i-Lift No.	1014301	1014302
Model	AC10	AC20A
Type	One Cylinder	Two Cylinders
Cylinder Capacity (litres)	10 / 20 / 40 / 50	40 / 50
Cylinder Diameter (mm)	140-250	210-250
Wheel Dia.xWid (mm)	Rubber Φ200x40	Rubber Φ400x50
Overall Size LxWxH (mm)	660x600x1360	700x700x1380
Net Weight (kg)	17	45



AC10



AC20A

Ergo Gas Cylinder Truck AC

- ▲ Support foot or support wheel prevent back pains.
- ▲ With support steering wheel for easy travel.
- ▲ Cylinder holder with chain protection.
- ▲ With holders for 2 steel cylinders.
- ▲ Solid rubber wheels each with roller bearings.
- ▲ Standard model powder-coated.

Model	1014303
	AC20B
Type	Two Cylinders
Cylinder Capacity (litres)	40 / 50
Cylinder Diameter mm(in.)	210-250(8.3-10)
Wheel mm(in.)	Rubber Φ400x50(16x2)
Support Castor mm(in.)	Nylon Φ200x30(8x1.1)
Overall Size LxWxH mm(in.)	750x550x1420(30x21.7x56)
Net Weight kg(lb.)	50(110)



Gas Cylinder Rack AC

- ▲ For 2 steel cylinders.
- ▲ Drill holes to fasten to wall and other cylinders.
- ▲ Safety chain.
- ▲ Standard model powder-coated.

Model	1014304
	AC20C
Type	Two Cylinders
Cylinder Capacity (litres)	40
Cylinder Diameter mm(in.)	230(9.1)
Overall Size LxWxH mm(in.)	540x360x1000(21.3x14.2x40)
Net Weight kg(lb.)	18(39.6)



Fold-down Cylinder Hand Truck TY series

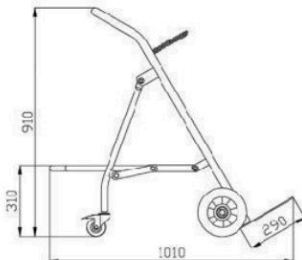
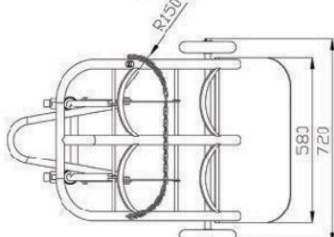
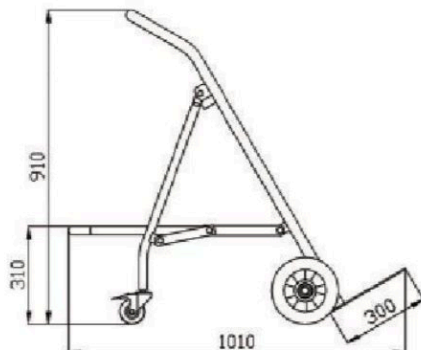
- ▲ Designed to transport oxygen cylinder and acetylene cylinder with ease.
- ▲ Easy fold-down for storage.
- ▲ All steel metal construction. (stainless is available).
- ▲ Solid rubber wheels are with wear-resisting usage.



TY120



TY120A



TY120



TY200A

		1014401	1014402	1014403	1014404	1014405	1014406
Model.		TY120	TY200	TY120A	TY120B	TY200A	TY200B
		Single Cylinder	Double Cylinder	Single Cylinder		Double Cylinder	
Material		Carbon Steel		201SS	304SS	201SS	304SS
Capacity	kg (lbs)	120(264)	200(440)	120(264)		200(440)	
Cylinder Diameter	mm (inch)	Φ140-300 (5.5-12)					
Wheel (Rubber)	mm (inch)	Φ200x40 (8x1.5)					
Castor	mm (inch)	Φ75x30 (3x1.1)					
Net Weight	kg (lbs)	18(39.6)	25(55)	18(39.6)	15(33)	20(44)	20(44)

Mezzanine Gate MG series

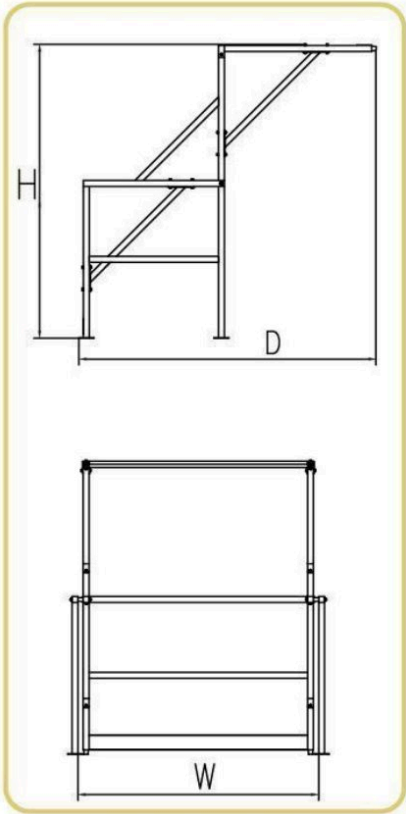
- ▲ Swing gate allows easy and safe access to mezzanines using manual swing-action gates on each end.
- ▲ Gates swing up and down to provide a usable area 1800mm-3000mm W x 2100mm D x 2020 H.
- ▲ Swing gates are balanced for ease of operation without use of springs.
- ▲ Mezzanine safety gate is made of heavy duty welded steel.
- ▲ Space saver detachable compact design
- ▲ Conforms to EN ISO 14122-3.



MG1628A



MG1000



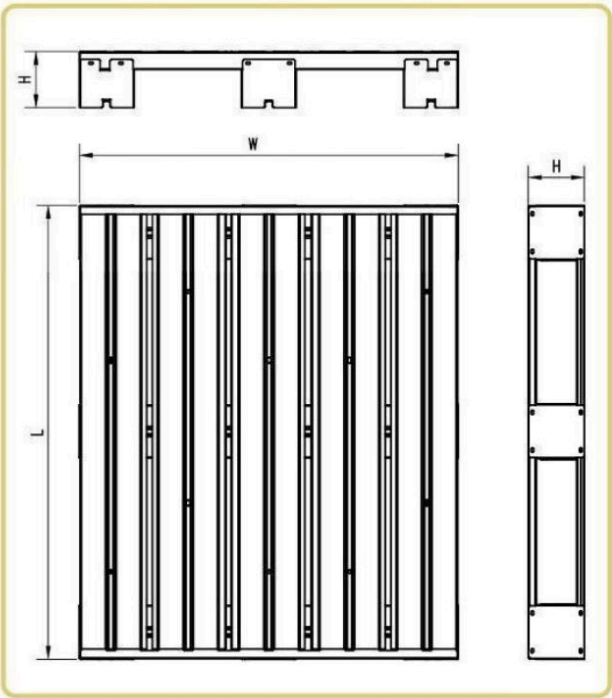
		1616101	1616102	1616103	1616104
Model		MG1000	MG2000	MG2800	MG1628A
Inside Width	W mm(in.)	1632(64.3)	2000(78.7)	2800(110)	1630(64.2)~2830(111.4)
Overall Depth	D mm(in.)		1915(73.4)		2048(80.6)
Overall Height	H mm(in.)		2032(80)		2018(79.4)
Assembly		Unassembled			Unassembled
Net Weight	kg(lb.)	75(165)	80(176)	95.5(210)	95.5(210)

Galvanized Tray GSP series

- ▲ Galvanized steel pallet is rust resistant making it ideal for corrosive environments.
- ▲ Heavy duty welded steel pallet has a galvanized finish for rust resistance.
Fork openings allow 4-way fork access for fork trucks and pallet jacks.
- ▲ Base includes 3 deck board stringers for increased strength and rigidity.



GSP4840



			2514201	2514202	2514203
Model			GSP4840	GSP1208	GSP1210
Capacity	Floor	kg(lb.)	18180(40000)	3000(6600)	
	fork	kg(lb.)	4545(10000)	2000(4400)	
	Racking	kg(lb.)	1590(3500)	1000(2200)	
Dimensions	Length	mm(in.)	1219(48)	1200(47.2)	
	Width	mm(in.)	1016(40)	800(31.5)	1000(39.4)
	Height	mm(in.)	121(4.75)	145(5.7)	
Entry			4-way entry		
Net Weight	kg(lb.)		36.5(80.3)	26(57.2)	30.5(67.1)

Storage Trolley with Angle CG series

- ▲ Heavy duty steel trolley with good strength.
- ▲ 2 swivel castors with brake and 2 fixed wheels, $\phi 150\text{mm}$.
- ▲ Standard model power-coated RAL 5012.
- ▲ Three side guardrail to prevent falling.
- ▲ Shelf with angle to prevent loads from sliding and falling.



CG50B



		2514101	2514102
Model		CG50B	CG50C
Capacity	kg(lb.)	500(1100)	
Overall Length	mm(in.)	1470(57.9)	1770(69.7)
Overall Width	mm(in.)	670(26.4)	820(32.3)
Overall Height	mm(in.)	1740(68.5)	1740(68.5)
Shelf Size	mm(in.)	1220x610(48x24)	1520x760(60x30)
Interlayer Spacing	mm(in.)	350(13.8)	
Fixed Wheel	mm(in.)	$\Phi 150(6)$	
Swivel Caster	mm(in.)	$\Phi 150(6)$ with brack	
Net Weight	kg(lb.)	95(210)	121(267)

Expandable Vertical Starter Bar Rack EVR series

- ▲ Order Starter rack then Extension rack for added width.
- ▲ Weight capacity is 4000 lbs total evenly distributed load.
- ▲ Each rack includes (3) adjustable dividers. Divider Hole Spacing 5", divider Hole Quantity 9.
- ▲ Multiple units may be joined in-line or back-to-back. Ships knock-down; assembly required.



EVR106



EVR59

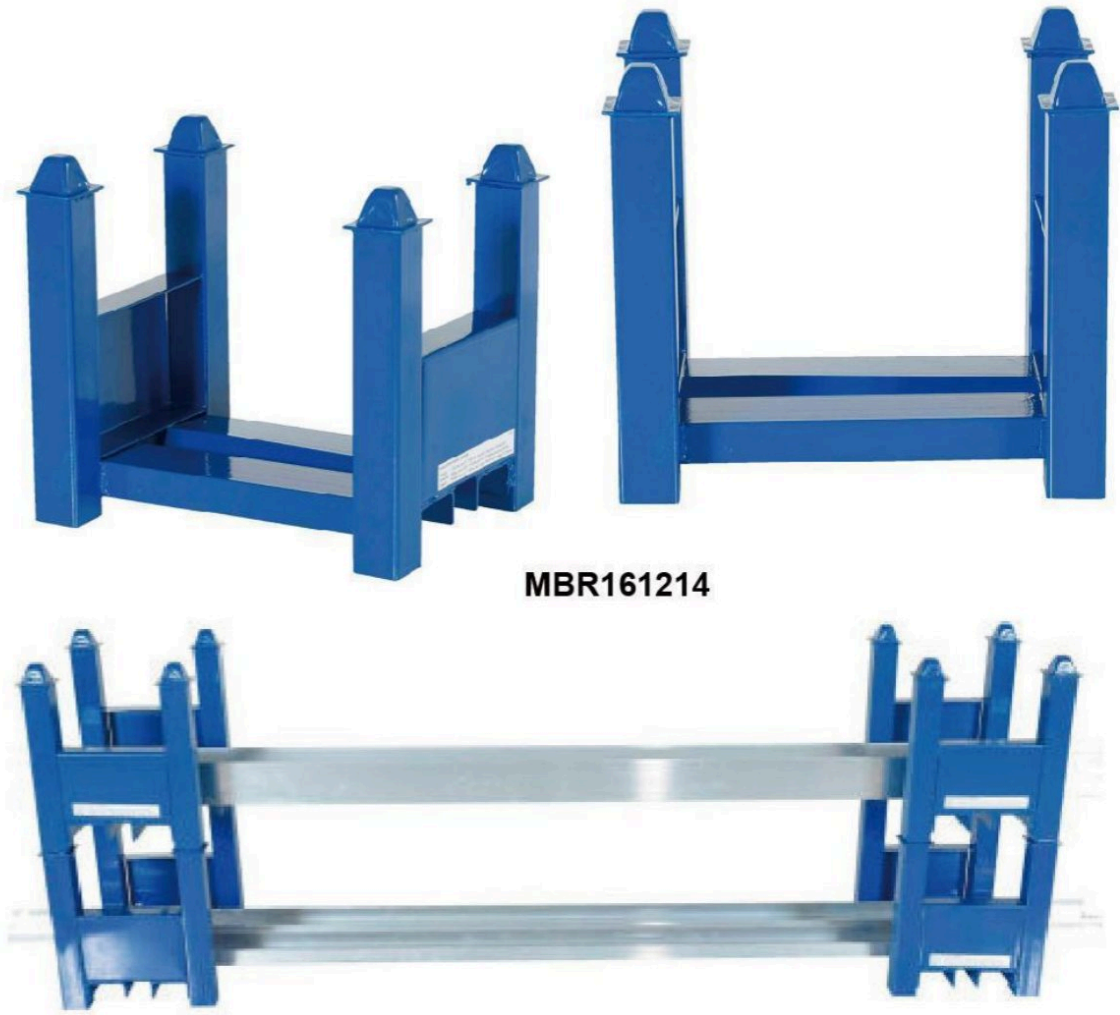


EVR106A

		2514401	2514402	2514403	2514404
Model		EVR106	EVR106A	EVR59	EVR59A
Weight Capacity	kg(lb.)	1818(4000)	1818(4000)	1818(4000)	1818(4000)
Depth	mm(in.)	580(23)	580(23)	560(22)	560(22)
Height	mm(in.)	2690(106)	2690(106)	1500(59)	1500(59)
Width	mm(in.)	1345(53)	1295(51)	1345(53)	1295(51)
Net Weight	kg(lb.)	80(176)	65.5(144.1)	58(127.6)	44(96.8)

Bar Rack Horizontal Stacking MBR

- ▲ These efficient, low-cost modular bar storage racks take only minutes to set up.
- ▲ Stacks up to 5 high. Sturdy, yet lightweight and easy to handle.
- ▲ Provides highly flexible storage for all types of materials. Installations are expandable in width, height and length.
- ▲ Storage racks are easily shifted to meet changing storage requirements.
- ▲ Simply stack to the depth, height and width you require for space-saving economical storage.

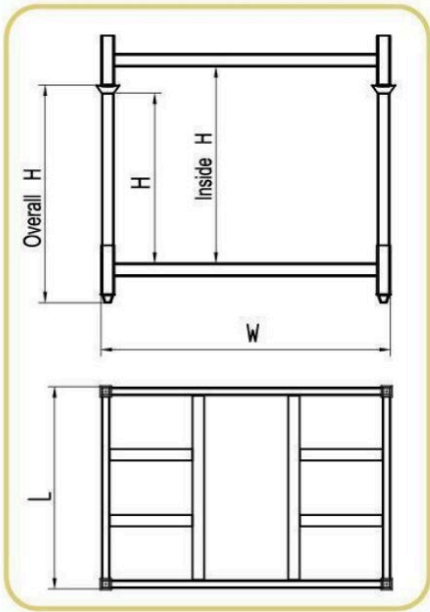


MBR161214

		2514301	2514302	2514303	2514304
Model		MBR161214	MBR191418	MBR221521	MBR261624
Weight Capacity	kg(lb.)	568.2(1250)	840.9(1850)	1272.7(2800)	1740.5(3750)
Depth	mm(in.)	304.8(12)	355.6(14)	381(15)	406.4(16)
Height	mm(in.)	355.6(14)	457.2(18)	533.4(21)	609.6(24)
Width	mm(in.)	406.4(16)	482.6(19)	558.8(22)	660.4(26)
Inside Height	mm(in.)	304.8(12)	381(15)	457.2(18)	508(20)
Net Weight	kg(lb.)	7.7(17)	13.2(29)	15.9(35)	27.3(60)

Portable Stack Racks

- ▲ Open Deck
- ▲ Stacking storage racks provide a convenient, economical alternative to pallet racks.
- ▲ These forkliftable storage racks accept pallet storage or can be used as a pallet itself.
- ▲ Base allows 4-way forklift access for portability even when loaded. Stacking racks have a 1818 kg.
- ▲ Load capacity and are made with 32mm x 57mm x 10 gauge tubular steel.
- ▲ Posts allow stacking up to 6 units high. When stacked, storage racks eliminate load-on-load contact that causes product-crushing damage found on standard pallet racks.
- ▲ Easy modular assembly; posts snap into sockets on base, no tools required.



Model	DECK	W mm(in.)	L mm(in.)	H mm(in.)	Overall H mm(in.)	Inside H mm(in.)	Capacity kg(lb.)
PSRW484236	WOOD DECK	1219(48)	1067(42)	914(36)	1138(44.8)	800(31.5)	1818(4000)
PSRW484836	WOOD DECK	1219(48)	1219(48)	914(36)	1138(44.8)	800(31.5)	1818(4000)
PSRO484236	OPEN DECK	1219(48)	1067(42)	914(36)	1138(44.8)	800(31.5)	1818(4000)
PSRO484836	OPEN DECK	1219(48)	1219(48)	914(36)	1138(44.8)	800(31.5)	1818(4000)
PSRO484248	OPEN DECK	1219(48)	1067(42)	1219(48)	1443(56.8)	1105(43.5)	1818(4000)
PSRO484848	OPEN DECK	1219(48)	1219(48)	1219(48)	1443(56.8)	1105(43.5)	1818(4000)
PSRW484248	WOOD DECK	1219(48)	1067(42)	1219(48)	1443(56.8)	1105(43.5)	1818(4000)
PSRW484848	WOOD DECK	1219(48)	1219(48)	1219(48)	1443(56.8)	1105(43.5)	1818(4000)
PSRO604236	OPEN DECK	1524(60)	1067(42)	914(36)	1138(44.8)	800(31.5)	1818(4000)
PSRW604236	WOOD DECK	1524(60)	1067(42)	914(36)	1138(44.8)	800(31.5)	1818(4000)
PSRO604248	OPEN DECK	1524(60)	1067(42)	1219(48)	1443(56.8)	1105(43.5)	1818(4000)
PSRW604248	WOOD DECK	1524(60)	1067(42)	1219(48)	1443(56.8)	1105(43.5)	1818(4000)



WOOD DECK



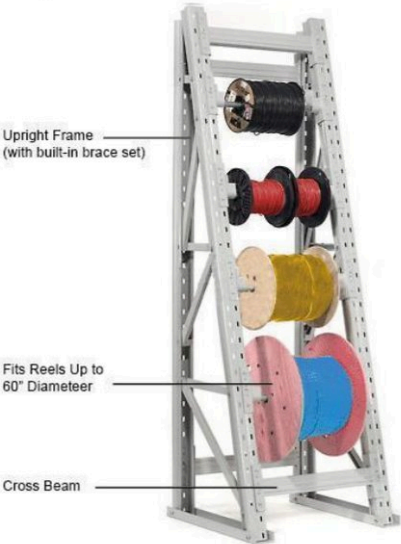
OPEN DECK



STEEL DECK

Reel Rack RR series

- ▲ Reel rack includes 2 upright frames , 2 pairs of cross beams, 4 pairs of axle brackets.
- ▲ 2000 lb. bracket capacity per pair.
- ▲ Lapped and welded beams have 3 hooks.
- ▲ Cross beams and brackets adjust on 3" centers.
- ▲ Fits reels and bracket axles are sold separately.
- ▲ Durable Steel Construction.
- ▲ Gray powder coat finish.
- ▲ Easy assembly.



3 Hooks for Positive Connection



Safety Pin Locks Axle Bracket



Bracket Accommodates Up to 2" Diameter Axles

		2514001	2514002	2514003	2514004	2514005	2514006	2514007	2514008	2514009	2514010	2514011
Model		RR242496	RR362496	RR482496	RR243696	RR363696	RR483696	RR242412	RR362412	RR482412	RR363612	RR483612
Width	mm(in.)	610(24)	915(36)	1220(48)	610(24)	915(36)	1220(48)	610(24)	915(36)	1220(48)	915(36)	1220(48)
Depth	mm(in.)		610(24)			915(36)			610(24)			915(36)
Height	mm(in.)			2438(96)						3048(120)		
Capacity	kg(lb.)					4500(10000)						
Assembly						Unassembled						
Construction						Steel						
Description						Starter						
Level Capacity	kg(lb.)					908(2000)						
Level Quantity						4						

Fork Extension Storage Rack FESR54 series

- ▲ Storage rack can remove fork extensions without strenuous lifting;
- ▲ Solution ideal to install, remove, or store fork extensions;
- ▲ Elevated bar and nest in channel in base make rack easy to use ;
- ▲ Features nest in channel for the resting of retraining straps.



FESR54



		2514501
Model		FESR54
Capacity	kg(lb.)	181.8(400)
Overall Length	mm(in.)	1016(40)
Overall Width	mm(in.)	1162(45.7)
Overall Height	mm(in.)	1370(54)
Min.Fork Length	mm(in.)	1520(60)
Net Weight	kg(lb.)	51(112.2)

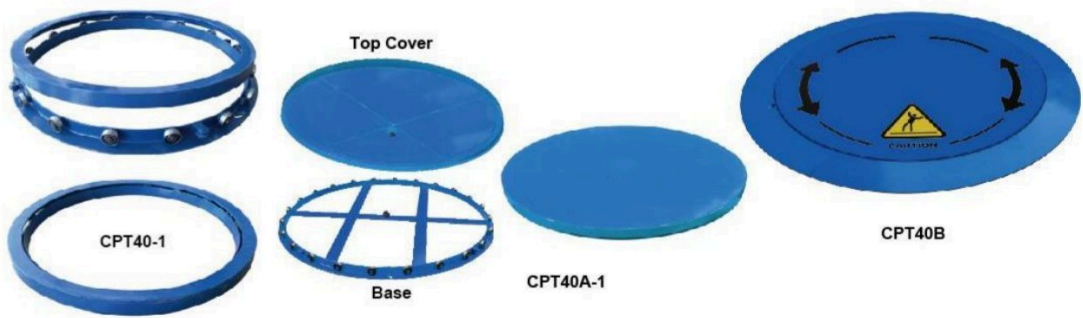
Wagon Truck PW series

- ▲ Swivel handle allows easy movement.
- ▲ Heavy duty, the thick hardwood deck is kiln dried for maximum strength.
- ▲ Deck is reinforced with longitudinal stiffeners for durability.



		1013801	1013802	1013803	1013804	1013806
Model		PW700	PW700A	PW600A	PW600B	PMW1500
Capacity	kg(lb.)	700(1540)		600(1320)		1500(3300)
Platform Size	mm(in.)	1200x700(47.2x27.6) 1200x800(47.2x31.5)		1300x600(51.2x23.6)	1100x600(44x23.6)	1500x750(60x29.5)
Overall Size	mm(in.)	1200x700x1100 (47.2x27.6x44)		1300x600x1090 (51.2x23.6x42.9)	1100x600x1090 (44x23.6x42.9)	1900x750x1040 (74.8x29.5x40.9)
N.W/G.W	kg(lb.)	55/59(121/130)		36/39(79.2/85.8)	33/36(72.6/79.2)	67/70(147.4/154)

Carousel Pallet Turn CPT series



	1318001	1318002	1318003	1318004	1318005	1318006	1318007
Model	CPT20-1/CPT20A-1	CPT20-2/CPT20A-2	CPT20-3/CPT20A-3	CPT40-1/CPT40A-1	CPT40-2/CPT40A-2	CPT60-1/CPT60A-1	CPT40B
Load Capacity	kg(lb.)	908(2000)	1815(4000)	2720(6000)	1818(4000)		
Top Inside Dia.	mm(in.)	673(26.5)-	825(32.5)-	936(36.8)-	1140(44.9)-	936(36.8)-	1300(51.2)-
Top Outside Dia.	mm(in.)	751(29.5)	905(35.6)	1010(40)	1220(48)	1010(40)	1600(63)

Drum Dollies SD series

- ▲ Smooth rolling, strong and durable dollies easily transport 30 or 55 gallon drums.
- ▲ Zinc plated nuts and bolts.
- ▲ SD3-5 & SD15-P: plastic drum dolly.



SD55-T



SD55-O



SD55-H



SD55-Y



AD45



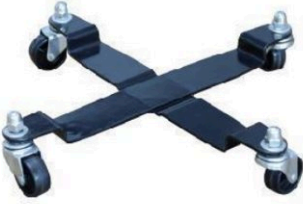
DD55



SD3-5



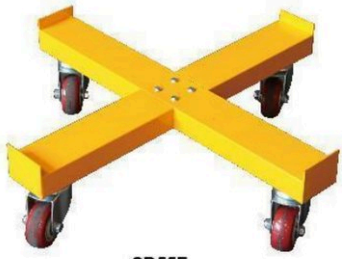
SD15-P



DD15



SD55A

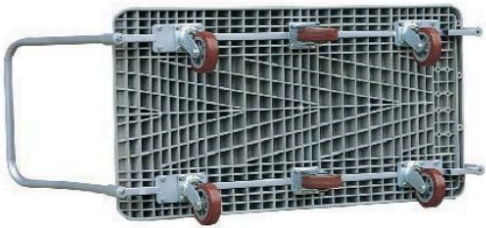


SD55F

		1712001	1711003	1711004	1711006	1711007	1711008	1711009	1711010	1711011	1711012	1711013
Model		SD15-P	SD3-5	SD55-Y	SD55-O	SD55-H	SD55-T	DD15	DD55	AD45	SD55A	SD55F
Dolly Capacity	kg(lb.)	35(77)	410(902)	70(154)	900(1980)	410(902)	410(902)	15.9(35)	545(1200)	455(1000)	670(1474)	455(1000)
Drum Size	gallon	5/6/15	30/55	5	55	55	55	5	5/30/55	30/55/85/95	30/55	55
Inside Diameter	mm(in.)	280(11)	480/595(19/24)	280(11)	615(24.2)	612(24.1)	612(24.1)	308(12.1)	597(23.5)	Adjustable	400/610(15.7/24)	615(24.2)
Net Weight	kg(lb.)	1(2.2)	6.2(13.6)	6(13.2)	15(33)	17(37.4)	12(26.4)	2.1(4.5)	10.8(23.8)	8.7(19)	6.4(14)	6(13.2)

Plastic Platform Truck PM series

- ▲ Capacity 1000kg, 1500kg for evenly distributed load.
- ▲ Less hassle than metal carts, will not rust, discolor or warp.
- ▲ Maintenance free and easy to clean.
- ▲ Honeycomb construction is reinforced for longer life.
- ▲ Extra square steel tube underneath of platform to reinforce the truck.
- ▲ Heavy duty castor wheel: Ø150x40mm, polyurethane.
- ▲ 1000kg capacity truck have two rigid wheels, two swivel wheels.
- ▲ 1500kg have two rigid wheels, four swivel wheels.
- ▲ Removable steel handle.



PM1501



PM1003



PM1501



PM1502



PM1007

	1016001	1016101	1016102	1016202	1016103	1016203	1016104
Model	PM1001	PM1501	PM1002	PM1502	PM1003	PM1503	PM1004
Capacity	kg(lb.)	1000(2200)	1500(3300)	1000(2200)	1500(3300)	1000(2200)	1500(3300)
Deck Size	LxW mm(in.)	1500x750(59x29.5)					
Gross Weight	kg(lb.)	47(103.4)	52(114.4)	50(110)	55(121)	53(116.6)	58(127.6)

	1016204	1016105	1016205	1016106	1016206	1016107	1016207
Model	PM1504	PM1005	PM1505	PM1006	PM1506	PM1007	PM1507
Capacity	kg(lb.)	1500(3300)	1000(2200)	1500(3300)	1000(2200)	1500(3300)	1000(2200)
Deck Size	LxW mm(in.)	1500x750(59x29.5)					
Gross Weight	kg(lb.)	78(171.6)	77(169.4)	81(178.2)	79(173.8)	83(182.6)	88(193.6)

ORDERING

WHAT TO SEND

- Series and model code from the tables in this file.
- Platform or deck size (L x W) and overall height, plus load per unit.
- Wheel and castor type - rubber, polyurethane or nylon - and whether a brake is needed.
- Finish: powder coated to a RAL colour, galvanised or untreated steel.
- Frame build: welded, or knock-down / bolted when freight or site assembly requires it.
- Quantity, packing requirement and delivery port or address.

HOW THE RANGE IS QUOTED

- Per type and size, then per wheel and castor choice and per finish.
- Quantity breaks for the batch you intend to order.
- Bought-out castors, wheels and plastic parts are quoted as supplied components and are named as such on the quotation rather than mixed into a manufacturing price.
- Freight is quoted separately so the ex-works comparison stays visible.

WHO MAKES WHAT

Sheet metal and tube parts are produced as fabricated steelwork, with powder coating applied in-house for parts that fit the booth and an external line for oversize work. Castors, wheels, plastic decks, rubbers and cylinder straps are purchased and supplied fitted; we do not mould plastics in our own plant.

QUOTATION AND DRAWINGS

Send the series and model code to rfq.balford.net - we reply within one business day. Download files:

balford.net/downloads/. Contact: shawn@balford.net · Zhejiang Balford Mechatronics Co., Ltd., Zhuji, Zhejiang, China.