



Wheels & Castors

Conveyors, Trolleys &
Materials Handling
Equipment



Queensland Wheels & Castors

Keeping Your Industry Rolling
ABN 38 851 646 394

E: sales@qldwheelsandcastors.com.au
W: www.qldwheelsandcastors.com.au

P.O. Box 3014,
Unit 2, 47A Tiger Street
West Ipswich Qld 4305

F: (07) 3282 7611

M: 0419 411 880

CONTENTS

Reference Information	ii	Scaffold Castors	29
About EHI	ii-iii	Scaffold Castors	(200kg - 900kg) 29
Wheel Material	iv	Wheels	30
Load Capacity	v	Wheels - Polypropylene	(80kg - 100kg) 30
Bearing Types	vi	Wheels - Nylon	(130kg - 550kg) 30
Brake Types	vii	Wheels - Grey Rubber	(80kg - 200kg) 30-31
Chemical Resistance	viii-ix	Wheels - Blue Rubber	(90kg - 400kg) 31
Furniture Castors	01	Wheels - Rubber on Cast Iron	(250kg - 535kg) 32
F1 Series Furniture Castors	(50kg - 60kg) 01	Wheels - Polyurethane	(80kg - 500kg) 32
Furniture Castor Adaptors	01	Wheels - Polyurethane on Cast Iron ...	(320kg - 2000kg) 33
General Castors	02	Wheels - Cast Iron	(450kg - 1150kg) 33
G1 Series - Bolt Hole	(40kg - 55kg) 02	Wheels - General	(40kg - 150kg) 34
G1 Series - Plate Mounted	(40kg - 55kg) 03	Wheels - Stainless Bearings	(125kg - 200kg) 34
G2 Series - Bolt Hole	(70kg - 90kg) 04	Pneumatic Wheels	35
G2 Series - Plate Mounted	(70kg) 05	Nylon Rims - Bearings	(100kg - 200kg) 35
G7 Series - Bolt Hole	(80kg - 120kg) 06	Nylon Rims - Bushed	(100kg - 200kg) 35
G7 Series - Plate Mounted	(80kg - 120kg) 07	Steel Rims - Offset	(90kg - 110kg) 36
Hospital Castors	08	Flat Free Pneumatics	(125kg - 220kg) 36
H6 Series - Threaded Stem	(75kg - 110kg) 08	Red Steel Rims	(140kg - 220kg) 37
Industrial Castors	09	Replacement Inner Tubes	38
i1 Series - Plate Mounted	(40kg - 120kg) 09	Replacement Tyres	38
i2 Series - Plate Mounted	(55kg - 225kg) 10	Pneumatic Castors	(140kg - 180kg) 38
i4 Series - Bolt Hole	(80kg - 125kg) 11	Buffers	39
i4 Series - Plate Mounted	(80kg - 200kg) 12	L-Shaped Corner Buffer	39
i5 Series - Plate Mounted	(130kg - 200kg) 13	Rotary Buffer	39
i6 Series - Bolt Hole	(90kg - 140kg) 14	Floor Locks	39
i6 Series - Plate Mounted	(90kg - 140kg) 15	Floor Locks	39
Heavy Duty Industrial Castors	16	Gravity Conveyor	40
J2 Series - Plate Mounted	(200kg - 455kg) 16	Conveyor Frames - Straight	40
J3 Series - Plate Mounted	(200kg - 455kg) 17	Conveyor Frames - Curved	40
J2 Series - Plate Mounted - Plain Bearing. (200kg - 455kg)	18	Conveyor Rollers - Steel	41
J3 Series - Plate Mounted - Plain Bearing. (200kg - 455kg)	18	Conveyor Rollers - Polypropylene	41
J7 Series - Plate Mounted	(250kg - 600kg) 19	Conveyor Stands - H Type	42
TG Series - Plate Mounted	(535kg - 600kg) 20	Ball Transfer	42
TH Series - Plate Mounted	(880kg - 1300kg) 21	Expanding Conveyor	43
Super Heavy Duty Industrial Castors	22	Wheel Track	43
X1 Series - Plate Mounted	(2000kg) 22	Trolleys & Drum Handling Equipment	44
Stainless Steel Castors	23	Platform Trolley	(150kg - 250kg) 44
G7 Series - Bolt Hole - Stainless	(80kg - 100kg) 23	2 & 3 Tier Trolley	(120kg) 44
I5 Series - Bolt Hole - Stainless	(125kg - 200kg) 24	Drum Rack Cradle	(300kg) 44
I5 Series - Plate Mounted - Stainless (125kg - 200kg)	25	Drum Truck	(450kg) 45
High Temperature Castors & Wheels	26	Drum Carrier	(364kg) 45
High Temperature Castor	(160kg) 26	Drum Dolly	(410kg) 45
High Temperature Wheel	(180kg) 26	Aluminium Convertible Hand Truck ...	(200kg - 300kg) 46
V-Groove Castors & Wheels	27	Aluminium Hand Truck	(300kg) 46
V-Groove Castor	(360kg-480kg) 27	Collapsible Transport Trolley	(100kg) 46
V-Groove Wheel	(360kg-600kg) 27	Expanding Adaptors	47
Central Locking Castors	28	Expanding Adaptors	47
Central Locking Castors	(100kg - 110kg) 28	Gas Springs	47
Central Locking Castor Accessories	28	Gas Springs	47

ABOUT EHI AUSTRALIA

THE COLSON CASTOR GROUP

Albion Industries, Inc.
Can-Am Casters and Wheel
Colson British Castors
Colson Caster Corporation
Colson Caster de Mexico
Colson Caster Guangzhou
Colson Casters Limited
Colson do Brasil Ltda.
Colson Europe B.V.
Colson Monette
Colson Poland
Colson TPW & Belgium
Colson Vietnam
Guangzhou Jarvis Caster Ltd.
IMSA
Logic Wheel Industry Inc.
MedCaster
Pemco
Revvo UK
Revvo USA
Rhombus France
Rhombus Germany
Rhombus Malaysia
Shepherd Caster
Wellington Industries



EHI Australia is one of 28 companies that operate within the Colson Group.

The Colson Group, with companies in 14 countries, is the largest castor manufacturer in the world. These companies represent many of the world's leading brand names including Albion, Colson, Revvo and Rhombus.

The Colson Group employs over 40 design engineers. This enables EHI to offer one of the most comprehensive ranges of industrial wheels and castors available anywhere in the world, backed up with one of Australia's largest stock holdings.

EHI has the range, stock holding, product knowledge and service to meet the most demanding wheel and castor requirements.



ABOUT US

EHI started as a small family business and through work and a passion for the business, has grown to become a leading importer & distributor of an impressive portfolio of products. EHI Australia Pty Ltd is now linked to some of the biggest names in hardware and industrial products in the world, including Shepherd Hardware, Select Hardware and the Colson Group Inc.

EHI strives to provide the highest quality products and services to the market place. It is our priority to ensure that products and services supplied to the market comply with the strictest of industry standards.

EHI considers customer satisfaction and customer confidence to be key drivers in our business.

The contribution by our staff to the achievement of our company's goals is paramount to our success.

We constantly work to develop our customer base and are always looking out for opportunities that will enable us to work in partnership with our many and varied clients.

EHI prides itself on:

- ✓ *Marketing only the best products.*
- ✓ *Always striving to increase the value of the offering to our customers.*
- ✓ *Keeping abreast of market changes and being flexible enough to adapt to the changing needs of our customers.*
- ✓ *Efficiently using resources and considering the environmental impacts of all decisions.*
- ✓ *Insisting on excellence from its staff, rewarding input, innovation and initiative.*

EHI supplies customers all over Australia. In addition, we are seeing a speedy growth in international sales, particularly in areas such as New Zealand. Our international services also include the sourcing and development of new product ranges produced by manufacturers from various countries.

We conduct ongoing product, market and end user evaluations to ensure the continued relevance of our product offering.

Our team is continually on the hunt for new opportunities for the introduction of outstanding products to local and international markets.


As we grow and evolve to meet our customer's changing needs, EHI Australia will endeavour to continue to set the benchmark as a supplier of top quality products and services.



WHEEL MATERIAL

When selecting a wheel for your application, there are a number of matters that require consideration. Factors such as the required load capacity, the surface they're going to be used on, the desired ride quality and frequency of use, all play an important part in the final wheel selection.

Our knowledgeable sales team are happy to help you make the right choice for your application.



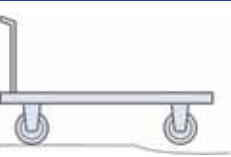
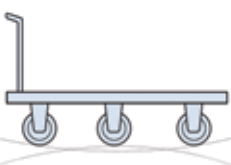

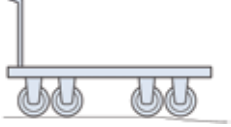
	Shock Absorbency	Load Capacity	Push Effort	Floor Protection	Durability	Typical Surfaces	Comments
Polyurethane 	Good	Excellent	Good	Good	Good	All surfaces, irregular	Best all round choice
Grey Rubber 	Excellent	Good	Fair	Excellent	Good	Quality flooring, quiet or clean areas	Good protection for floor & loads
Blue Rubber 	Excellent	Good	Fair	Excellent	Good	Quality flooring, rougher surfaces	Highest shock absorbency
Black Rubber 	Excellent	Good	Fair	Good	Fair	Industrial areas, concrete	Good shock protection on industrial floors
Pneumatic 	Excellent	Fair	Poor	Excellent	Good	Outdoor, irregular or unsealed	Best over irregular surfaces. Highest resilience
Nylon 	Fair	Excellent	Excellent	Fair	Good	Smooth concrete	Strong & economical. May be noisy
Cast Iron 	Poor	Excellent	Excellent	Poor	Excellent	Oven floors, outdoors / unsealed, broken glass	Strong & hard wearing. Best for high temperature. May damage flooring

LOAD CAPACITY

Load capacity is perhaps the most important consideration when selecting the correct castor or wheel. If the capacity of the selected item is too low, the castor may fail, causing damage or injury. The load capacity of the castors and wheels in this catalogue relates to the amount that each castor or wheel will carry, on an average floor at speeds up to 4 km/h. When fitting these to a trolley, the load carrying capacity of the trolley is not simply the sum of the capacities of the castors fitted. It varies significantly relative to the number of castors/wheels and mounting arrangement selected.

TOTAL LOAD: The total load is the amount of weight the castor or wheel must support. It consists of the weight of the physical trolley plus the amount of weight the trolley will be required to carry.

TOTAL LOAD = Weight of Trolley + Carrying Capacity of Trolley

<p>Two Wheel Trolley</p> 	<p>This type of construction requires the two main wheels or castors to carry almost 100% of the load at all times. The load is normally distributed 50:50 across the two wheels, however, uneven ground may increase the load on one wheel to approximately 65:35.</p> <p>Recommended Load Capacity per Wheel = 65% of TOTAL LOAD. (i.e. If TOTAL LOAD = 100Kg, each wheel should have a minimum load capacity of 65Kg)</p>
<p>Three Wheel Trolley</p> 	<p>Common on drum dollies and plant pot holders, three wheel trolleys will have all wheels on the ground at all times, even over uneven ground. Three wheel trolleys may become unstable when a tall item is supported and a side load is applied in a direction 'between' two castors. If this happens, the total load will be applied to only two castors.</p> <p>Recommended Load Capacity per Castor = 50% of TOTAL LOAD. (i.e. If TOTAL LOAD = 100Kg, each castor should have a minimum load capacity of 50Kg)</p>
<p>Four Wheel Trolley</p> 	<p>By far the most common style, four wheel trolleys are inherently stable. In general use, on a level floor and with an evenly distributed load on the trolley tray, each castor is loaded at 25% of the total load. However, when on an uneven floor, one castor may lose contact with the floor and the total load will be carried by only three castors.</p> <p>Recommended Load Capacity per Castor = 35% of TOTAL LOAD. (i.e. If TOTAL LOAD = 100Kg, each castor should have a minimum load capacity of 35Kg)</p>
<p>Six Wheel Trolley</p> 	<p>In this design, the trolley is fitted with six wheels that are all in contact with the floor. This design is very good at carrying higher total loads (than a standard four wheel trolley) on level floors where each castor is only loaded to 17% of the total load. However, this design suffers when used over convex or concave floors. Convex floors (hill shaped) will force the trolley to 'rock' on just the central pair of castors while a concave floor forces the central pair of castors to lift free of the floor.</p> <p>Recommended Load Capacity per Castor (level floors only) = 25% of TOTAL LOAD. (If using over concave/convex floors, a 'Six Wheel - Rocking' configuration is recommended)</p>
<p>Six Wheel - Rocking</p> 	<p>This special design has castors mounted at different heights. Usually, the central pair of fixed castors or wheels are 12mm to 25mm 'higher' than the corner castors. This causes the trolley to 'rock' or sit in a non level position. Very good for manoeuvrability but requires higher capacity castors to other designs.</p> <p>Recommended Load Capacity per Castor (centre) = 50% of TOTAL LOAD. Recommended Load Capacity per Castor (corners) = 35% of TOTAL LOAD.</p>
<p>Multi Wheel Trolley</p> 	<p>Where the trolley does not fit into any of the above categories, the following general formula can be used to help determine the correct load capacity.</p> <p>Recommended Load Capacity per Wheel = (125% of TOTAL LOAD) ÷ (number of castors fitted) i.e. If TOTAL LOAD = 1,000Kg and the trolley has 10 castors fitted then each castor should have a minimum load capacity of $1250\text{kg} \div 10 = 125\text{Kg}$ each.</p>

BEARING TYPES

The type of wheel bearing has a significant influence on the operating properties of a castor upon which it is fitted, which in turn affects the mobility of the equipment.





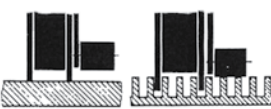
Wheel bearings must meet the most varied requirements, such as load capacity, duration of use, environmental influences, resistance to impact shock, resistance to rolling and resistance to weather etc.

<p>Plain Bearing</p> 	<p>Plain bearings consist of a bearing shell solidly connected with the wheel. The wheel turns around the axle tube bolted to the housing.</p> <p>Wheels made of polyamides have gained general acceptance for this form of bearing, due to the material's natural lubricating properties.</p> <p>Plain bearings are used traditionally for transport equipment that will not be moved much. Under normal conditions plain bearings are maintenance free and corrosion-resistant.</p>
<p>Roller Bearing</p> 	<p>Roller bearings consist of steel or stainless steel needle rollers that are positioned in a cage. These rollers roll between the axle tube and the wheel hub. Since, in turning around the axle, no sliding friction but rather rolling friction occurs, the resistance to rolling of the bearing is relatively low, even at high loads.</p> <p>Roller bearings are resistant, robust and low maintenance.</p>
<p>Unground Ball Bearing</p> 	<p>Ball bearings are compact, simple bearing units. They consist of a moulded sheet metal housing, in which balls roll between the inner and outer rings and which has an elongated axle unit.</p>
<p>Precision Bearing</p> 	<p>Precision ball bearings consist of balls that run between a tempered inside and outside ring. Even under extreme loads and at high speeds, this bearing demonstrates very good operating properties.</p> <p>These bearings meet the most stringent demands for load capacity, resistance to environmental influences and easy running.</p> <p>Due to the bearings being sealed, life-long lubrication can be guaranteed even under extreme environmental conditions.</p> <p>When used at very high load capacities, the single-row deep-groove ball bearing is usually replaced with tapered precision bearings to enhance resistance to side loads.</p>

BRAKE TYPES

Taking a supermarket trolley up a travelator, pushing a hospital bed down a corridor or leaving an industrial trolley on an inclined floor, are all examples of where there would be a benefit in fitting brakes or directional locks to the apparatus being pushed.

Brakes do more than just hold an item stationary, a directional lock brake can help to push a trolley in a straight line down a busy corridor and a travelator brake activates automatically when a shopping trolley enters a travelator.

<p>A - No Brake</p> 	<p>No braking mechanism is fitted to these castors.</p> <p>Throughout this catalogue, most castors that are not fitted with any type of brake have the character 'A' as the fourth character of their product code.</p>
<p>D - Directional Lock</p> 	<p>A directional lock brake does not stop rotation of the wheel. Instead, a directional lock brake will allow the castor to swivel until the direction the wheel is facing is parallel to the unit.</p> <p>Once the castor has swivelled to this point, the brake stops all swivelling action and forces the castor to track in a straight line.</p>
<p>W - Wheel</p> 	<p>When a wheel brake is applied, it only stops the rotation of the wheel. The castor is still able to swivel freely.</p> <p>Special caution should be noted, that wheel braked castors should never be fitted to a bench or table containing power tools or cutting instruments as a wheel brake castor can allow the table to move to a distance equal to twice the castor's offset, which on a 200mm castor may mean that, even with the brakes on, a table could move 100mm to 150mm without warning.</p>
<p>T - Total Lock</p> 	<p>When the total lock brake is applied, it stops both the swivel action and the wheel rotation. This is the safest of all brake types.</p>
<p>Central Locking</p> 	<p>Functionally the same as a standard total lock and directional lock brake, this special variation is only found on hospital bed castors. These castors are interconnected by hexagonal steel bar so that when the brake is applied, all castors brake at the same time.</p> <p>Hospital beds often use different types of brake castors fitted to each corner of the bed. One of these castors actually has three braking functions; total lock + no brake + directional lock.</p>
<p>Travelator</p> 	<p>The travelator brake is a special brake specifically for supermarket trolleys. The brake is designed to stop the trolley moving when travelling up or down on the travelator.</p> <p>These brakes operate in a number of different ways. Some have sliding disks that slip into the channels of the travelator floor. Others have a fixed brake pad and ribbed tyres (pictured). When the ribbed tyres fall into the channels on the travelator floor, the weight of the trolley is suspended by the brake pad.</p>

CHEMICAL RESISTANCE

MATERIALS	Concentration	Rubber	Polyamide	Polyurethane
A				
Acetaldehyde	40%	+	+	=
Acetic acid	30%	=	++	=
Acetone	-	++	++	=
Acetylene	-	++	++	++
Acrylic acid	-	-	=	=
Alkyl alcohol	-	++	+	=
Alkyl benzol	-	-	++	-
Aluminium acetate	-	-	++	-
Amines, aliphatic	-	-	++	-
Amino acid mixtures	-	-	++	-
Ammonia, fluid	20%	++	++	=
Ammonium salt	-	-	++	-
Ammonium thiocyanate	-	-	++	-
Ammonium rhodanide	-	-	++	-
Ammonium Hydra oxide	-	-	-	-
Ammonium carbonate	-	++	-	-
Ammonium nitrate	-	+	-	++
Ammonium sulphate	-	+	-	++
Amyl acetate	-	++	++	=
Amyl alcohol	-	++	++	+
Anilin	-	=	+	=
Antrachinon, 85%C	-	-	++	-
Apple acid	-	-	++	+
Aqua regia	-	=	=	=
B				
Barium salts	-	++	+	++
Beer	-	++	++	++
Bitumen	-	=	++	++
Bluestone	-	+	+	++
Boracic acid, diluted	10%	++	+	++
Borax	-	++	-	++
Bromine	-	=	=	=
Butane	-	=	++	++
Butter	-	=	++	++
C				
Calcium salts	-	-	-	+
Carbolineum	-	=	++	=
Carbon monoxide, hot	-	-	++	=
Carbonic acid	-	-	-	++
Carbon tetrachloride	-	=	++	=
Casein	-	-	++	-
Castor oil	-	-	-	++
Caustic potash	-	-	-	=
Caustic soda	-	-	-	=
Caustic soda	50%	++	+	=

MATERIALS	Concentration	Rubber	Polyamide	Polyurethane
Chomic acid, diluted	10%	=	+	+
Chlorethene, 80°C	-	-	++	-
Chlorine, chlorine water	-	=	=	=
Citric acid, diluted	10%	++	++	-
Citrus oils	-	-	++	-
Cobalt salts, diluted	20%	-	+	-
Coconut oil	-	=	++	++
Copper chloride	-	++	-	++
Copper salts, diluted	10%	-	=	++
Cotton crop oil	-	-	-	++
Cresols	-	-	=	++
Cyclohexanol	-	+	++	+
D				
Descalc, diluted	10%	-	++	-
Dichlorobenzene	-	=	++	=
Dichlor butylen	-	=	-	=
Dimethyl ether	-	+	++	++
Dimethyl anilin	-	-	-	=
Dimethyl fomamide	-	+	++	=
E				
Ethanol amine	-	-	-	=
Ether	-	-	++	++
Ethyl acetate	-	+	++	=
Ethyl alcohol	-	++	+	++
Ethylene	-	-	-	++
F				
Fatty acids	-	-	++	++
Flue gas	-	-	-	=
Fluorine	-	=	=	=
Formaldehyde	30%	++	++	+
Formamide, pure	-	++	++	+
Formic acid	10%	+	=	=
Furfural	-	-	++	=
G				
Gasoline, Petrol aether	-	=	++	++
Gelatine	-	-	-	++
Glacial acetic acid	-	+	-	=
Glucose	-	++	-	++
Glue	-	-	-	++
Glycerin	-	++	++	++
Glycol	-	++	+	+
H				
Hexane	-	=	++	++
Hydraulics liquids	-	=	++	=
Hydrochloric acid, liquid	30%	+	=	=

++ resistance
 + conditional resistance
 = not resistant, no information

CHEMICAL RESISTANCE

MATERIALS					MATERIALS				
	Concentration	Rubber	Polyamide	Polyurethane		Concentration	Rubber	Polyamide	Polyurethane
I					R				
Ink, fanfares	-	++	++	++	Rare gas	-	-	++	-
Iron dichloride, angry	10%	+	=	+	S				
Iron sulphate	-	-	-	++	Salt, diluted	10%	+	=	++
Iso propyl aether	-	++	-	++	Sea water	-	++	++	+
Iso propyl chloride	-	=	-	=	Silver nitrate	-	+	-	++
L					Slide ethylene glycol	-	++	++	++
Lactic acid	-	=	=	=	Soda ash, liquid	10%	-	++	=
Lead acetate, diluted	10%	+	++	++	Soda solution, liquid	10%	++	++	-
Lead nitrate	-	++	-	++	Sodium cyanide, diluted	10%	-	++	=
Litter salt (-solutions)	-	-	++	-	Sodium hydra oxide, liquid	-	-	-	=
M					Sodium nitrate, liquid	10%	++	++	++
Magnesium, liquid	10%	-	++	++	Sodium phosphate	10%	++	++	++
Manganic salts	10%	-	+	-	Sodium silicate, liquid	10%	++	++	+
Mercuric chloride	-	-	=	++	Sodium sulphate, liquid	10%	++	++	++
Mercury	-	++	++	++	Sodium sulphide, liquid	10%	+	++	+
Methylated alcohol	-	+	+	++	Sodium thiosulphate, liquid	10%	++	++	+
Methylene chloride	-	=	=	=	Spruce pin oil	-	=	-	++
Methyl ethyl ketone	-	=	++	=	Stearic acid	-	=	++	=
Methylpyrrolidon	-	-	-	=	Sulfurous acid	-	+	+	=
Milk	-	++	++	++	T				
Mineral oil	-	=	++	++	Tannin acid	10%	++	-	-
Mono bromine benzol	-	=	-	=	Tartaric, liquid	10%	++	++	+
Mortars, cement, lime	-	++	++	-	Trichlor ethylen	-	=	+	=
Mustard	-	-	-	++	Tincture of iodine	-	++	=	=
N					Tuluol	-	=	++	=
Naphthalene	-	=	++	=	U				
Nickel chloride, liquid	10%	++	+	++	Uranic fluorides	-	-	=	-
Nickel salts, liquid	10%	-	+	++	Uric acid, diluted	10%	++	++	-
Nickel sulphate, liquid	10%	+	+	++	Urine	-	++	++	-
O					V				
Oil of turpentine	-	=	++	+	Vaseline	-	-	++	-
Oleic acid	-	=	++	++	Vegetable oils	-	=	++	++
Ozone	-	=	+	++	W				
P					Washing lyes, 80°C	-	++	++	-
Palmitic acid	-	=	++	=	Water, cold	-	++	++	++
Paraffin -	=	++	++		Water to 80°C	-	+	++	=
Phenyl benzol	-	=	-	=	Waste water	-	-	++	+
Phenyl sulphuric ether	-	=	-	++	Wax, 80°C	-	-	++	-
Phosphoric acid	10%	+	=	-	X				
Potassium chloride	10%	+	++	++	Xylene	-	=	++	=
Potassium cyanide	-	-	-	+	Z				
Potassium hydra oxide	-	-	++	=	Zinc chloride, liquid	10%	++	+	=
Potassium sulphate	-	++	-	++	Zinc rhodanide	30%	-	=	-
Propane	-	=	++	++					
Propanol	-	-	-	+					

++ resistance
 + conditional resistance
 = not resistant, no information



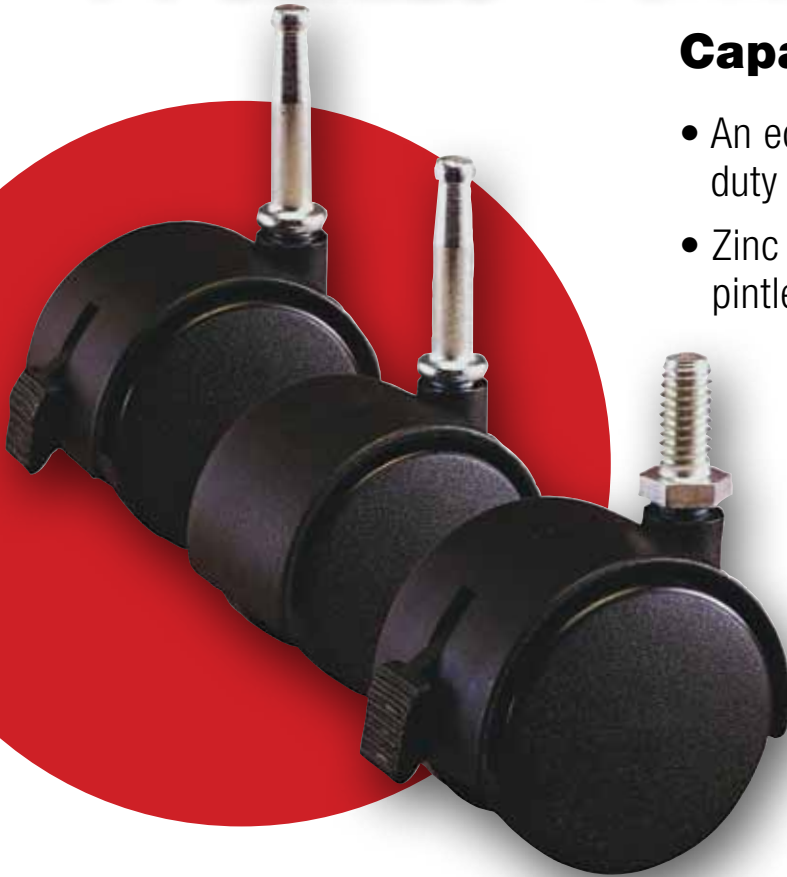
F1 SERIES - FURNITURE CASTORS

Capacities: 50kg - 60kg

- An economical castor ideal for light duty applications.
- Zinc plated steel mounting plates and pintles ensure a secure fixing.

The F1's simple design and affordability make it ideal for:

- Small furniture.
- Night tables.
- Side tables.
- Sales counters.
- Entertainment units.
- White boards.
- Small trolleys.
- Over-bed tables.
- Chairs.
- Beds.
- Kitchen benches.
- Most other general furniture.



Wheel Diameter (mm)	Load Capacity (kg)	Overall Height (mm)	Mounting	Mounting Dimensions	Swivel	Swivel + Brake
50	50	58	Stem	Socket	F11A75G50	F11W75G50
50	50	64	Plate	OD 38 x 38 HC 25 x 25	F12A75G50	F12W75G50
50	50	58	Threaded Stem	3/8" WHT	F14A75G50	F14W75G50
50	50	58	Threaded Stem	5/16" WHT	F15A75G50	F15W75G50
75	60	78	Stem	Socket	F11A74G75	F11W74G75
75	60	85	Plate	OD 38 x 38 HC 25 x 25	F12A74G75	F12W74G75
75	60	78	Threaded Stem	3/8" WHT	F14A74G75	F14W74G75

FURNITURE CASTOR ADAPTORS

Round and Square Adaptors		
Suit Tube OD (mm)	Tube Type	Product Code
19	Round	AF1R19
19	Square	AF1S19
25	Round	AF1R25
25	Square	AF1S25



G1 SERIES - BOLT HOLE




- Attractive light duty castor with a bright zinc finish.
- Suited to a variety of shopfitting, display, furniture and equipment uses.
- Double headset bearing for strength and a smooth swivelling action.



Refer to page 47 for expanding adaptor options.

**Capacities:
40kg - 55kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
50	18	 Rubber	40	64	M10	G10A33G50-V2	G10W33G50-V2	G14A33G50-V2	G14W33G50-V2
75	24		55	100		G10A33G75	G10T33G75	G14A33G75	G14T33G75
100	24		55	122		G10A33G100	G10T33G100	G14A33G100	G14T33G100


G1 SERIES - PLATE

G1 series is ideal for:

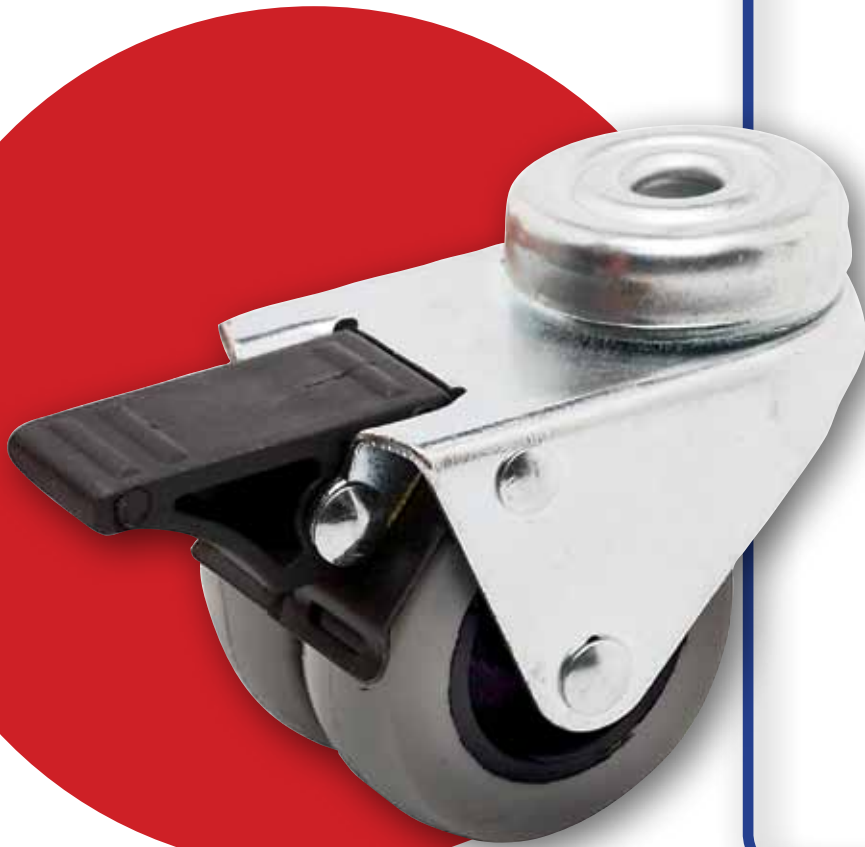
- Racks.
- Display cabinets.
- Sales counters.
- Home furniture.
- Chairs.
- Kitchen island benches.
- Beds.
- Medical furniture.
- Office furniture.



**Capacities:
40kg - 55kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
50	18	 Rubber	40	66	51 x 41	38 x 27	G12A33G50	G13A33G50	G12W33G50
75	24		55	98	60 x 60	46 x 46	G12A33G75	G13A33G75	G12T33G75
100	24		55	120			G12A33G100	G13A33G100	G12T33G100

G2 SERIES - BOLT HOLE





- The twin wheel design allows good manoeuvrability over most surfaces.
- Equipped with a double headset bearing for a smooth swivelling action.
- High load capacity with a low overall height.



Refer to page 47 for expanding adaptor options.

Capacities: 70kg - 90kg

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
50	17*2	 Nylon	70	72	M10	G20A00G50	G20W00G50	G24A00G50	G24W00G50
50	18*2	 Rubber	70	72	M10	G20A33G50	G20W33G50	G24A33G50	G24W33G50
75	25*2		90	98	M12	G21A33K75	G21T33K75	G24A33K75	G24T33K75



G2 SERIES - PLATE

With its stylish design and bright zinc finish the G2 series is ideal for:

- Racks.
- Display cabinets.
- Sales counters.
- Chairs.
- Kitchen island benches.
- Beds.
- Medical furniture.
- Office furniture.
- Patient lifters.



Capacities: 70kg

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Swivel + Brake
50	17*2	 Nylon	70	72	60 x 60	43 x 43	G22A00G50	G22W00G50
50	18*2	 Rubber	70	72	60 x 60	43 x 43	G22A33G50	G22W33G50

G7 SERIES - BOLT HOLE



**Capacities:
80kg - 120kg**



- Attractive sleek design with bright zinc finish.
- Double headset bearings for added strength, long life and smooth swivelling action.
- Headset seals protect bearings from dust and other foreign matter.
- Rugged glass filled nylon brake assembly.
- Colour coded pedals (Total brake - red, direction lock - green).
- Non-marking rubber and urethane wheels come standard with sealed precision bearings, which reduce rolling resistance and noise.
- These high quality, institutional castors are versatile and built to last.



Refer to page 47 for expanding adaptor options.

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
75	32		80	109	1/2" / M12	G71AZ62K75	G71TZ62K75	G74AZ62K75	G74TZ62K75
100			100	135		G71AZ62K100	G71TZ62K100	G74AZ62K100	G74TZ62K100
125			100	160		G71AZ62K125	G71TZ62K125	G74AZ62K125	G74TZ62K125
150			120	185		G71AZ62K150	G71TZ62K150	G74AZ62K150	G74TZ62K150
75	32		80	109	1/2" / M12	G71AZ63K75	G71TZ63K75	G74AZ63K75	G74TZ63K75
100			100	135		G71AZ63K100	G71TZ63K100	G74AZ63K100	G74TZ63K100
125			100	160		G71AZ63K125	G71TZ63K125	G74AZ63K125	G74TZ63K125
150			120	185		G71AZ63K150	G71TZ63K150	G74AZ63K150	G74TZ63K150

Direction lock also available in some sizes. Please ask your sales representative



G7 SERIES - PLATE

**Capacities:
80kg - 120kg**

G7 series is ideal for:

- Medical trolleys and equipment.
- Hospital beds.
- Medicine trolleys.
- Food delivery trolleys.
- Display and shop fitting equipment.
- Commercial and domestic furniture.



Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
75	32		80	112	70 x 95	45-52 x 75	G72AZ62K75	G73AZ62K75	G72TZ62K75
100			100	138			G72AZ62K100	G73AZ62K100	G72TZ62K100
125			100	163			G72AZ62K125	G73AZ62K125	G72TZ62K125
150			120	188			G72AZ62K150	G73AZ62K150	G72TZ62K150
75	32		80	112	70 x 95	45-52 x 75	G72AZ63K75	G73AZ63K75	G72TZ63K75
100			100	138			G72AZ63K100	G73AZ63K100	G72TZ63K100
125			100	163			G72AZ63K125	G73AZ63K125	G72TZ63K125
150			120	188			G72AZ63K150	G73AZ63K150	G72TZ63K150

H6 SERIES - THREADED STEM

Developed for use in medical and institutional applications.

- Precision bearings to minimise push effort required.
- Designed to protect the axle and bearings from hair/water.
- Durable urethane tread.

colson




Ideal for applications such as:

- Medical trolleys and equipment.
- Hospital beds.
- Medicine trolleys.
- Food delivery trolleys.
- Electronic equipment.
- Patient lifters.
- Nursing home beds.



**Capacities:
75kg - 110kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Bolt Size (mm)	Swivel	Swivel + Brake
75	59	 Urethane	75	95	M12 x 25	H64A38K75	H64T38K75
100	66		100	127		H64A38K100	H64T38K100
125	76		110	152		H64A38K125	H64T38K125

i1 SERIES - PLATE


- Robust, simple industrial design.
- The large diameter, single headset bearing gives strength whilst maintaining a low overall height.

Ideal for applications such as:

- Tool boxes.
- Engine cranes and gearbox dollies.
- Workshop equipment.
- Roll pallets, trolleys, drum and floor dollies.
- Vending machines and arcade games.
- General materials handling equipment.



**Capacities:
40kg - 120kg**

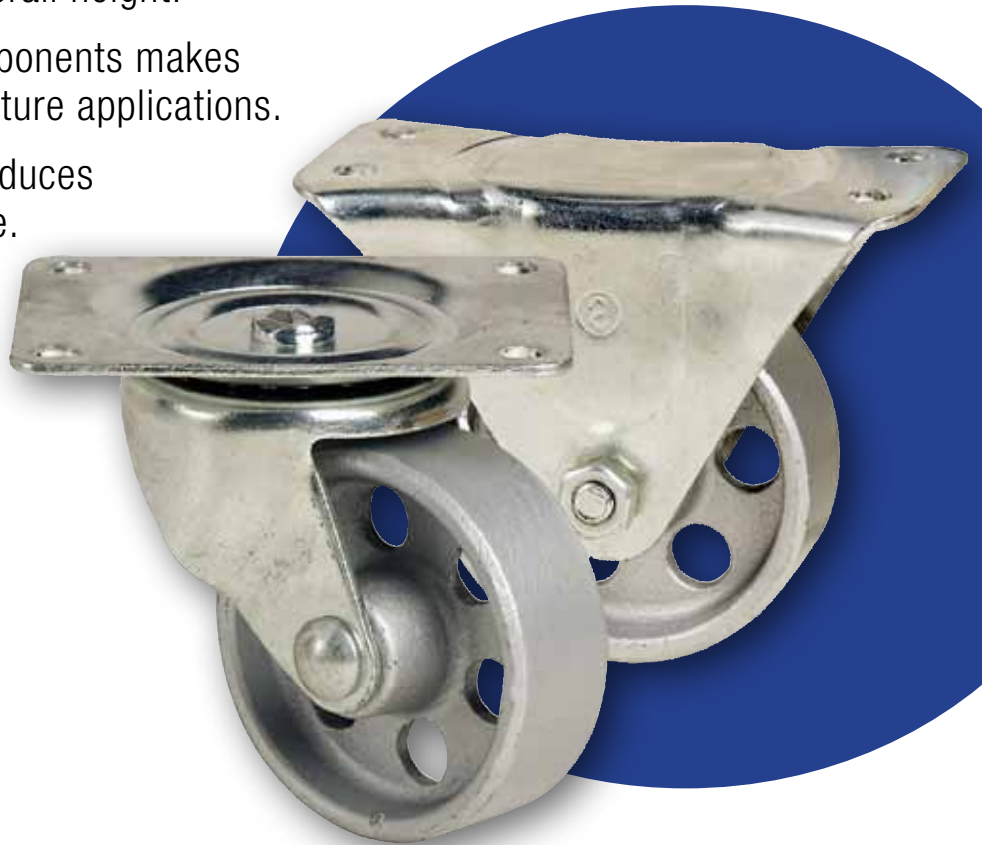
Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Wheel Brake
50	19	 Nylon	40	64	SW-67 x 48 FX-69 x 44	SW-54-56 x 25 FX-54-56 x 25	I12A02G50	N/A
63	23		85	78	SW-95 x 70 FX-95 x 59	SW-73-76 x 44.5 FX-73-76 x 35	I12A02G63	N/A
75	25		120	94	SW-105 x 80 FX-101 x 63	SW-80-86 x 60 FX-80-86 x 35	I12A02G75	I12W02G75

i2 SERIES - PLATE


- Strong, reliable castors which have high load capacities and abrasion resistant cast iron wheels.
- The large diameter headset bearing increases strength whilst maintaining a low overall height.
- The absence of plastic components makes them ideal for high temperature applications.
- The domed wheel design reduces rolling and swivel resistance.

Ideal for applications such as:

- Industrial and mechanical equipment.
- Work benches.
- Dollies.
- Engine hoists and jacks.
- Tool boxes.
- Workshop equipment.
- Floor creepers.
- Industrial ovens.



Capacities: 55kg - 225kg

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed
50	21	 Cast Iron	55	64	SW-68 x 48 FX-68 x 38	54 x 24	I22A16G50	I23A16G50
75	28		115	95	SW-105 x 80 FX-123 x 63	SW-86 x 60 FX-102 x 30	I22A16G75	I23A16G75
100	32		225	127	SW-130 x 102 FX-157 x 80	SW-102 x 76 FX-127 x 45	I22A16G100	I23A16G100

i4 SERIES - BOLT HOLE

- A general purpose industrial castor which is simple, reliable and economical.
- Double headset bearings for added strength.
- Robust metal brake assembly.
- Polypropylene wheels use a plain bearing to minimise cost.
- Bright zinc finish.

Ideal for:


- General trolleys.
- Dollies.
- Stillages.
- Heavy capacity shop fittings.
- Medical equipment.
- Catering equipment.
- Roll pallets.
- Materials handling equipment.
- Warehouse and industrial applications.



**Capacities:
80kg - 100kg**



**Refer to page 47 for
expanding adaptor options.**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
80	32	 Polypropylene	80	108	M12	I41A00G80	I41T00G80	I44A00G80	I44T00G80
100	34		100	128		I41A00G100	I41T00G100	I44A00G100	I44T00G100

i4 SERIES - PLATE

- Light industrial range with a sturdy and economical design.
- The polypropylene wheels are plain bearing to minimise cost and the grey rubber castors are fitted with precision bearings for a smooth rolling action (roller bearings for 160mm & 200mm).
- Double headset bearings for added strength.
- Robust metal brake assembly.
- Headset seals come as standard.
- Bright zinc finish.

Ideal for such uses as:

- General trolleys.
- Dollies.
- Stillages.
- Heavy capacity shop fittings.
- Medical equipment.
- Catering equipment.
- Roll pallets.
- Materials handling equipment.
- Warehouse and industrial applications.



**Capacities:
80kg - 200kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
80	30	Polypropylene	80	108	100 x 80	80 x 60	I42A00G80	I43A00G80	I42T00G80
100	34		100	128			I42A00G100	I43A00G100	I42T00G100
80	32	Rubber	80	108	100 x 80	80 x 60	I42A34K80	I43A34K80	I42T34K80
100	32		100	128			I42A34K100	I43A34K100	I42T34K100
125	32		125	152			I42A34K125	I43A34K125	I42T34K125
160	40	Rubber	160	193	SW- 140 x 110 FX-146 x 107	105 x 80	I42A06R160	I43A06R160	I42T06R160H
200	50		200	232			I42A06R200	I43A06R200	I42T06R200H

i5 SERIES - PLATE

- Double headset bearings for increased strength and improved manoeuvrability.
- Headset seals and wheel caps protect and increase the lifespan of the bearings.
- Thick steel construction allows the castors to withstand high shock loads.
- Available with nylon, non-marking resilient rubber and urethane wheels.
- All wheels come standard with precision bearings and wheel guards.




colson



**Capacities:
130kg - 200kg**

Ideal for such uses as:

- General trolleys.
- Heavy capacity shop fittings.
- Medical equipment.
- Catering equipment.
- Pharmaceutical equipment.
- Materials handling equipment.
- Warehouse and industrial applications.

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake			
80	32		130	108	105 x 85	80 x 60	I52AZ48K80	I53AZ48K80	I52TZ48K80			
100			200	128			I52AZ48K100	I53AZ48K100	I52TZ48K100			
125	200		155	I52AZ48K125			I53AZ48K125	I52TZ48K125				
80	32			130			108	105 x 85	80 x 60	I52AZ46K80	I53AZ46K80	I52TZ46K80
100				160			128			I52AZ46K100	I53AZ46K100	I52TZ46K100
125				160			155			I52AZ46K125	I53AZ46K125	I52TZ46K125
80	32			130	108	105 x 85	80 x 60			I52AZ50K80	I53AZ50K80	I52TZ50K80
100				200	128					I52AZ50K100	I53AZ50K100	I52TZ50K100
125				200	155					I52AZ50K125	I53AZ50K125	I52TZ50K125

i6 SERIES - BOLT HOLE


**Capacities:
90kg - 140kg**



- Resilient rubber wheels to prevent flat-spotting.
- Non-marking, elastic rubber tyres absorb shock loads while reducing friction and operating noise.
- They come complete with threadguards.
- Equipped with double headset bearings and sealing rings to keep out dust and debris.
- Bright zinc finish.



**Refer to page 47 for
expanding adaptor options.**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
75	24	 Rubber	90	111	M12	I61A15R75	I61T15R75	I64A15R75	I64T15R75
100	25		140	131		I61A15R100	I61T15R100	I64A15R100	I64T15R100
125	27		140	156		I61A15R125	I61T15R125	I64A15R125	I64T15R125


i6 SERIES - PLATE

i6 series is ideal for:

- Road and transport cases.
- Display equipment.
- Equipment cases.
- General materials handling equipment.
- Road cases.
- Kitchen trolleys.
- Catering trolleys.
- Trolleys for hospitals, hotels and food courts.
- Cleaning trolleys.

**Capacities:
90kg - 140kg**



Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
75	24	 Rubber	90	113	SW: 98x79 FX: 103 x 86	75-78x60	I62A15R75	I63A15R75	I62T15R75
100	25		140	133			I62A15R100	I63A15R100	I62T15R100
125	27		140	155			I62A15R125	I63A15R125	I62T15R125

J2 SERIES - PLATE



**Capacities:
200kg - 455kg**

Medium / Heavy Industrial

- Dust sealing rings to increase the life of the bearings.
- Heavy duty fabricated construction allows castor to withstand high impact loads.
- Available with nylon, cast iron, non-marking resilient rubber, urethane, urethane on cast iron and resilient rubber on cast iron wheels.

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
100	50		320	144	114 x 100	76-92 x 76-67	J22AZ82K100	J23AZ82K100	J22TZ82K100
125			410	165			J22AZ82K125	J23AZ82K125	J22TZ82K125
150			410	191			J22AZ82K150	J23AZ82K150	J22TZ82K150
200			455	241			J22AZ82K200	J23AZ82K200	J22TZ82K200
100	43		200	144	114 x 100	76-92 x 76-67	J22AZ83K100	J23AZ83K100	J22TZ83K100
125			240	165			J22AZ83K125	J23AZ83K125	J22TZ83K125
150			300	191			J22AZ83K150	J23AZ83K150	J22TZ83K150
200			400	241			J22AZ83K200	J23AZ83K200	J22TZ83K200
100	43		280	144	114 x 100	76-92 x 76-67	J22AZ84K100	J23AZ84K100	J22TZ84K100
125			340	165			J22AZ84K125	J23AZ84K125	J22TZ84K125
150			410	191			J22AZ84K150	J23AZ84K150	J22TZ84K150
200			455	241			J22AZ84K200	J23AZ84K200	J22TZ84K200
100	43		320	144	114 x 100	76-92 x 76-67	J22AZ85K100	J23AZ85K100	J22TZ85K100
125			410	165			J22AZ85K125	J23AZ85K125	J22TZ85K125
150			410	191			J22AZ85K150	J23AZ85K150	J22TZ85K150
200			455	241			J22AZ85K200	J23AZ85K200	J22TZ85K200
100	47		320	144	114 x 100	76-92 x 76-67	J22AZ87K100	J23AZ87K100	J22TZ87K100
125			410	165			J22AZ87K125	J23AZ87K125	J22TZ87K125
150			410	191			J22AZ87K150	J23AZ87K150	J22TZ87K150
200			455	241			J22AZ87K200	J23AZ87K200	J22TZ87K200
150	36		250	191	114 x 100	76-92 x 76-67	J22AZBRC150	J23AZBRC150	J22TZBRC150
200			300	241			J22AZBRC200	J23AZBRC200	J22TZBRC200

J3 SERIES - PLATE

- Grease nipple to headset bearings.
- All wheels (except for resilient rubber on cast iron) come with precision bearings.
- Robust brake assembly with adjustable brake.
- Suitable for a wide range of applications including; general and stock picking trolleys, dollies and stillages, catering and industrial laundry equipment etc.

**Capacities:
200kg - 455kg**



Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
100	50		320	144	135 x 110	105 x 80	J32AZ82K100	J33AZ82K100	J32TZ82K100
125			410	165			J32AZ82K125	J33AZ82K125	J32TZ82K125
150			410	191			J32AZ82K150	J33AZ82K150	J32TZ82K150
200			455	241			J32AZ82K200	J33AZ82K200	J32TZ82K200
100	43		200	144	135 x 110	105 x 80	J32AZ83K100	J33AZ83K100	J32TZ83K100
125			240	165			J32AZ83K125	J33AZ83K125	J32TZ83K125
150			300	191			J32AZ83K150	J33AZ83K150	J32TZ83K150
200			400	241			J32AZ83K200	J33AZ83K200	J32TZ83K200
100	43		280	144	135 x 110	105 x 80	J32AZ84K100	J33AZ84K100	J32TZ84K100
125			340	165			J32AZ84K125	J33AZ84K125	J32TZ84K125
150			410	191			J32AZ84K150	J33AZ84K150	J32TZ84K150
200			455	241			J32AZ84K200	J33AZ84K200	J32TZ84K200
100	43		320	144	135 x 110	105 x 80	J32AZ85K100	J33AZ85K100	J32TZ85K100
125			410	165			J32AZ85K125	J33AZ85K125	J32TZ85K125
150			410	191			J32AZ85K150	J33AZ85K150	J32TZ85K150
200			455	241			J32AZ85K200	J33AZ85K200	J32TZ85K200
100	47		320	144	135 x 110	105 x 80	J32AZ87K100	J33AZ87K100	J32TZ87K100
125			410	165			J32AZ87K125	J33AZ87K125	J32TZ87K125
150			410	191			J32AZ87K150	J33AZ87K150	J32TZ87K150
200			455	241			J32AZ87K200	J33AZ87K200	J32TZ87K200
150	36		250	191	135 x 110	105 x 80	J32AZBRC150	J33AZBRC150	J32TZBRC150
200			300	241			J32AZBRC200	J33AZBRC200	J32TZBRC200

J2 & J3 SERIES - PLATE - PLAIN BEARING

- Ideal for harsh environments where wheel bearing wear is an issue.
- Grease free, self lubricating delrin bush.

**Capacities:
200kg - 455kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
J2 PLATE MOUNTING									
100	43	 Rubber	200	144	114 x 100	76-92 x 76-67	J22AZ83G100	J23AZ83G100	J22TZ83G100
125			240	165			J22AZ83G125	J23AZ83G125	J22TZ83G125
150			300	191			J22AZ83G150	J23AZ83G150	J22TZ83G150
200			400	241			J22AZ83G200	J23AZ83G200	J22TZ83G200
100	43	 Urethane	280	144	114 x 100	76-92 x 76-67	J22AZ84G100	J23AZ84G100	J22TZ84G100
125			340	165			J22AZ84G125	J23AZ84G125	J22TZ84G125
150			410	191			J22AZ84G150	J23AZ84G150	J22TZ84G150
200			455	241			J22AZ84G200	J23AZ84G200	J22TZ84G200
100	47	 Nylon	320	144	114 x 100	76-92 x 76-67	J22AZ87G100	J23AZ87G100	J22TZ87G100
125			410	165			J22AZ87G125	J23AZ87G125	J22TZ87G125
150			410	191			J22AZ87G150	J23AZ87G150	J22TZ87G150
200			455	241			J22AZ87G200	J23AZ87G200	J22TZ87G200
J3 PLATE MOUNTING									
100	43	 Rubber	200	144	135 x 110	105 x 80	J32AZ83G100	J33AZ83G100	J32TZ83G100
125			240	165			J32AZ83G125	J33AZ83G125	J32TZ83G125
150			300	191			J32AZ83G150	J33AZ83G150	J32TZ83G150
200			400	241			J32AZ83G200	J33AZ83G200	J32TZ83G200
100	43	 Urethane	280	144	135 x 110	105 x 80	J32AZ84G100	J33AZ84G100	J32TZ84G100
125			340	165			J32AZ84G125	J33AZ84G125	J32TZ84G125
150			410	191			J32AZ84G150	J33AZ84G150	J32TZ84G150
200			455	241			J32AZ84G200	J33AZ84G200	J32TZ84G200
100	47	 Nylon	320	144	135 x 110	105 x 80	J32AZ87G100	J33AZ87G100	J32TZ87G100
125			410	165			J32AZ87G125	J33AZ87G125	J32TZ87G125
150			410	191			J32AZ87G150	J33AZ87G150	J32TZ87G150
200			455	241			J32AZ87G200	J33AZ87G200	J32TZ87G200

J7 SERIES - PLATE

Industrial Waste Bin Castors

- A high tensile king pin with nut and double-welded fork make the J7 an extremely strong castor built to handle high impact loads.
- Steel bearings in hardened upper raceway and high quality precision bearings form lower raceway.
- Heavy duty fabricated construction.
- Excellent head seal to prevent the ingress of dust and grit.
- Available with cast iron, urethane on cast iron and rubber on cast iron wheels.

**Capacities:
250kg - 600kg**



Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed
150	43	 Rubber on Cast Iron	250	194	178 x 102	152 x 76	J72AZBRC150	J73AZBRC150
150	50	 Cast Iron (Plain Bearing)	500	194	178 x 102	152 x 76	J72AZ82G150	J73AZ82G150
150	43	 Urethane on Cast Iron	480	194	178 x 102	152 x 76	J72AZ85K150	J73AZ85K150
150	40	 Urethane on Cast Iron	600	194	178 x 102	152 x 76	J72AZ150PT15	J73AZ150PT15

TG SERIES - PLATE




Colson Heavy Industrial



- Double headset bearings for smooth swivelling action with hardened raceway for added strength.
- Heavy duty fabricated construction allows castor to withstand high impact loads.
- Available in rubber on cast iron, urethane on cast iron and cast iron wheels.
- Robust brake assembly.
- Suitable for a wide range of heavy duty applications including; general and stock picking trolleys, dollies and stillages, catering and industrial laundry equipment etc.



**Capacities:
535kg - 600kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
150	48	 Rubber	535	190	130 x 105	105 x 80	TSG150RU15	TFG150RU15	TSG150RU15L
200				241			TSG200RU15	TFG200RU15	TSG200RU15L
150	45	 Cast Iron	600	190	130 x 105	105 x 80	TSG150CI15	TFG150CI15	N/A
200				241			TSG200CI15	TFG200CI15	N/A
150	45	 Urethane on Cast Iron	600	190	130 x 105	105 x 80	TSG150PT15	TFG150PT15	TSG150PT15L
200				241			TSG200PT2H	TFG200PT2H	TSG200PT2HL



TH SERIES - PLATE

Revvo Heavy Industrial

- The kingpinless swivel has a heavy duty forged steel top plate joined to an outer swivel ring by a full complement ball race running in hardened tracks.
- Heavy duty fabricated construction allows castor to withstand high impact loads.
- The closed head ring creates a grease reservoir preventing the escape of the headrace lubricants.
- Robust brake assembly.
- Suitable for a wide range of heavy duty applications including; heavy machinery, dollies and stillages, gantries, mobile work benches, ship yards, mining etc.



**Capacities:
880kg - 1300kg**

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
150	45	 Cast Iron	910	202	SW-150 x 110	105 x 60-80	TSH150CI15	TFH150CI15	N/A
200	45		1150	252	FX-150 x 115		TSG200RU15	TFH200CI15	N/A
150	57	 Urethane on Cast Iron	900	202	SW-150 x 110 FX-150 x 115	105 x 60-80	TSH15050PT2	TFH15050PT2	TSH15050PT2F
200	50		880	252			TSH200PT2H	TFH200PT2H	TSH200PT2HF
200	57		1040	252			TSH200PT2A	TFH200PT2A	TSH200PT2AF
250	57		1300	303			TSH250PT2A	TFH250PT2A	TSH250PT2AF

X1 SERIES - PLATE

Albion Super Heavy Industrial


- Kingpinless swivel.
- The top plate is made from 3/8" AISI 1045 heat treated steel.
- Heavy duty fabricated construction allows castor to withstand high impact loads.
- The frames are welded inside and out to increase strength and lifespan.
- 3/4" axle.
- Zinc plated finish.



Suitable for a wide range of heavy duty applications including:

- Heavy machinery.
- Dollies and stillages.
- Gantries.
- Mobile work benches.
- Mining, military and airport applications etc.

Capacity: 2000kg

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed
203	75	 Urethane on Cast Iron	2000	267	SW-184 x 133 FX-184 x 127	133-156 x 86-105	X12A91K200	X13A91K200
254	75		2000	318			X12A91K250	X13A91K250
305	75		2000	394			X12A91K300	X13A91K300

G7 SERIES - BOLT HOLE STAINLESS

- Attractive sleek design.
- Double headset bearings for added strength, long life and smooth swivelling action.
- Headset seals and wheel guards protect bearings from dust and other foreign matter.
- Rugged glass filled nylon brake assembly.
- Non-marking rubber and urethane wheels come as standard with stainless steel precision bearings, which reduce rolling resistance and noise.
- These high quality institutional castors are versatile and built to last.

**Capacities:
80kg - 100kg**



*Made from
304 grade
stainless steel.*



**Refer to page 47 for
expanding adaptor options.**

Ideal for:

- Medical trolleys and equipment.
- Hospital beds.
- Medicine trolleys.
- Food delivery trolleys.
- Display and shop fitting equipment.
- Commercial and domestic furniture.

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
75	32	 Rubber	80	109	1/2"/ M12	G71AS62K75	G71TS62K75	G74AS62K75	G74TS62K75
100			100	135		G71AS62K100	G71TS62K100	G74AS62K100	G74TS62K100
125			100	160		G71AS62K125	G71TS62K125	G74AS62K125	G74TS62K125
75	32	 Urethane	80	109	1/2"/ M12	G71AS63K75	G71TS63K75	G74AS63K75	G74TS63K75
100			100	135		G71AS63K100	G71TS63K100	G74AS63K100	G74TS63K100
125			100	160		G71AS63K125	G71TS63K125	G74AS63K125	G74TS63K125

i5 SERIES - BOLT HOLE - STAINLESS

**Capacities:
130kg - 200kg**

Developed for use in medical, institutional and food preparation applications.



Refer to page 47 for expanding adaptor options.

colson

- Stainless steel precision bearings come as standard on all wheels.
- Made from grade 304 stainless steel.
- Double headset bearings for increased strength and improved manoeuvrability.
- Headset seals and wheel caps protect and increase the life span of bearings.




Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	BH/ Bolt Size	Bolt Hole		Bolt Fitted	
						Swivel	Swivel + Brake	Swivel	Swivel + Brake
80	32	Nylon	130	108	M12	I51AS48K80	I51TS48K80	I54AS48K80	I54TS48K80
100			150	128		I51AS48K100	I51TS48K100	I54AS48K100	I54TS48K100
125	35		200	155		I51AS48K125	I51TS48K125	I54AS48K125	I54TS48K125
80	32	Rubber	130	108	M12	I51AS49K80	I51TS49K80	I54AS49K80	I54TS49K80
100			160	128		I51AS49K100	I51TS49K100	I54AS49K100	I54TS49K100
125	35		160	155		I51AS49K125	I51TS49K125	I54AS49K125	I54TS49K125
80	32	Urethane	130	108	M12	I51AS50K80	I51TS50K80	I54AS50K80	I54TS50K80
100			150	128		I51AS50K100	I51TS50K100	I54AS50K100	I54TS50K100
125	35		150	155		I51AS50K125	I51TS50K125	I54AS50K125	I54TS50K125

i5 SERIES - PLATE - STAINLESS

- The rubber wheels are an antimicrobial non-marking rubber which helps prevent the growth of microbes, bacteria, fungi, mould and mildew.
- Ideal for use in environments where there will be exposure to cleaning agents, moisture, steam and caustic or other corrosive chemicals.
- These high quality stainless steel castors are versatile and built to last.



colson

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed	Swivel + Brake
80	32	 Nylon	130	108	105 x 85	80 x 60	I52AS48K80	I53AS48K80	I52TS48K80
100			150	128			I52AS48K100	I53AS48K100	I52TS48K100
125	200		155	I52AS48K125			I53AS48K125	I52TS48K125	
80	32	 Rubber	130	108	105 x 85	80 x 60	I52AS49K80	I53AS49K80	I52TS49K80
100			160	128			I52AS49K100	I53AS49K100	I52TS49K100
125	160		155	I52AS49K125			I53AS49K125	I52TS49K100	
80	32	 Urethane	130	108	105 x 85	80 x 60	I52AS50K80	I53AS50K80	I52TS50K80
100			150	128			I52AS50K100	I53AS50K100	I52TS50K100
125	150		155	I52AS50K125			I53AS50K125	I52TS50K125	

HIGH TEMPERATURE CASTOR

Manufactured in Italy

- Manufactured by combining a phenolic compound with special fibres, these wheels are then moulded under high pressure to create a high quality, durable and versatile wheel.
- Extremely hard wearing, they roll well even on relatively soft surfaces and will not mark floors.
- Resistant to water, most solvents, oils, acids, chemicals and has excellent fire-smoke toxicity properties.
- Certified for use in the food industry and for any oven application requiring continuous exposure to temperatures up to +280°C with peaks of + 300°.
- Ideal for use in freezers, they can be exposed to temperatures as low as -40°C and are resistant to thermal shock due to rapidly rising or falling temperatures.

- Permanent lubrication approved by FDA-USDA for contact with foods.
- Computerised control of swivel head double ball race and assembling tolerances assures perfect swivelling without locking point.
- RoHS - REACH compliant.



-40° C
+ 300° C

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Product Code
100	35	Phenolic	160	131	100 x 85	80 x 60	S32AZMTW100

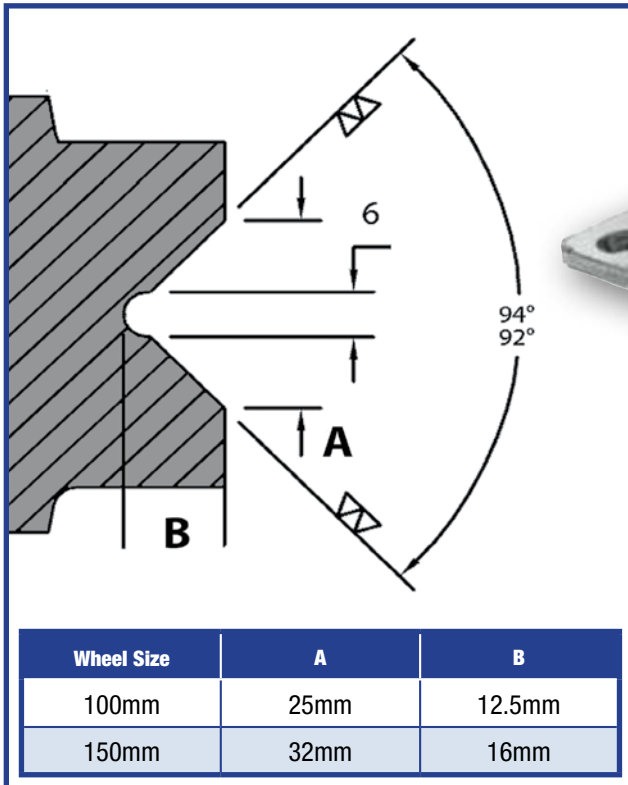
HIGH TEMPERATURE WHEEL

	Wheel Diameter (mm)	Hub (mm)	Tread Width (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Product Code
	100	39	35	12mm/8mm	180	Plain Bearing	MTW100

V-GROOVE CASTORS

Cast Iron V-Groove

- Heavy duty fabricated construction allows castor to withstand high impact loads.
- All wheels come with precision bearings.




**Capacities:
360kg - 480kg**



Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Product Code
100	46	Cast Iron	360	144	135 x 110	105 x 80	J33AZV82K100
150	46		480	191	135 x 110	105 x 80	J33AZV82K150

V-GROOVE WHEELS

	Wheel Diameter (mm)	Hub (mm)	Tread Width (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Product Code
	100	60	46	20mm/12mm	360	Precision	W82K100X60V
	150	60	46	20mm/12mm	600	Precision	W82K150X60V


CENTRAL LOCKING CASTORS


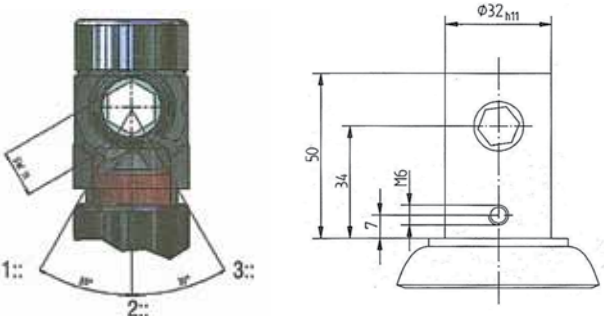



RHOMBUS
 The power of motion.

STANDARD CAM	
1: Dir Lock	52 degree ACW
2: Free Swivel	Horizontal
3: Total Lock	41 degree CW

White plastic covers available on request

Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Load Capacity (kg)	Overall Height (mm)	Total Lock	Total & Directional Lock
125	31	 TP Rubber	100	158	H35Q34K125	H35R34K125
150	31		110	184	H35Q34K150	H35R34K150
125	31	 Urethane	100	158	H35Q35K125	H35R35K125
150	31		110	184	H35Q35K150	H35R35K150

ACCESSORIES	SHORT STEM (Available on request)
 <p>Transmission Blocks with either single or double grub screw locks</p>	 <p>1: Dir Lock 2: Free Swivel 3: Total Lock</p> <p>52 degree ACW Horizontal 41 degree CW</p>
<p>Left and right pedals in either straight or bent configuration</p> 	

SCAFFOLD CASTORS

Capacities: 200kg - 900kg

- High quality Revvo castors designed specifically for scaffold applications.
- 200mm diameter castors are certified to meet Australian and New Zealand Standard AS/NZS1576.2 2009.
- Custom pintles can be designed and manufactured to meet individual requirements.



SCAF125PN-R24


- Zinc plated for a long service life.
- Hardwearing polyurethane tyred nylon wheel.
- 200mm diameter castors are marked with safe working load capacity.
- Threaded stem castor fitted with total lock brake.




SCAF200PNGST1S




SCAF200PNGTS


Wheel Diameter (mm)	Tread Width (mm)	Tyre Material	Bearing Type	Load Capacity (kg)	Overall Height (mm)	Brake Type	Mounting	Product Code
125	35	 Urethane	Plain	200	160	Wheel	Expanding nylon pintle 42.5mm to suit alloy tube: 50.8mm x 2.6mm wall and 50mm x 3.0mm wall	SCAF125PN-R24
200	50		Plain	750	240	Total	Adjustable mounting socket suits min tube ID 37mm, max tube OD with spacers 52mm	SCAF200PNGTS
200	50		Plain	900	240	Wheel	Solid pintle 150mm x 27mm	SCAF200PNGST1S

WHEELS - POLYPROPYLENE


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	80	38	30	12mm / 8mm	80	PLAIN	W00G80
	100	38	34	12mm / 8mm	100	PLAIN	W00G100


WHEELS - NYLON

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	80	45	32	8mm	130	PRECISION	W48K80Z
	100	45	32	8mm	200	PRECISION	W48K100Z
	125	45	35	8mm	200	PRECISION	W48K125Z

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	80	58	47	20mm / 1/2"	400	PRECISION	W87K100
	100	58	47	20mm / 1/2"	450	PRECISION	W87K125
	125	58	47	20mm / 1/2"	500	PRECISION	W87K150
150	55	47	20mm / 1/2"	550	PRECISION	W87K200	

WHEELS - GREY RUBBER


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	160	59	40	20mm / 12mm	160	ROLLER	W06R160
	200	59	50	20mm / 12mm	200	ROLLER	W06R200


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	80	38	32	8mm	80	PRECISION	W34K80
	100	38	32	8mm	100	PRECISION	W34K100
	125	48	32	10mm	100	PRECISION	W34K125


WHEELS - GREY RUBBER (cont'd)

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	75	38	32	8mm	80	PRECISION	W62K75
	100	38	32	8mm	100	PRECISION	W62K100
	125	38	32	8mm	100	PRECISION	W62K125
	150	38	32	8mm	120	PRECISION	W62K150


WHEELS - BLUE RUBBER


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	75	48	25	12mm / 8mm	90	ROLLER	W15R75
	100	48	25	12mm / 8mm	140	ROLLER	W15R100
	125	48	27	12mm / 8mm	140	ROLLER	W15R125

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	80	45	32	8mm	130	PRECISION	W46K80Z
	100	45	32	8mm	160	PRECISION	W46K100Z
	125	45	32	8mm	160	PRECISION	W46K125Z


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	100	58	43	20mm / 1/2"	200	PRECISION	W83K100
	125	58	43	20mm / 1/2"	240	PRECISION	W83K125
	150	58	43	20mm / 1/2"	300	PRECISION	W83K150
	200	58	43	20mm / 1/2"	400	PRECISION	W83K200


WHEELS - RUBBER ON CAST IRON

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	150	59	48	20mm / 1/2"	535	ROLLER	W150X60RU15
	200	59	48	20mm / 1/2"	535	ROLLER	W200X60RU15

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	150	60	35	3/4" / 1/2"	250	ROLLER	BRC150
	200	60	35	3/4" / 1/2"	300	ROLLER	BRC200


WHEELS - POLYURETHANE


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	75	38	32	8mm	80	PRECISION	W63K75
	100	38	32	8mm	100	PRECISION	W63K100


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	80	45	32	8mm	130	PRECISION	W50K80Z
	100	45	32	8mm	200	PRECISION	W50K100Z

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	100	58	43	20mm / 1/2"	280	PRECISION	W84K100
	125	58	43	20mm / 1/2"	340	PRECISION	W84K125


WHEELS - URETHANE ON CAST IRON


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	100	58	43	20mm / 1/2"	320	PRECISION	W85K100
	125	58	43	20mm / 1/2"	410	PRECISION	W85K125
	150	58	43	20mm / 1/2"	480	PRECISION	W85K150
	200	58	43	20mm / 1/2"	570	PRECISION	W85K200

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	150	60	40	20mm / 1/2"	600	ROLLER	W150X60PT15
	150	60	57	20mm / 12mm	900	PRECISION	W15050-PT2A
	200	60	57	20mm / 12mm	1040	PRECISION	W200-PT2A
	250	60	57	25mm / 16mm	1300	PRECISION	W250-PT2A


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	203	89	75	30mm / 3/4"	2000	PRECISION	W91K200
	254	89	75	30mm / 3/4"	2000	PRECISION	W91K250
	305	89	75	30mm / 3/4"	2000	PRECISION	W91K300


WHEELS - CAST IRON


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	100	58	50	20mm / 1/2"	450	PRECISION	W82K100
	125	58	50	20mm / 1/2"	500	PRECISION	W82K125
	150	58	50	20mm / 1/2"	550	PRECISION	W82K150
	200	58	50	20mm / 1/2"	640	PRECISION	W82K200

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	150	60	45	20mm / 1/2"	910	ROLLER	W150X60CI15
	200	60	45	20mm / 1/2"	1150	ROLLER	W200X60CI15


WHEELS - GENERAL

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	160	38	38	1/2"	50	PLAIN	Y06G160
	200	38	38	1/2"	70	PLAIN	Y06G200


	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	125	41	32	1/2"	40	BALL	Y13B125
	150	41	32	1/2"	50	BALL	Y13B150
	200	51	32	1/2"	60	BALL	Y13B200

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	100	41	31	1/2"	50	ROLLER	Y15R100
	125	41	32	1/2"	50	ROLLER	Y15R125
	150	41	32	1/2"	100	ROLLER	Y15R150
200	51	40	3/4"	150	ROLLER	Y15R200	


WHEELS - STAINLESS BEARINGS

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	80	45	32	8mm	130	PRECISION	W48K80SS
	100	45	32	8mm	150	PRECISION	W48K100SS
	125	45	35	8mm	200	PRECISION	W48K125SS

Nylon

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
	80	45	32	8mm	130	PRECISION	W49K80SS
	100	45	32	8mm	160	PRECISION	W49K100SS
	125	45	32	8mm	160	PRECISION	W49K125SS

Rubber

	Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID / Bush ID	Load Capacity (kg)	Bearing	Part Number
	80	45	32	8mm	130	PRECISION	W50K80SS
	100	45	32	8mm	150	PRECISION	W50K100SS
	125	45	32	8mm	150	PRECISION	W50K125SS

Urethane

PNEUMATICS - NYLON RIMS

- Perfect for use on uneven or unsealed ground.
- Thick and chunky tread for extra grip.
- Cushions impact on rough terrain.
- High quality construction incorporating durable materials.



Great for use with:

- Hand trucks.
- Trolleys.
- Nursery trolleys.
- Delicate sensitive equipment.
- Hand carts.
- Wheelbarrows.
- Mobile generators and equipment that requires impact cushioning or to be taken over rough terrain.

Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
220	50	60	3/4"	100	BALL	250X4NYLON-BRG
265	74	63	3/4"	120	BALL	350X4NYLON-BRG
400	103	102	1"	180	BALL	400X8NYLON-BRG
400	104	150	1"	200	BALL	650X8NYLON-BRG

Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
220	50	60	20	100	PLAIN	250X4NYLON-BUSH
265	74	63	20	120	PLAIN	350X4NYLON-BUSH
400	103	102	1"	180	PLAIN	400X8NYLON-BUSH
400	104	150	1"	200	PLAIN	650X8NYLON-BUSH

PNEUMATICS - STEEL RIMS - OFFSET

Pneumatic Wheels

- Perfect for use on uneven or unsealed ground.
- Thick and chunky tread for extra grip.
- Cushions impact on rough terrain.
- High quality construction incorporating durable materials.
- Great for use with hand trucks, trolleys, nursery trolleys, sensitive equipment, hand carts, wheelbarrows, mobile generators and equipment that requires impact cushioning or to be taken over rough terrain.



Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
220	36	39	5/8"	90	BALL	CPW2.50-4S5/80
265	52	71	5/8"	110	BALL	CPW3.50-4S5/80

PNEUMATICS - FLAT FREE

- Strong steel rim with powdercoated finish.
- Ideal for applications where punctures are a problem.
- Gives the bounce and feel of a pneumatic with its wide tread width.
- All terrain functionality without the threat of puncture.
- Made from polyurethane foam.



Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
265	57 (offset)	67	5/8"	125	PRECISION	SPW3.50-4PS5/8KO
265	59	67	3/4"	125	BALL	SPW3.50-4PS3/4C
390	102	80	1"	200	PRECISION	SPW4.00-8PS1KC
400	103	130	1"	220	PRECISION	SPW6.50-8PS1KC

PNEUMATICS - RED STEEL RIMS

- Fitted with high quality ball bearings.
- Strong steel rim with a powdercoated finish.
- 4 ply tyres.
- Perfect for use on uneven or unsealed ground.
- Thick and chunky tread for extra grip.
- Cushion impacts on rough terrain.
- High quality construction incorporating durable materials.
- Great for use with hand truck, trolleys, nursery trolleys, sensitive equipment, hand carts, wheelbarrows, mobile generators and equipment that requires impact cushioning or to be taken over rough terrain.



Diameter (mm)	Hub (mm)	Tread (mm)	Bore ID	Load Capacity (kg)	Bearing	Part Number
220	60	54	20mm	140	Ball	CPW2.50-4PS20C
220	60	54	3/4"	140	Ball	CPW2.50-4PS3/4C
275	60	65	1"	140	Ball	CPW2.50-6PS1C
275	64	65	20mm	140	Ball (with reducing bush)	CPW2.50-6PS20C
275	64	65	3/4"	140	Ball (with reducing bush)	CPW2.50-6PS3/4C
265	60	70	20mm	160	Ball	CPW3.50-4PS20C
265	60	70	3/4"	160	Ball	CPW3.50-4PS3/4C
320	60	80	1"	180	Ball	CPW3.50-6PS1C
320	64	80	20mm	180	Ball (with reducing bush)	CPW3.50-6PS20C
320	64	80	3/4"	180	Ball (with reducing bush)	CPW3.50-6PS3/4C
400	80	100	1"	220	Ball	CPW4.00-8PS1C
400	84	100	20mm	220	Ball (with reducing bush)	CPW4.00-8PS20C
400	84	100	3/4"	220	Ball (with reducing bush)	CPW4.00-8PS3/4C

PNEUMATIC - TYRES & TUBES



- Replacement tyre and tubes for industrial strength pneumatic wheels.
- 4 ply black rubber tyres.
- Bent valve for ease of inflation.
- Replacement for worn tyres.
- Replacement for punctured tubes.


Suits Pneumatic	Suits Rim Width	Suits Rim Diameter	Tube Code	Tyre Code
2.50-4	2.5"	4"	250X4TUBE	250X4TYRE
2.50-6	2.5"	6"	250X6TUBE	250X6TYRE
3.50-4	3.5"	4"	350X4TUBE	350X4TYRE
3.50-6	3.5"	6"	350X6TUBE	350X6TYRE
4.00-8	4"	8"	400X8TUBE	400X8TYRE
6.50-8	6.5"	8"	650X8TUBE	650X8TYRE

PNEUMATIC CASTORS

Capacities: 140kg - 180kg

- Perfect for use on uneven or unsealed ground.
- 4 ply tyres.
- Ball bearing wheels.
- Rugged welded steel construction with fully hardened double headset bearings.



Wheels Diameter (mm)	Tread Width (mm)	Tyre Material (mm)	Load Capacity (kg)	Overall Height (mm)	Plate Size (mm)	Hole Centres (mm)	Swivel	Fixed
200	60	 PNEUMATIC	140	260	114X102	76-92X73-64	J32A98B200	J33A98B200
250	80		180	324	114X102	76-92X73-64	J32A98B250	J33A98B250

L SHAPE - CORNER BUFFER

- Fitted to mobile equipment to protect walls and furnishings when using the equipment internally.
- Robust plastic body to cushion impact and ensure durability.
- Reinforced metal bolt holes for a strong fit.
- Ideal for hospitals, nursing homes and offices etc.



Length (mm)	Thickness (mm)	Product Code
100	21	BUFFER100X100

ROTARY - BUFFER

Protects walls & furnishings when using mobile equipment internally.

- Strong air filled plastic shell.
- Designed to rotate along contact surface, reducing impact.
- Suits 1" OD round tube.
- Ideal for hospitals, nursing homes and offices etc.



Diameter (mm)	Thickness (mm)	Bore ID	Product Code
125	49	1" RND	BUFF4R25

FLOOR LOCKS

Floor locks are for use where conventional castor brakes cannot provide sufficient braking force. Also suitable for use with pneumatic wheels where brakes are not an option.

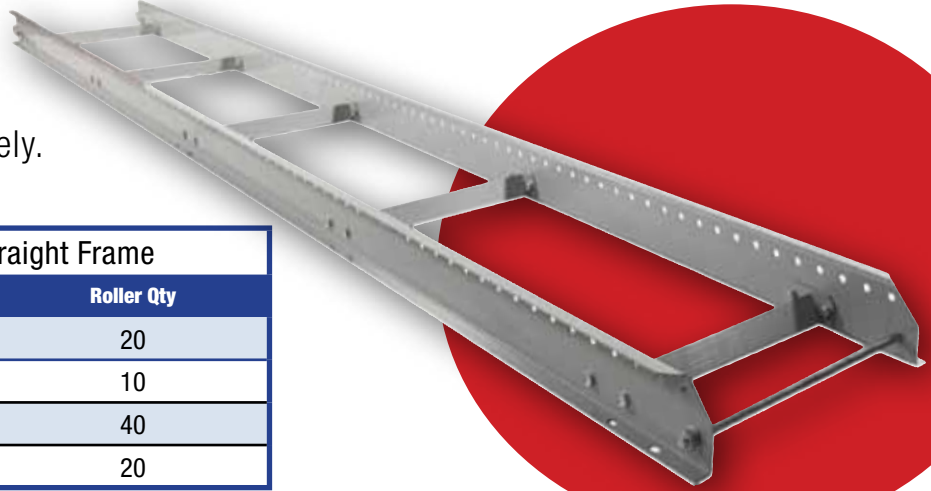
- Heavy duty industrial strength construction.
- Non-slip rubber pad holds securely on smooth floors.
- Durable high compression spring for heavy loads.
- Attractive zinc plated finish on FL locks and black painted finish on TLCH.



Extended Height (mm)	Retracted Height (mm)	Plate Size (mm)	Hole Centres (mm)	Product Code
208	163.5	152X114	127X63.5	TLCH
149	125	114X102	77-92X67-76	FL4
169	141	114X102	77-92X67-76	FL5
197	169	114X102	77-92X67-76	FL6
247	219	114X102	77-92X67-76	FL8

CONVEYOR FRAMES - STRAIGHT

- Interlocking sections make for greater flexibility, as well as providing safety through ensuring maximum stability.
- Frames come in an industrial grey painted finish.
- Rollers and stands are sold separately.
- Supplied in kit form.

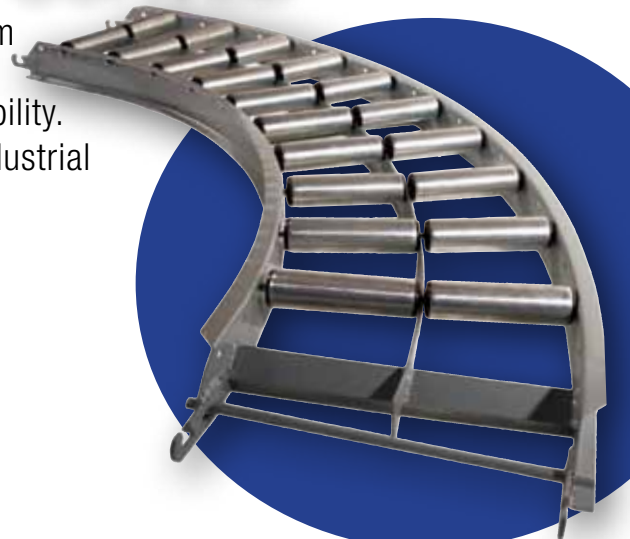


Number of Rollers per Length of Straight Frame		
Straight Length	Pitch (mm)	Roller Qty
1500mm	75	20
1500mm	150	10
3000mm	75	40
3000mm	150	20

Overall Width (mm)	Length (mm)	Product Code
300	1500	CFA1500X300A
300	3000	CFA3000X300A
450	1500	CFA1500X450A
450	3000	CFA3000X450A
600	1500	CFA1500X600A
600	3000	CFA3000X600A

CONVEYOR FRAMES - CURVED

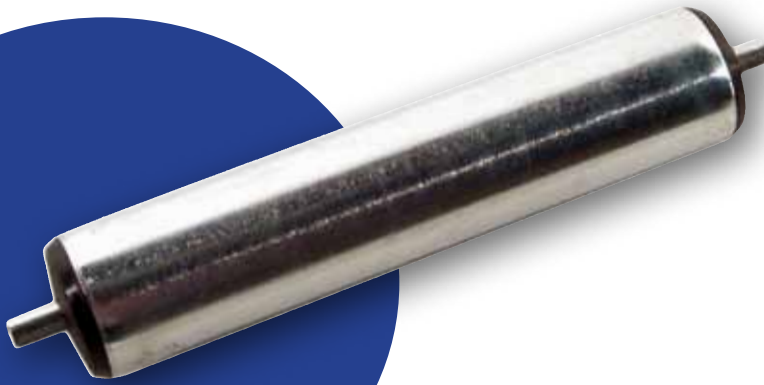
- Versatile system allows for configuring around corners and in any desired direction.
- Interlocking sections make for greater flexibility.
- Interlocking mechanism provides safety and ensures maximum stability.
- Frames come in an industrial grey painted finish.



Number of Rollers per Length of Curved Frame		
Curved Width	Pitch (mm)	Roller Qty
300mm	70-90	22
300mm	135-175	11
450mm	65-95	22
450mm	130-190	11
600mm	65-105	22
600mm	135-210	11

Overall Width (mm)	Outside Radius (mm)	Product Code
300	1220	CFB090DX300
450	1220	CFB090DX450
600	1360	CFB090DX600

CONVEYOR ROLLERS - STEEL



- Rollers have spring loaded shafts for easy installation and hassle free maintenance.
- Rollers are fitted with precision bearings for a smooth rolling action.
- Zinc plated finish.

Face Width (mm)	Suits Frame Width (mm)	Over Bearing Width (mm)	Load Capacity (kg)	Material	Suits Frame Type	Product Code
226	300	238	110	STEEL	STRAIGHT	CRA2S300X050
380	450	390	110	STEEL	STRAIGHT	CRA2S450X050
530	600	542	110	STEEL	STRAIGHT	CRA2S600X050
2 x 104	300	238	110	STEEL	CURVED	CRB2S300X050
2 x 180	450	390	110	STEEL	CURVED	CRB2S450X050
2 x 254	600	542	110	STEEL	CURVED	CRB2S600X050

CONVEYOR ROLLERS - POLYPROPYLENE



- Rollers have spring loaded shafts for easy installation and hassle free maintenance.
- Rollers are fitted with precision bearings for a smooth rolling action.

Face Width (mm)	Suits Frame Width (mm)	Over Bearing Width (mm)	Load Capacity (kg)	Material	Suits Frame Type	Product Code
233	300	238	50	Polypropylene	STRAIGHT	CRA3P300X050
385	450	390	50	Polypropylene	STRAIGHT	CRA3P450X050
537	600	542	50	Polypropylene	STRAIGHT	CRA3P600X050
2 x 111	300	238	50	Polypropylene	CURVED	CRB3P300X050
2 x 186	450	390	50	Polypropylene	CURVED	CRB3P450X050
2 x 263	600	542	50	Polypropylene	CURVED	CRB3P600X050

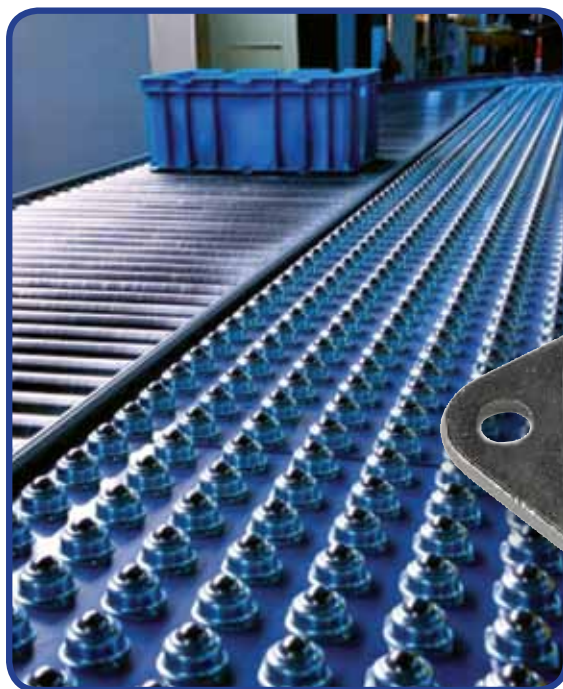
CONVEYOR FRAMES - H TYPE

- Adjustable Conveyor Stands provide a rigid footing for Gravity Conveyors.
- Adjustable height provides flexibility in application and operator comfort.
- Manufactured from high quality pressed steel for structural strength.
- Supplied in kit form.

Width (mm)	Height Range (mm)	Product Code
300	505-800	CSH0800X300A
300	715-1050	CSH1050X300A
450	505-800	CSH0800X450A
450	715-1050	CSH1050X450A
600	505-800	CSH0800X600A
600	715-1050	CSH1050X600A



BALL TRANSFER

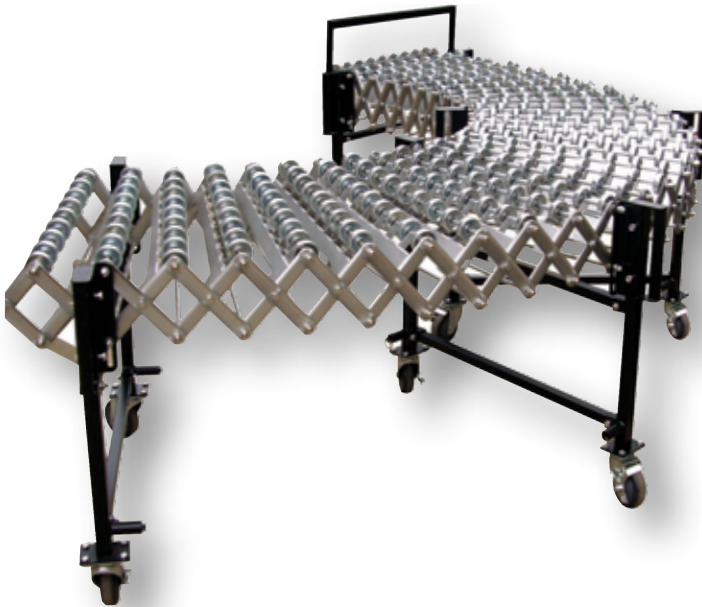


- These simple but very adaptable free-rolling units enable operators to transfer most flat objects in any direction on a horizontal plane.



Overall Height (mm)	Mounting Hole Centre (mm)	Hole Size (mm)	Load Capacity (kg)	Ball Diameter (mm)	Product Code
31	63	6	45	25	CBTC1

EXPANDING CONVEYOR



- The expandable conveyor offers convenience and flexibility, allowing operators to work in tight spaces.
- Can be extended to over three and a half metres which allows the adaption of the conveyor to move goods directly to a desired location.

Length (mm)	Width (mm)	Height (mm)	Load Capacity (kg)	Wheel Diameter (mm)	Product Code
1000-3800	460	700-1000	80 per m ²	50	CE460WS
1000-3800	590	700-1000	80 per m ²	50	CE592WS

WHEEL TRACK



- Single track skate wheel is ideal for transporting pallets, lengths of timber, boxes and other large items.
- Available in steel or nylon wheels.

Length (mm)	Width (mm)	Wheel Type	Pitch (mm)	Product Code
3000	25	Nylon	75	CWAN3000X52P1
3000	25	Steel	75	CWAS3000X50P1

PLATFORM TROLLEY



**Capacities:
150kg - 250kg**

- Heavy duty design for industrial applications.
- Anti-slip covered platform.
- Neat buffer strip surrounding platform edge.
- Fold down handle with foot operated release bar.
- Positive locking in folded and upright mode.
- Fitted with 2 fixed and 2 swivel castors.
- Non-marking rubber wheels.

Load Capacity (kg)	Platform Size (mm)	Handle Height (mm)	Wheel Diameter (mm)	Net Weight (kg)	Product Code
150	740 x 480	860	100	12.5	TFP150
250	910 x 610	860	125	18.6	TFP250

2 & 3 TIER TROLLEY



Capacity: 120kg

- Heavy duty design for both industrial and institutional applications.
- Anti-slip covered platform.
- Neat buffer strip surrounding platform edge.
- Fitted with 2 fixed and 2 swivel castors for easy manoeuvrability.
- Non-marking rubber wheels.
- Available in either 2 or 3 tiers.



Load Capacity (kg)	Platform Size (mm)	Handle Height (mm)	Wheel Diameter (mm)	Net Weight (kg)	Product Code
120	740 x 480	860	100	21	T2T120
120	740 x 480	860	100	26.1	T3T120

DRUM RACK CRADLE

Capacity: 300kg

- Enables one person to safely lift a drum by themselves.
- Fitted with 2 fixed wheels and 2 swivel castors for maximum manoeuvrability.
- Extendable handles to reduce the required lifting force making for a safer and easier lift.



Load Capacity (kg)	Drum Type	Front Wheel	Rear Castor	Net Weight (kg)	Product Code
300	210LT Steel	125	100	14.5	TDR275

DRUM TRUCK

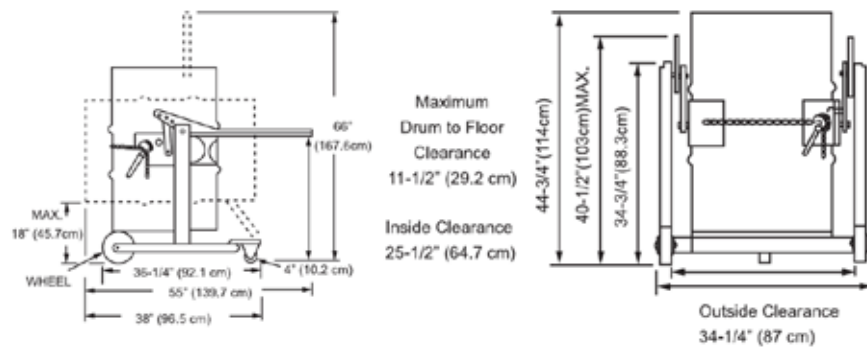
Capacity: 450kg

- One person can operate easily.
- Self-standing with kickstand.
- 250mm rubber wheel for operation with less effort.
- Securely grips the drum to allow easy and safe transportation.



Load Capacity (kg)	Drum Size (L)	Handle Height (mm)	Wheel Diameter (mm)	Net Weight (kg)	Product Code
450	114/210	1520 X 620 X 1500	250	28	TDT450

DRUM CARRIER



Load Capacity (kg)	Drum Size (L)	Net Weight (kg)	Product Code
364	210	50	TDC300

DRUM DOLLY



Capacity: 410kg

- Smooth rolling, strong and durable dollies easily transport 210 litre drums.
- All welded steel frame.
- Heavy duty 75mm zinc plated castors fitted with polyolefin wheels that resist oil, water and impact damage.

Load Capacity (kg)	Drum Size (L)	Inside Diameter (mm)	Wheel Diameter (mm)	Net Weight (kg)	Product Code
410	210	603	75	5	TDD410

ALUMINIUM CONVERTIBLE HAND TRUCK

- Quickly converts from a 2-wheel upright trolley to a 4-wheel platform truck.
- The polished, low friction nose plate surface is easy to load and unload.
- Corrosion resistant aluminium is lightweight to reduce operator fatigue, yet strong enough to handle heavy loads up to 300kg.
- Fitted with pneumatic wheels to handle the roughest terrain.

	Hand Truck	Platform Truck
Load Capacity (kg)	200	300
Handle Height (mm)	1160	1030
Platform Size (mm)	N/A	1086 x 306
Overall Size (mm)	520 x 470 x 1310	520 x 1200 x 1040
Foot Plate Size (mm)	185 x 456	
Castor Wheel Diameter (mm)	125	
Pneumatic Wheel Diameter (mm)	260	
Net Weight (kg)	17	
Product Code	THTPA300	



Supplied in kit form

**Capacities:
200kg - 300kg**

ALUMINIUM HAND TRUCK

- Modular components are bolted on to make repairs easier, reducing downtime.
- Corrosion resistant aluminium is lightweight to reduce operator fatigue, yet strong enough to handle heavy loads up to 300kg.
- Solid rubber wheels increase the load capacity.

Capacity: 300kg

Load Capacity (kg)	Nose Plate (mm)	Wheel Diameter (mm)	Overall Size (mm)	Net Weight (kg)	Product Code
300	355 x 190	250	420 x 510 x 1330	12.2	TSHTA300



COLLAPSIBLE TRANSPORT TROLLEY

Capacity: 100kg

- The strong aluminium tubular frame cart is light weight yet handles heavy loads.
- The telescopic handle features a comfortable grip.
- Simple push button operation retracts wheels and folds noseplate automatically in seconds.
- Collapsible transport trolley offers the carrying capacity of a large hand truck but folds thinner than most other folding trolleys for easy storage.



Load Capacity (kg)	Foot Plate Size (mm)	Handle Height (mm)	Wheel Diameter (mm)	Overall Size Folded (mm)	Overall Size Extended (mm)	Net Weight (kg)	Product Code
100	486 x 280	1080	175	490 x 60 x 1080	490 x 450 x 1080	5	TATA100

EXPANDING ADAPTORS

Expanding adaptors are used in conjunction with bolt hole castors and allow you to fit the castor to the end of round or square tubing. You simply screw the adaptor onto the threaded bolt protruding from the top of the castor, insert it into the tubing and then turn the bolt. As you turn the bolt, it compresses the adaptor towards the head of the castor. This forces the adaptor to expand inside the tube, holding the castor in place.

- A low cost and reliable way of fitting castors to tubing.
- Great for light duty trolleys and equipment.
- Able to suit round tubing from 16mm-32mm.
- Able to suit square tubing from 19mm - 32mm.
- Able to suit either M12 or M10 bolts.
- Available in adaptor and bolt kits or the adaptors only.



Suit Tube ID	Tube Shape	Thread Size	Adaptor Code	Adaptor + Bolt Code
M10 BOLTS				
16mm	ROUND	M10	A10R16	A10R16SET
19mm	ROUND	M10	A10R19	A10R19SET
22mm	ROUND	M10	A10R22	A10R22SET
27mm	ROUND	M10	A10R27	A10R27SET
19mm	SQUARE	M10	A10S19	A10S19SET
22mm	SQUARE	M10	A10S22	A10S22SET
27mm	SQUARE	M10	A10S27	A10S27SET
M12 BOLTS				
19mm	ROUND	M12	A12R19	A12R19SET
22mm	ROUND	M12	A12R22	A12R22SET
27mm	ROUND	M12	A12R27	A12R27SET
19mm	SQUARE	M12	A12S19	A12S19SET
22mm	SQUARE	M12	A12S22	A12S22SET
27mm	SQUARE	M12	A12S27	A12S27SET

GAS SPRINGS



Bansbach gas springs are custom made to order in Germany.



EHI Australia is the distributor for Bansbach easylift gas springs. Bansbach gas springs are manufactured out of the highest quality, environmentally friendly materials. These precision made products are used throughout the aerospace industry as well as in medical equipment and furniture.



For more information go to www.ehi.com.au/gassprings



Wheels & Castors

**Conveyors, Trolleys &
Materials Handling
Equipment**

