



Jung Hydraulic Jacks



Leveling Jacks



**Jack without
Wheels**

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Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings (see Wheel Section). Call, fax or e-mail for application assistance, or visit our website to view our complete catalog in PDF format.

Visit our Web site for new products
www.acornindprod.com



**Stainless Steel
Floor Lock**



Floor Locks



Jung Dollies

Serie 701

Ball units with steel housing

Housing bright zinc plated steel or stainless steel. Steel, nylon (N) or stainless steel (R) load ball.

**Additional Sizes Available
on Our Website**



Ordering Number	ball ID				Dimensions				hole Ø ball hole spacing		gross weight	
	Ø mm	Ø mm	Ø1 mm	H mm	h mm	a mm	b mm	mm	mm	kg	kg	
with counterbore housing and flange fitting with fixing holes												
with steel ball												
701-20/0-F2	20	29	61	22	10	3	7	5	45	0,085	25	
701-25/0-F2	25	38	73	30	14	3	8	5	56	0,170	55	
701-32/0-F2	32	46	73	36	16	4	8	5	59	0,270	125	
701-40/0-F2	40	56	89	46	22	6	13	7	70	0,515	140	
701-50/0-F3	50	75	121	59	29	6	14	8	92	1,049	340	
with nylon ball												
701 N-20/0-F2	20	29	61	22	10	3	7	5	45	0,085	20	
701 N-25/0-F2	25	38	73	30	14	3	8	5	56	0,170	25	
stainless steel housing and ball												
701 R-20/0-F2	20	29	61	22	10	3	7	5	45	0,085	25	
701 R-25/0-F2	25	38	73	30	14	3	8	5	56	0,170	55	
701 R-32/0-F2	32	46	73	36	16	4	8	5	59	0,270	125	
701 R-40/0-F2	40	56	89	46	22	6	13	7	70	0,515	140	
701 R-50/0-F3	50	75	121	59	29	6	14	8	92	1,049	340	

F2 - 2 fixing holes, F3 - 3 fixing holes

Serie 702

Ball units with bolt fixing

Housing bright zinc plated or stainless steel. Steel, nylon (N) or stainless steel (R) load ball. Other bolt lengths available on request.



Ordering Number	ball ID		Dimensions				fixing hole	gross weight		
	Ø mm	Ø mm	H mm	h mm	a mm	b mm		mm	kg	kg
with steel ball										
702-19/1	19	32,1	65,2	30,2	4,7	25,4	M8x35	0,080	20	
702-25/1	25	39,7	87,7	39,7	6,3	33,4	M8x43	0,160	55	
702-40/1	40	55,5	96,8	54,8	11,9	42,9	M10x42	0,490	140	
with nylon ball										
702 N-19/1	19	32,1	65,2	30,2	4,7	25,4	M8x35	0,080	20	
702 N-25/1	25	39,7	87,7	39,7	6,3	33,4	M8x43	0,150	25	
stainless steel housing and ball										
702 R-19/1	19	32,1	75,2	30,2	4,7	25,4	M8x45	0,080	20	
702 R-25/1	25	39,7	72,7	39,7	6,3	33,4	M8x43	0,150	55	
702 R-40/1	40	55,5	86,8	54,8	11,9	42,9	M10x32	0,490	140	

**Additional Sizes Available
on Our Website**

**EURO ball units with
steel housing**

Housing with separate hardened bearing cup, bright zinc plated or stainless steel. Steel support ball. Steel, nylon (N) or stainless steel (S/R) load balls.

Serie 710/0

Ordering Number	d _{ext} mm	D _{ext} mm	D _{int} mm	H mm	b mm	h mm	h ₁ mm	mm	mm	kg	kg
<i>EURO ball units with steel housing</i>											
<i>mit Stahlkugellager, Gehäuse verzinkt/with steel ball, zinc plated housing/over title in steel, better output</i>											
710-15/0	15	24	31	21,0	9,5	2,8	6,3	-	-	0,043	60
710-22/0	22	36	45	30,0	9,8	2,8	5,5	-	-	0,132	160
710-30/0	30	45	55	37,0	13,8	4,0	8,3	-	-	0,278	300
710-45/0	45	62	75	53,5	19,0	4,0	10,0	-	-	0,725	610
<i>mit Nylonkugellager, Gehäuse verzinkt/with nylon ball, zinc plated housing/over title in nylon, better output</i>											
710 N-15/0	15	24	31	21,0	9,5	2,8	6,3	-	-	0,028	10
710 N-22/0	22	36	45	30,0	9,8	2,8	5,5	-	-	0,096	20
710 N-30/0	30	45	55	37,0	13,8	4,0	8,3	-	-	0,182	25
<i>mit Kugellager aus rostfreiem Edelstahl, Gehäuse verzinkt/with stainless steel ball, zinc plated housing/over title in steel, inextensible, better output</i>											
710 S-15/0	15	24	31	21,0	9,5	2,8	6,3	-	-	0,043	60
710 S-22/0	22	36	45	30,0	9,8	2,8	5,5	-	-	0,132	160
710 S-30/0	30	45	55	37,0	13,8	4,0	8,3	-	-	0,278	300
710 S-45/0	45	62	75	53,5	19,0	4,0	10,0	-	-	0,725	610
<i>Gehäuse mit Stahlkugellager aus rostfreiem Edelstahl/stainless steel housing and ball/balls in title in steel, inextensible</i>											
710 R-15/0	15	24	31	21,0	9,5	2,8	6,3	-	-	0,043	38
710 R-22/0	22	36	45	30,0	9,8	2,8	5,5	-	-	0,132	100
710 R-30/0	30	45	55	37,0	13,8	4,0	8,3	-	-	0,278	200
710 R-45/0	45	62	75	53,5	19,0	4,0	10,0	-	-	0,725	250



**EURO ball units with
steel housing**

Housing with separate hardened bearing cup, bright zinc plated or stainless steel. Steel support ball. Steel, nylon (N) or stainless steel (S/R) load balls.

Serie 710/1

Ordering Number	d _{ext} mm	D _{ext} mm	D _{int} mm	H mm	b mm	h mm	h ₁ mm	mm	mm	kg	kg
<i>EURO ball units with steel housing</i>											
<i>mit 2 Schichten/with two dotted holes/over clear cross entailed</i>											
<i>mit Stahlkugellager, Gehäuse verzinkt/with steel ball, zinc plated housing/over title in steel, better output</i>											
710-15/1	15	24	31	21,0	9,5	2,8	6,3	3,5	29	0,043	60
710-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	0,132	160
710-30/1	30	45	55	37,0	13,8	4,0	8,3	3,5	51	0,278	300
710-45/1	45	62	75	53,5	19,0	4,0	10,0	4,3	69	0,725	610
<i>mit Nylonkugellager, Gehäuse verzinkt/with nylon ball, zinc plated housing/over title in nylon, better output</i>											
710 N-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	0,096	20
710 N-30/1	30	45	55	37,0	13,8	4,0	8,3	3,5	51	0,182	25
<i>mit Kugellager aus rostfreiem Edelstahl, Gehäuse verzinkt/with stainless steel ball, zinc plated housing/over title in steel, inextensible, better output</i>											
710 S-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	0,132	160
710 S-30/1	30	45	55	37,0	13,8	4,0	8,3	3,5	51	0,278	300
<i>Gehäuse mit Stahlkugellager aus rostfreiem Edelstahl/stainless steel housing and ball/balls in title in steel, inextensible</i>											
710 R-15/1	15	24	31	21,0	9,5	2,8	6,3	3,5	29	0,043	38
710 R-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	0,132	100



**Additional Sizes Available
on Our Website**

Heavy-duty ball units

Solid steel housing with hardened bearing cup and sealing ring. For high load capacities up to 2000 kg and ambient temperatures ranging from -30 to +100 °C. Also available with stainless steel ball.



Ordering Number	d _{ext} mm	D mm	H mm	h mm	ø mm	b mm	mm	mm	mm	kg
ball unit										
717-12/0	12	20,6	19,60	16,10	3,5	-	-	-	-	35
717-25/0	25	44,4	41,40	35,80	5,6	-	-	-	-	135
717-25/0 S*	25	50,8	44,70	38,60	6,1	-	-	-	-	320
717-38/0	38	60,3	61,50	48,50	13,0	-	-	-	-	1000
with large ball										
717-12/1	12	20,6	35,80	19,60	3,5	-	-	-	M08x16	35
717-25/1	25	44,5	72,40	48,30	5,6	-	-	-	M12x25	135
717-25/1 S*	25	50,8	77,00	51,30	6,1	-	-	-	M12x25	320
717-38/1	38	60,3	114,30	73,50	13,0	-	-	-	M20x41	1000
717-50/1	50	101,6	159,00	109,10	14,3	-	-	-	M24x50	2000
with top flange fixing										
717-12/2**	12	23,8	22,40	11,20	3,2	3,60	ø 45	35x35	-	35
717-25/2	25	44,5	41,60	10,30	4,7	5,60	57x57	44,5x44,5	-	135
717-25/2 S*	25	50,8	45,00	13,00	6,9	7,10	76x76	57,9x57,9	-	320
717-38/2	38	60,5	61,20	25,40	12,4	7,10	76x76	57,9x57,9	-	1000
717-50/2	50	101,6	98,30	33,30	19,0	11,00	127x127	101,6x101,6	-	2000
with bottom flange fixing										
717-12/3**	12	23,8	19,10	22,60	3,2	3,60	ø 45	35x35	-	35
717-25/3	25	44,5	41,40	35,80	4,8	5,60	57x57	44,5x44,5	-	135
717-25/3 S*	25	50,8	45,50	39,10	6,3	7,10	76x76	57,9x57,9	-	320
717-38/3	38	60,5	62,20	49,20	12,7	7,10	76x76	57,9x57,9	-	1000
717-50/3	50	101,6	98,30	84,00	9,6	11,00	127x127	101,6x101,6	-	2000

* S = stainless steel design

** = with round flange fixing Ø 48 mm

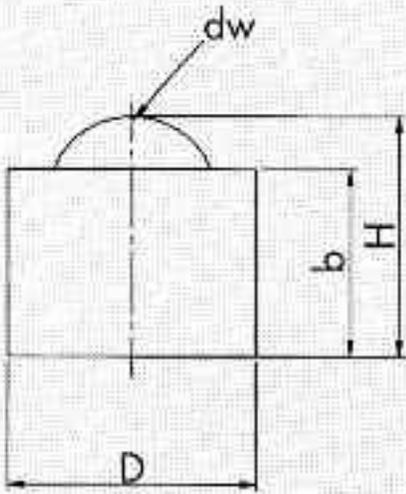
Heavy-duty ball units

Solid steel housing with hardened bearing cup, zinc-coated and with sealing ring. For high load capacities up to 4000 kg. Chromium-plated or stainless steel load ball (S).

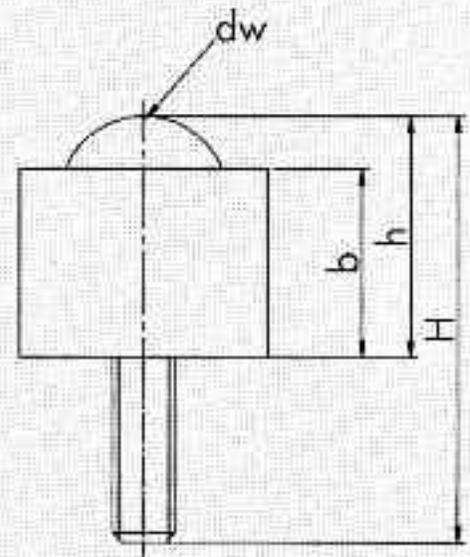


Ordering Number	d _{ext} mm	D mm	H mm	h mm	t mm	ø mm	b mm	kg	kg
with zinc ball									
721-60	60	100	-	61,0	77,5	16,5	-	3,500	1500
721-76	76	130	-	103,0	80,0	23,0	-	8,600	2500
721-90	90	145	-	115,0	90,0	25,0	-	11,000	4000
with zinc-coated steel cup and support balls									
721 S-60	60	100	-	61,0	77,5	16,5	-	3,500	1000
721 S-76	76	130	-	103,0	80,0	23,0	-	8,600	2500
721 S-90	90	145	-	115,0	90,0	25,0	-	11,000	3500

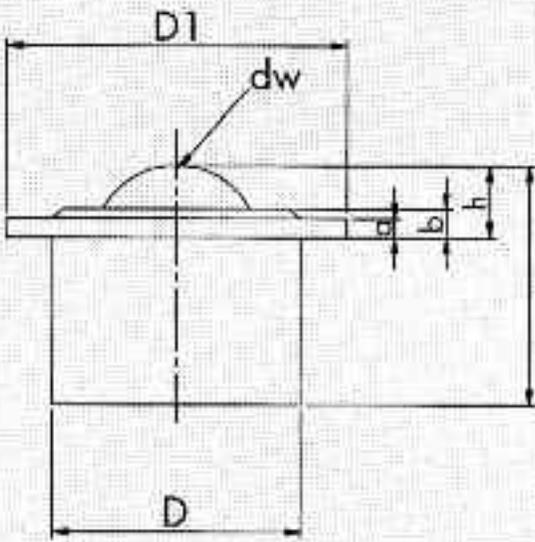
Mounting Dimensions



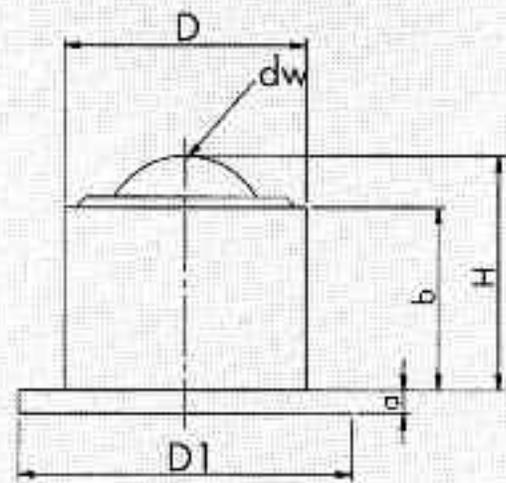
base unit



design with bolt fixing



design with top flange fixing



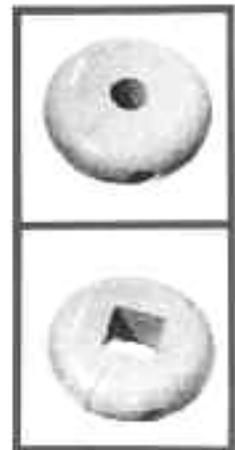
design with bottom flange fixing

ROUND TUBING BUMPER

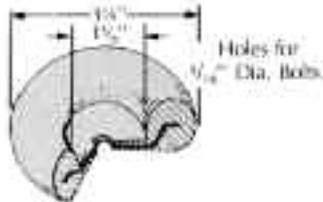
SQUARE TUBING BUMPER

3" OUTSIDE DIAMETER		5" OUTSIDE DIAMETER	
	Number		Number
5/8" Diam. I.D.	A-8400	3/4" Diam. I.D.	A-8355
3/4" Diam. I.D.	A-8401	1" Diam. I.D.	A-2270
7/8" Diam. I.D.	A-8402	1-1/4" Diam. I.D.	A-2274
1" Diam. I.D.	A-8403	1-1/2" Diam. I.D.	A-2275
1-1/4" Diam. I.D.	A-8404	1.9" Diam. I.D.	A-2276
Weight 3 oz. each.		Weight 12 oz. each.	

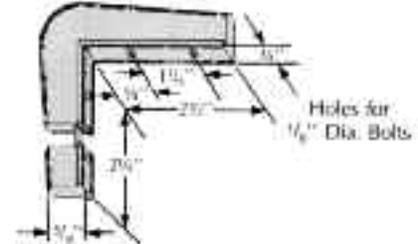
3" OUTSIDE DIAMETER		5" OUTSIDE DIAMETER	
	Number		Number
7/8" Square I.D.	A-8409	7/8" Square I.D.	A-8847
1" Square I.D.	A-8410	1" Square I.D.	A-7668
		1-1/4" Square I.D.	A-4953
		1-1/2" Square I.D.	A-2272
		1-5/8" Square I.D.	A-5375
		1-3/4" Square I.D.	A-6147
		2" Square I.D.	A-2273
		1-5/8" x 1-13/16 Rectangle	A-2271
Weight 4 oz. each.		Weight 12 oz. each.	



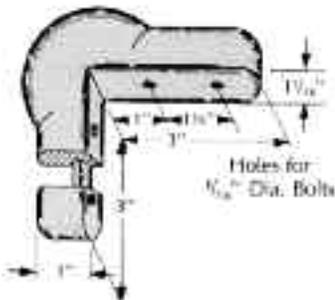
DOUGHNUT AND CORNER BUMPERS



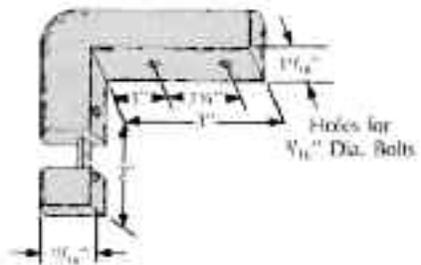
A-813 DOUGHNUT BUMPERS. Commonly installed on the ends of tubular handles to give needed protection in manipulation of equipment. Note steel insert. Attached to wood with wood screws or to metal with rivets, bolts or metal screws. Weight 5 oz. each.



A-2680 CORNER BUMPER. Made especially for use with A-1541 Strip Bumper, giving a uniform continuous effect all around the equipment. Weight 5 oz. each.



A-833 CORNER BUMPERS. Made to give adequate protection to all surfaces that may be contacted, such as doors, doorfacings, walls, furniture and other equipment. Easily attached by using self-tapping sheet metal screws. Weight 5 oz. each.



A-1678 CORNER BUMPERS. Made especially for use with A-567 Strip Bumper, giving a uniform continuous effect all around the equipment. Weight 5 oz. each.

TIRING

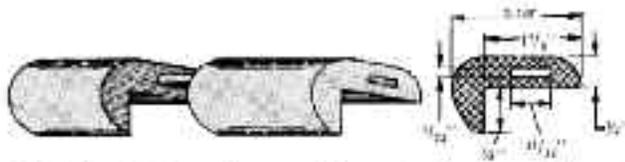


GREY 7/8" TIRING is compounded for use on wheelchairs and other similar wheels. Has very good wearing qualities and will withstand rough use. Tiring can be supplied in lengths up to 250 ft. Weight 5 oz./ft. Black also available.

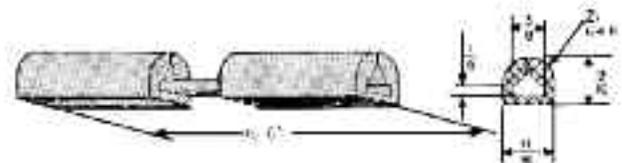


GREY 1-1/4" TIRING is compounded for use on wheelchairs and other similar wheels. Has very good wearing qualities and will withstand rough use. Tiring can be supplied in lengths up to 250 ft. Weight 8 oz./ft. Black also available.

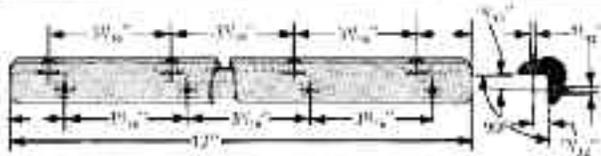
BUMPERS - (WITH OR WITHOUT INSERTS) - CAN BE PROVIDED IN SPECIAL LENGTHS



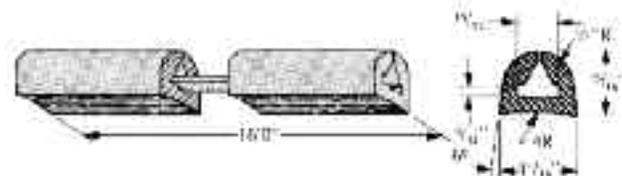
MODEL A-2041 provides excellent protection for desk and table edges, etc. Maximum lengths 16 ft. for easy installation. Metal insert optional. Wt. 14 oz./ft.



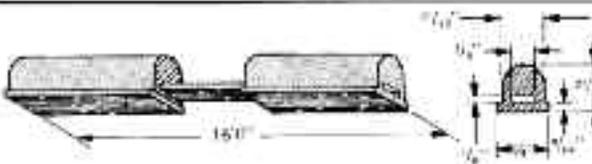
MODEL A-4552 is a flat-based rubber strip bumper, with split top for easier installation. Wt. 4 oz./ft. Metal insert optional.



MODEL A-4925 is a molded strip corner bumper 12" long, for application to any right angle shape. Easily installed with self lapping metal screws. Wt. 8 oz. ea.



MODEL A-2084 is a flat based rubber strip bumper designed for same use as A-567. With split top for easier installation. Wt. 9 oz./ft. Metal insert optional.



MODEL A-1541 is a very popular small-sized strip bumper that is adaptable to many applications. This model is easily applied to equipment. Wt. 4 oz./ft. Metal insert optional.



MODEL A-1023 is used with 1" Commercial channel iron, but is designed for lighter service, eliminating unnecessary weight. Will pay for itself many times over. Wt. 12 oz./ft. Metal Insert optional.



MODEL A-1019 made especially for 1-1/4" Commercial channel iron is used for heavier type equipment where strength is necessary for operation. Gives that extra needed protection. Wt. 12 oz./ft. Metal insert optional.



MODEL A-567 is a flat-based rubber strip designed for installation on either metal or wood surfaces. This model is easily applied and does not require a special channel. Wt. 9 oz./ft. Metal insert optional.

MOLD-ON REVOLVING BUMPERS HEAVY DUTY RUBBER BUMPERS

3" DIA.	4" DIA.	5" DIA.
3/8" Wide Face Weight: 6 oz. ea.	3/8" Wide Face Weight: 6 oz. ea.	1/2" Wide Face Weight: 11 oz. ea.
A-4488	A-6478	A-7568

DIA. INCHES	WEIGHT	MODEL NUMBER
4"	5 oz.	A-4940
5"	12 oz.	A-4541
7"	26 oz.	A-4567
7-1/2"	29 oz.	A-4820
8-1/2"	42 oz.	B-6467



REVOLVING BUMPERS are designed to fit on a caster stem and prevent the bed or other article of furniture on which they are used, from striking the wall. The bumper will strike the wall first and, if the bed is moved along the wall, the bumper will revolve, thus eliminating any chance of smearing the wall or causing an abrasure. Made from grey non-marking rubber.
When ordering Revolving Bumpers, specify either 7/16" or 5/8"

Designed to fit almost every type of portable equipment requiring heavy duty bumpers. These solid rubber bumpers with a heavy steel insert are made of grey (non-marking) rubber molded around the steel insert, making the entire unit virtually indestructible and long lasting. The machine steel hubs are made in the following standard stem sizes 7/16", 1/2", 3/16", 3/8", 3/4", 13/16", 7/8" and 1". Other sizes available on request.



BUMPERS - (WITH OR WITHOUT INSERTS) - CAN BE PROVIDED IN SPECIAL LENGTHS

CASTER PAD CONSTRUCTION FEATURES

Load Capacity 225-500 lbs.

- A faster, easier, more efficient and economical way to attach Top Plate Casters to trash containers and equipment (No welding or thru hole bolting required)
- Each Caster attaches in seconds
- Eliminates welding or bolting new replacements to bottom of container.
- Allows easy service replacement of casters in the field.

CASTER PAD ORDERING NUMBERS

Order Number	Caster
CP-02	02 Category Top Plate
CP-4-12	4-12 Category Top Plate
CP-4-16	4-16 Category Top Plate
CP-5-62	5-62 Category Top Plate

To Install Caster to Pad, Follow These 3 Easy Steps:



1. Snap caster into Fast-Lock Caster Pad



2. Insert Non-Slipping Pin in holes and turn into locked position

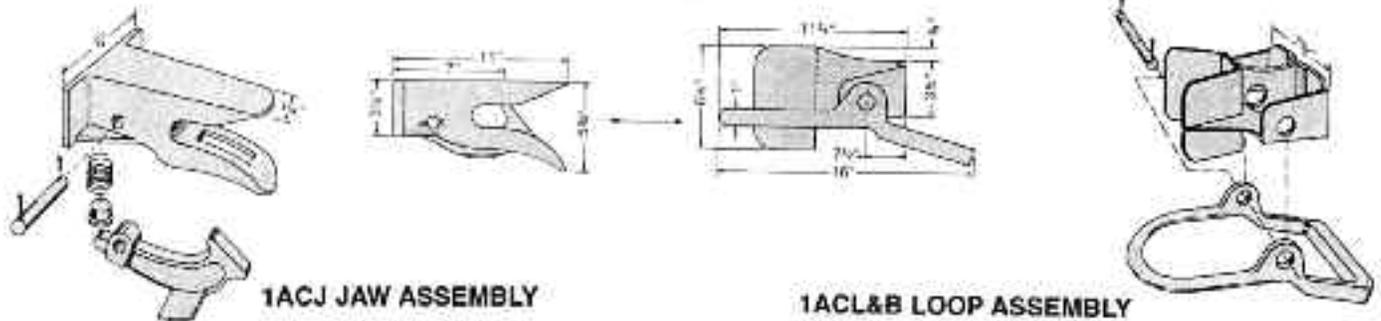


3. Attach Lock Washer and Nut to Pin and tighten for reinforcement.

Automatic couplers are almost universally seen on caster-steer trailers – interchangeable with most makes.

Made in two capacities: the heavy duty model for trailers of 1-1/4 ton to 10 ton capacity; has cast steel bail and jaw sections; the light duty model for up to 2,500 lb. trailers has a fabricated bail section and smaller jaw assembly. (Both are interchangeable with comparable competitive brands, but a light duty jaw will not accept a heavy duty bail.)

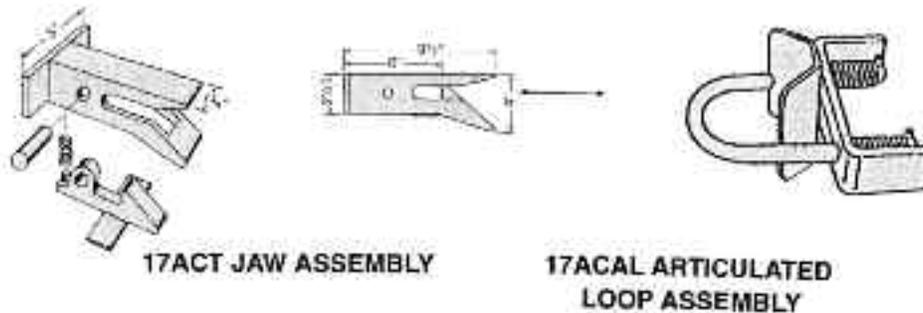
10 TON AUTOMATIC



1ACJ JAW ASSEMBLY

1ACL&B LOOP ASSEMBLY

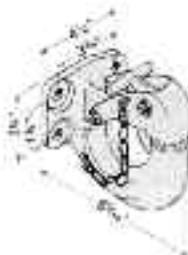
1-1/4 TON AUTOMATIC



17ACT JAW ASSEMBLY

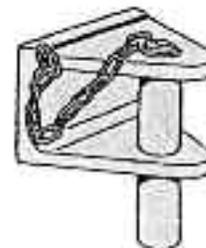
17ACAL ARTICULATED LOOP ASSEMBLY

10 TON MANUAL



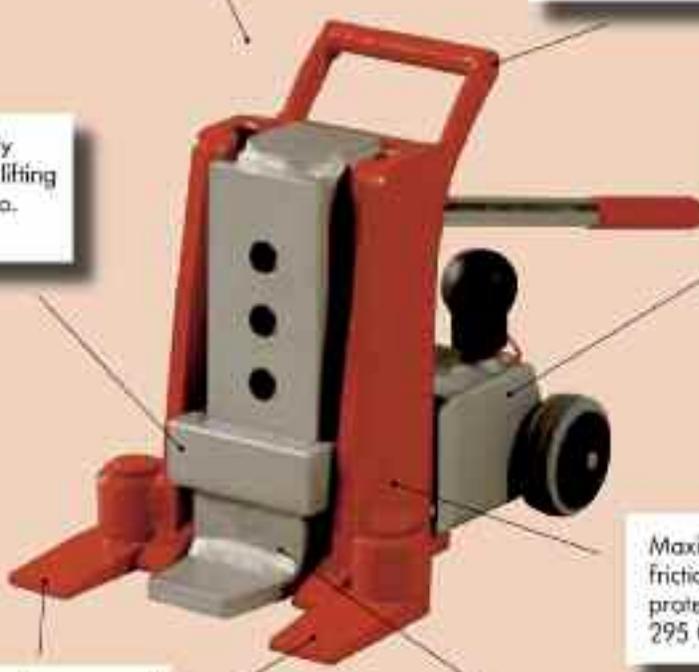
PH10 PINTLE HOOK

Also known as a 'military hitch' because of its use by the armed forces. Very popular on ground support vehicles.
Meets Military Spec MS51335.
10 Ton Capacity - Weight 11 lbs.



PC10 PIN & CLEVIS

Standard Model has q" dia pin. Perfect for towing rings up to 3". Other sizes available on request.
10 Ton Capacity - Weight 5 lbs.



Extreme weight reduction through improved construction

Removable handle on JH 5 G plus and JH 10 G plus

Work and lift safely with our patented lifting toe system (Pat.-No. 4413478)

Easy maintenance through single exchangeable pump unit. Safety pressure relief valve with dirt filter prevents overloading

Maximum output through reduced friction in the lifting track with our protected slide shoe design (No. G 295 04271.0)

Sturdy swivelling feet - for easy and safe positioning in every situation

Swivelling safety lifting toe for optimal adjustment to the load in a varying inclination up to $\pm 6^\circ$

Innovative
Light
Compact
Strong





JH 5 G plus



JH 10 G plus

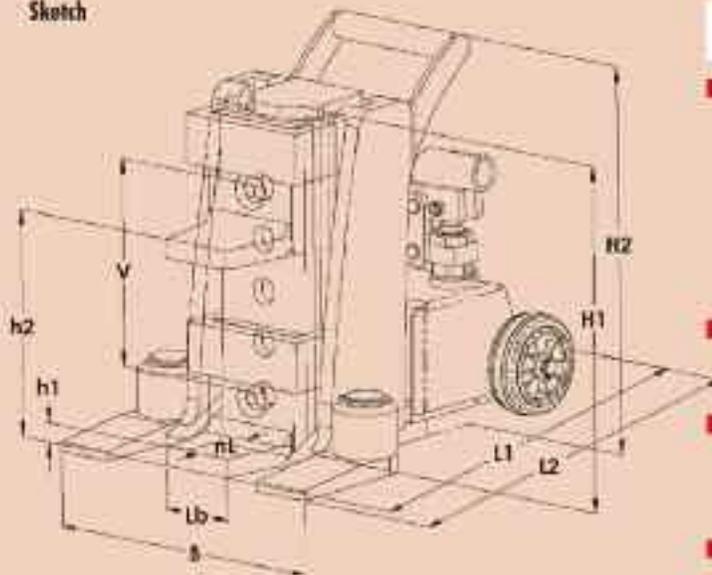


JH 15 G plus



JH 20 G plus

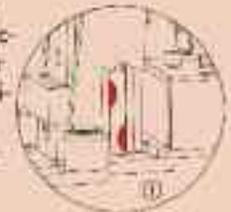
Sketch



Advantages in detail



- Reduced friction through slide shoes that are mobile in their seats. Under application a larger contact surface guarantees better force distribution. The resulting advantages are less friction, more power and reduced wear of the lifting track than with conventional jacks (see picture 1).
- Reduced maintenance costs through easy to change slide shoes and exchangeable pump unit.
- Extremely lightweight with high performance through the use of high-quality material and innovative design changes.
- Continual adjustment to the load through swiveling safety toe. Secure stability in every situation even in lifted position (see picture 2).

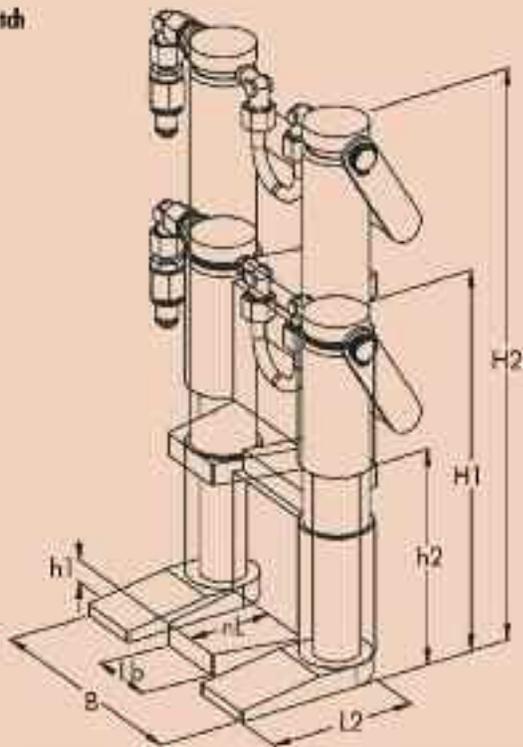


Type	Sketch		JH 5 G plus	JH 10 G plus	JH 15 G plus	JH 20 G plus
Fall load capacity**		kg / lbs	5 500 / 12 000	10 000 / 22 000	15 000 / 33 000	20 000 / 44 000
Stroke		mm / in	140 / 5.5"	150 / 5.9"	175 / 6.9"	190 / 7.5"
Minimum lift toe height	h1	mm / in	12 / 0.5"	15 / 0.6"	20 / 0.8"	20 / 0.8"
Maximum lift toe height	h2	mm / in	157 / 6.2"	180 / 7.1"	205 / 8.1"	225 / 8.9"
Lift toe adjustment	V	mm / in	6 x 29 / 1.1"	5 x 41 / 1.6"	5 x 46 / 1.8"	5 x 51 / 2"
Top plate height	H1	mm / in	245 / 9.6"	275 / 10.8"	310 / 12.2"	340 / 13.4"
Toe width bent	Lb	mm / in	50 / 2"	60 / 2.4"	70 / 2.8"	80 / 3.1"
Toe depth	nL	mm / in	50 / 2.0"	54 / 2.2"	70 / 2.8"	66 / 2.6"
Length feet in front	L2	mm / in	326 / 12.8"	346 / 13.6"	401 / 15.8"	425 / 16.7"
Length feet on side	L1	mm / in	311 / 12.2"	330 / 13"	401 / 15.8"	405 / 15.9"
Width	B	mm / in	233 / 9.2"	247 / 9.7"	322 / 12.7"	322 / 12.7"
Height	H2	mm / in	280 / 11"	310 / 12.2"	310 / 12.2"	340 / 13.4"
Cylinder volume		cm ³ / in ³	0.18 / 0.011"	0.3 / 0.033"	0.5 / 0.032"	0.73 / 0.046"
Weight		kg / lbs	23 / 50.7	29 / 63.9	48 / 105.8	60 / 132.3
Order number			01 050 052-G	01 100 102-G	01 150 102-G	01 200 102-G

**not pictured **lead on top plate



Sketch



Advantages in detail

- High capacity at low weight.
- Swivelling feet for perfect positioning.
- Even balancing of load and ideal weight distribution through integrated twin cylinder system.
- Effortless transport and return to original position of jack through combined push back / transport unit (included JSET 30/50).



Application with „Nerus“ oil control pump

Please refer to page 9 for adjustable pumps and hydraulic hoses, for electrical pumps to page 7

Type	Sketch		JH 13 P**	JH 30 P**	JH 50 P**
Full load capacity*		kg / lbs	13000 / 28000	30000 / 66000	50000 / 110000
Stroke		mm / in	160 / 6.2"	200 / 7.8"	250 / 9.8"
Minimum lift height (deep toe)	h1	mm / in	18 / 0.7"	25 / 1.0"	35 / 1.4"
Minimum lift height (high toe)	h2	mm / in	125 / 5.0"	185 / 7.3"	275 / 10.8"
Top plate height	H1	mm / in	303 / 11.9"	435 / 17.1"	542 / 21.2"
Maximum top plate height	H2	mm / in	463 / 18.2"	655 / 25.8"	792 / 31.6"
Toe width front	Lb	mm / in	55 / 2.1"	95 / 3.7"	100 / 3.9"
Useable toe depth	nL	mm / in	50 / 2.0"	70 / 2.8"	85 / 3.3"
Length toe supported	L2	mm / in	206 / 8.1"	290 / 11"	354 / 14.0"
Width	B	mm / in	210 / 8.3"	305 / 11.9"	380 / 14.9"
Cylinder volume		cm ³ / in ³	0,4 / 24.41"	1,13 / 68.96"	2,31 / 153.29"
Weight		kg / lbs	15 / 33	51 / 112.4	105 / 231.5
Order number			01 020 130-P	01 020 300-P	01 020 500-P

*On top plate **Eur. patent-no. 1325882



JSET 13/2



JSET 30/2



JSET 50/3



Application with Triamus JH 30 P and electrical pump JPE 30

Advantages in detail



- See also page 6 for additional advantages.
- Job flexibility through separated lifting and pumping unit.
- Effortless transport and return to original position of jack through combined push back / transport unit (included JSET 30/50).
- Complete jack set includes all necessary hoses. Unpack and ready for use.

Electrical pumps without hoses

Type		JPE 30 NVR	JPE 55 NVR
Oil volume	L	7,6 / 4,8	9,5 / 8,4
Working pressure	bar / psi	520 / 7540 psi	520 / 7540 psi
Connections	pcs	2	2
Flow rate high pressure	l / min.	3,9 - 7 bar	7,1 - 50 bar
Flow rate high pressure	l / min.	0,33 - 520 bar	0,95 - 520 bar
Motor facts		230 V, 50 Hz, 5 A	230 V, 50 Hz, 13 A
Dimensions L x W x H	mm / in	530 x 300 x 560 / 20.87 x 11.81 x 22.05"	295 x 240 x 520 / 11.61 x 9.45 x 20.47"
Length of hoses	mm / in	variable	variable
Weight	kg / lbs	30 / 66	30 / 66
Usable jacks		any hydraulic jacks	any hydraulic jacks
Order number		03 300 200-E	03 550 200-E

Hydraulic jacks with pump and hoses in one set

Type	JSET 13/2	JSET 30/2	JSET 50/3
Jack	1 x JH 13 P	1 x JH 30 P	1 x JH 50 P
Hose	1 x JS 2	2 x JS 2	2 x JS 3
Pump	1 x JP 30	1 x JPE 30 NVR	1 x JPE 55 NVR
Push back / Transport unit	-	1 x JRS 1	1 x JRS 1
Order number	20 413 200-P	20 430 200-P	20 450 200-P

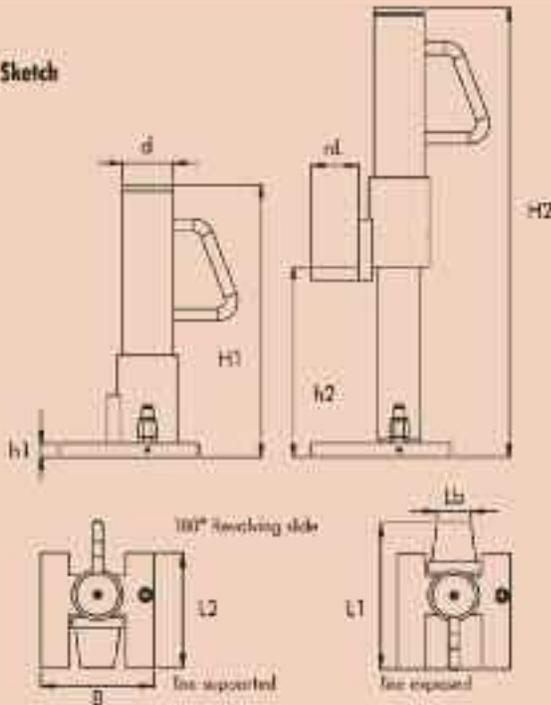


JSET 10/2



JSET 20/3

Sketch



Advantages in detail



- 180° revolving slide – for use with or without lifting feet.
- High capacity at low weight.
- Separated pump unit, flexible use even in confined spaces, also in horizontal position.

▶ Please refer to page 9 for adjustable manual pumps and hydraulic hoses, for electrical pumps to page 10.

Hydraulic jacks with pump and hoses in one set

Set type	JSET 10/2	JSET 20/3
Jack	2 x JHS 5	2 x JHS 10
Hose	2 x JS 2	2 x JS 3
Pump	JP 6	JP 26
Order number	20 410 200-5	20 420 300-5

Single hydraulic jacks JHS

Type	Sketch		JHS 5**	JHS 10**
Full load capacity		kg / lbs	5 000 / 11 000	10 000 / 22 000
Minimum lift toe height	h 1	mm / in	15 / 0.5"	20 / 0.8"
Maximum lift toe height	h 2	mm / in	245 / 9.6"	300 / 11.8"
Top plate height	H 1	mm / in	350 / 13.8"	400 / 15.8"
Maximum top plate height	H 2	mm / in	580 / 22.8"	600 / 23.6"
Toe width front	L b	mm / in	45 / 1.8"	60 / 2.4"
Usable toe depth	n L	mm / in	40 / 1.6"	50 / 2"
Diameter top plate	d	mm / in	55 / 2.2"	75 / 3"
Length toe supported	L 2	mm / in	170 / 6.7"	205 / 8.1"
Length toe extended	L 1	mm / in	220 / 8.7"	250 / 9.8"
Width	B	mm / in	145 / 5.7"	200 / 7.9"
Cylinder volume		L / in ³	0.22 / 13.82"	0.55 / 33.50"
Weight		kg / lbs	9.9 / 21.8	17.7 / 39
Order number			01 020 050-0	01 020 100-0

**Registered design number: G 93 12 940.8



JP 16



JP 26

Uses and applications for hand pumps

Jacks	JP 16	JP 26
JH 5 G plus	2x	2x
JH 10 G plus	2x	2x
JH 15 G plus	1x	2x
JH 20 G plus	1x	2x
JH 13 P	2x	2x
JH 30 P	-	-
JH 50 P	-	-
JHS 5	2x	2x
JHS 10	1x	2x

Recommended for use with two hydraulic jacks

Advantages in detail

- Sturdy construction.
- Pressure release valve with dirt filter.
- Optimally compatible with our hydraulic jacks.
- Two-stage pump unit.

▶ See pages 4-6 and 8 for compatible hydraulic jacks.

Hydraulic hand pumps without hoses

Type		JP 16	JP 26
Oil volume complete/usable	L	1,1/1,0	2,1/2,0
Working pressure	bar / psi	520 / 7540 psi	520 / 7540 psi
Connections	pcs	2	2
Dimensions L x W x H	mm / in	700 x 230** x 150 / 30.71 x 9.05 x 5.91"	840 x 230** x 170 / 33.07 x 9.05 x 6.69"
length of hoses	mm / in	variable*	variable*
Weight	kg / lbs	7 / 15	11 / 24
Order number		02 160 000-P	02 260 000-P

*available up to 15 000 mm **Wide foot plate

Suitable high pressure hydraulic hoses for all of our manual and electric pumps



Hose type		JS 2	JS 3	JS 4	JS 6	JS 15
Only live couplings	no.	2	2	2	2	2
Length	L=mm / in	2 000 / 78.7"	3 000 / 118.1"	4 000 / 157.5"	6 000 / 236.2"	variable*
Order number		15 200 002-0	15 300 002-0	15 400 002-0	15 600 002-0	15.....00-0**

*available up to 15 000 mm

.....00-0 L in mm



JPA 5



JPE 30 NVR



JPE 30/4 NVR



Electric pump JPE 30-NVR with 2 jacks in operation

Advantages in detail



- Flexible connections with drip free rapid closure valves.
- One oil circuit capable of supplying two hydraulic jacks.
- Easy handling.
- Maximum safety during operation through cable remote control.
- Sturdy two stage electric pumps available in different versions.
- Easily controllable: JPE 30-NVR now with precision lowering regulator.

NEW

Recommendation: When lifting one side of a load with 2 jacks use external manual pump type JP16/26 (see page 9), electrical pump type JPE 30 NVR or battery pump JPA 5.

▶ Please see pages 4-6 and 8 for suitable jacks

Electrical pumps without hoses

Type		JPA 5	JPE 30 NVR	JPE 30/4 NVR
Oil volume	L	1.0 / 1.0	7.5 / 4.8	7.6 / 4.8
Working pressure	bar	520	520	520
Connections	pcs	1*	2	4
Flow rate high pressure	l / min	1.9 - 30 bar	3.9 - 7 bar	3.9 - 7 bar
Flow rate high pressure	l / min	0.1 - 520 bar	0.33 - 520 bar	0.33 - 520 bar
Motor facts		12 V DC	230 V, 50 Hz	230 V, 50 Hz
Dimensions L x W x H	mm / in	330 x 117 x 203 / 13 x 7.8 x 8"	530 x 300 x 560 / 20.8 x 11.8 x 22"	530 x 300 x 610 / 20.8 x 11.8 x 24"
Length of hoses	mm / in	variable	variable	variable
Weight	kg / lbs	9.1 / 20	30 / 66	35 / 77
Usable jacks		2 x JHS 5 - JH 5 G plus	any hydraulic jacks	any hydraulic jacks
Order number		03 102 001-E	03 300 200-E	03 300 004-E

*2 connections as option available

JPA 5

Standard model

Equipped with 1 hydraulic connection, battery and battery charger. Other versions available on request.

Additional information can be found in our "JUNG Special" catalogue.

JPE 30 NVR

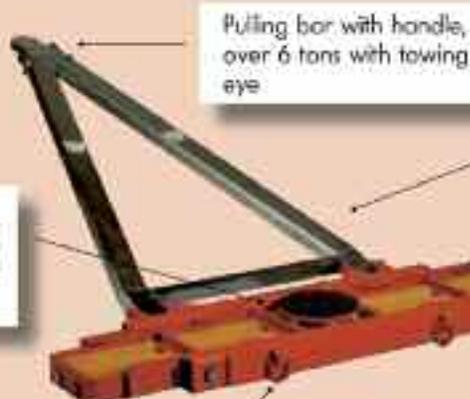
Standard model

Equipped with 2 hydraulic connection nipples, 1 manometer and precision lowering control.

JPE 30/4 NVR

Extended version

Equipped with connection block JNB 2-E, with lowering speed control valve and 4 x JNB 1-E. Other versions available on request.



Pulling bar with handle, over 6 tons with towing eye

Optimal capacity and weight ratio through innovative construction

Steerable trolley equipped with ball bearing supported turntable

High quality castors with precision ball bearings and extremely durable coating. On K- and G-series with aluminium core for reduced weight.

Steel clasps on steerable trolleys 12 tons and up, and on trolleys 24 tons and up for easy loading and unloading from/into vehicles

Connecting bars guarantee alignment of rollers even in curves, models 6 tons and up with joint.



J
JUNG
High quality products

L — Steerable trolley
B — Bending construction
3 — Capacity in [tons]
F — Adjustable trolley
TL — Tandem transport trolley
K — Revolving transport trolley

▶ Please refer to page 23 for additional roller information

K — For load weight up to 24 metric tons, Height: 110 mm/4.3 in (page 12-15)
K Professional — For load weight up to 28 metric tons, Height: 110 mm/4.3 in (page 16-18)
S — For load weight up to 48 metric tons, Height: 125 mm/4.9 in (page 19)
G — For load weight up to 60 metric tons, Height: 180 mm/7.1 in (page 20-21)
H — For load weight up to 120 metric tons, Height: 230 mm/9.1 in (page 22)



JKB 1 Available with:

JUWAamid-coated



for plain and clean floors
Order number 95 050 079-E

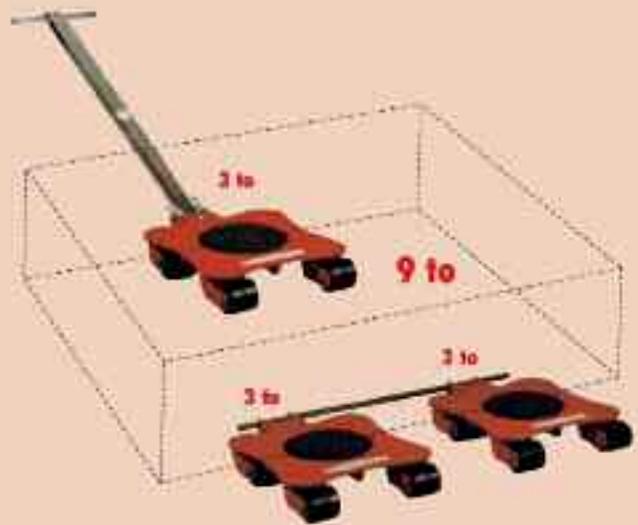
JKB 3/4 Available with:

JUWReid-coated

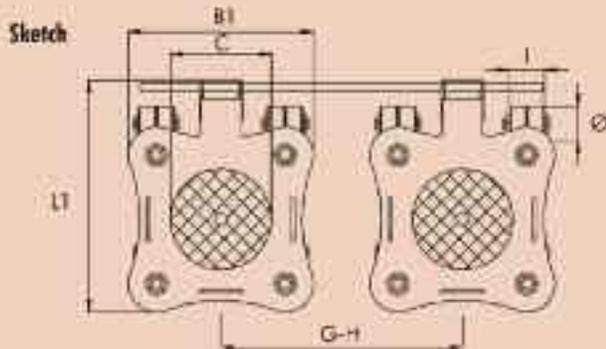


for plain and clean floors
Order number 95 050 083-F

Example for load distribution on 9 tons JKB 3 Set:



▶ Please refer to page 23 for additional roller information



Load weight up to		1 metric ton	4 metric tons	3 metric tons	9 metric tons	
Type	Sketch	JKB 1 K	JKB 1 Set	JKB 3 K	JKB 3 Set	
Load capacity	kg / lbs	1 000 / 2 200	4 000 / 8 800	3 000 / 6 600	9 000 / 19 800	
Number of casters	pcs	3	4 x 3	8	3 x 8	
Caster dimensions	Ø x l	mm / in	75 x 60 / 3 x 2.4"	75 x 60 / 3 x 2.4"	85 x 40 x 25 / 3.3 x 1.6 x 1.0"	85 x 40 x 25 / 3.3 x 1.6 x 1.0"
Fitting height	mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"	110 / 4.3"	
Supporting surface of turntable	Ø C	mm / in	215 / 8.5"	215 / 8.5"	250 / 9.8"	250 / 9.8"
Cassette dimensions	L1 x B1	mm / in	390 x 340 / 15.4 x 13.4"	390 x 340 / 15.4 x 13.4"	575 x 460 / 22.6 x 18.1"	575 x 460 / 22.6 x 18.1"
Connecting rod	Length	mm / in	-	1 000 / 39.4"	-	1 200 / 47.2"
Cassettes adjustable from - to	G - H	mm / in	390 - 900 / 15.4 - 35.4"	390 - 900 / 15.4 - 35.4"	460 - 1 100 / 18.11 - 43.31"	460 - 1 100 / 18.11 - 43.31"
Handlebar	Length	mm / in	990 / 39"	2x 990 / 39"	1 120 / 44.1"	1 120 / 44.1"
Weight JUWAmid	kg / lbs	10 / 22	51 / 112	32 / 71	167 / 236	
Order-no. with JUWAmid		14 060 082-P	14 060 082-S	14 030 085-P	14 030 085-S	



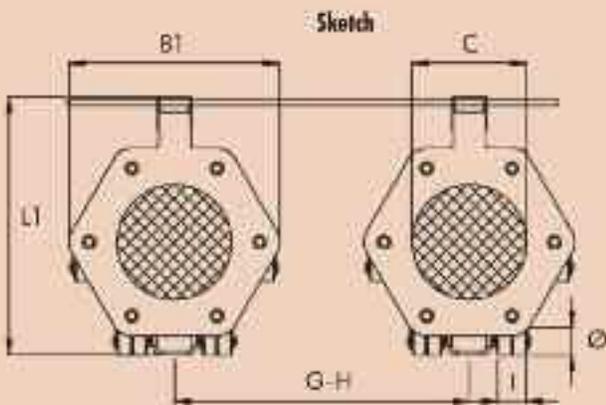
JKB 4 Set



JKB 4 Set in use

Advantages in detail

- Connecting bars on JKB 1 can be fixed without tools by damping down on handle.
- High load capacity at low weight.
- Bearing-supported swivelling rollers allow 360° maneuverability.
- Same loading height as K-Series transport trolleys for interchangeability.
- Set combination finds multi-purpose use (JKB 1- Set includes 4 cassettes, 2 handlebars and 1 connection rod, JKB 3 Set and JKB 4 Set include 3 cassettes, 1 handlebar and one connection rod).
- Unrivalled: The double roller system on the JKB 3 and JKB 4 reduces rolling and turning resistance to a minimum.



Load weight up to			4 metric tons	12 metric tons
Type	Sketch		JKB 4 K	JKB 4 Set
Load capacity		kg / lbs	4 000 / 8 800	12 000 / 26 400
Number of casters		pcs	12	3 x 12
Caster dimensions	Ø x l	mm / in	85 x 40 x 25 / 3.3 x 1.6 x 1.0"	85 x 40 x 25 / 3.3 x 1.6 x 1.0"
Fitting height		mm / in	110 / 4.3"	110 / 4.3"
Supporting surface of turntable	Ø C	mm / in	250 / 9.8"	250 / 9.8"
Cassette dimensions	L1 x B1	mm / in	690 x 640 / 27.16 x 25.19"	690 x 640 / 27.16 x 25.19"
Connecting rod	Length	mm / in	-	2 200 / 78.74"
Cassettes adjustable from - to	G - H	mm / in	640 - 1 900 / 25.20 - 74.80"	640 - 1 900 / 25.20 - 74.80"
Handlebar	Length	mm / in	1 120 / 44.1"	1 120 / 44.1"
Weight JUWamid		kg / lbs	31 / 112	164 / 362
Order number with JUWamid			14 040 085-P	14 040 085-S



Available with:
JUWAlthan® plus coated aluminium roller



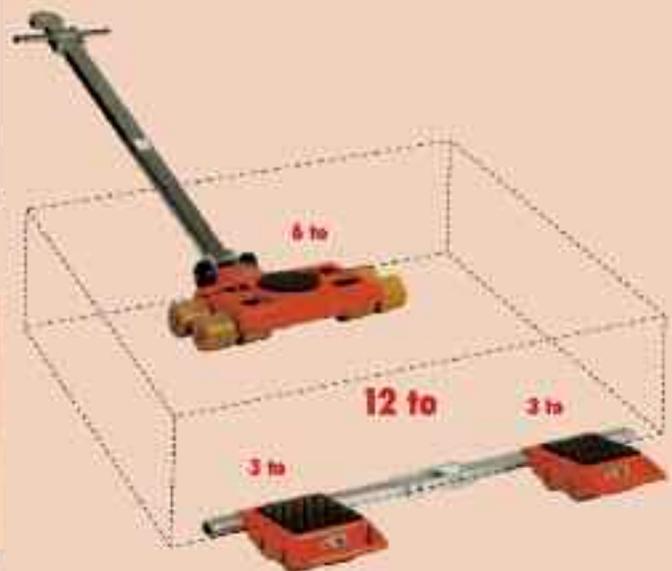
for any floors
Order number 95 050 057-V

Available with:
Steel roller



for insensitive floors
Order number 95 050 043-S

Example for load distribution on 12 tons trolley combination:



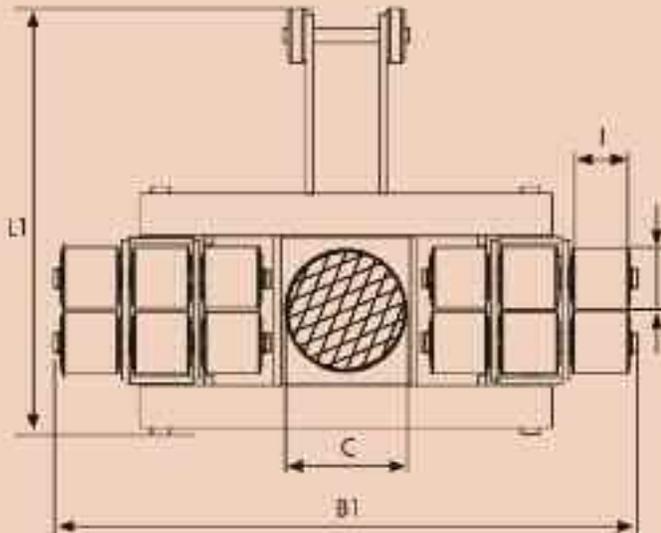
Castors with ball bearings guarantee easy movement

Type	Sketch	6 metric tons		12 metric tons	
		JLB 3 K	JFB 3 K	JLB 6 K	JFB 6 K
Load capacity	kg / lbs	3000 / 6600	3000 / 6600	6000 / 13200	6000 / 13200
Number of castors	pcs	4	4	8	8
Castors dimensions	Ø x l mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height	mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"	110 / 4.3"
Supporting surface per cassette	E x f mm / in		120 x 80 / 4.7 x 3.1"		175 x 170 / 6.9 x 6.7"
Cassette dimensions	L2 x B2 mm / in		190 x 125 / 7.5 x 4.9"		325 x 290 / 12.8 x 7.9"
Connecting rod with joint	Length mm / in		1000** / 39.4"		1220 / 48.4"
Concrete adjustable base - to	Ø - H mm / in		175 - 880 / 4.9 - 34.6"		400 - 1030 / 15.7 - 40.6"
Supporting surface of tamable	Ø C mm / in		150 / 5.9"		150 / 5.9"
Dimensions	L1 x B1 mm / in		225 x 280 / 8.9 x 11"		445 x 590 / 17.5 x 23.2"
Handlebar with pulling eye	Length mm / in		940** / 37"		1120 / 44.1"
Weight JUWAlthan plus	kg / lbs	12 / 26	11 / 24	33 / 72	25 / 55
Order number with JUWAlthan plus		07 031 085-V	08 031 085-V	07 061 085-V	08 061 085-V

* JLB 3 K clearing bar without pulling eye - ** JFB 3 K without joint

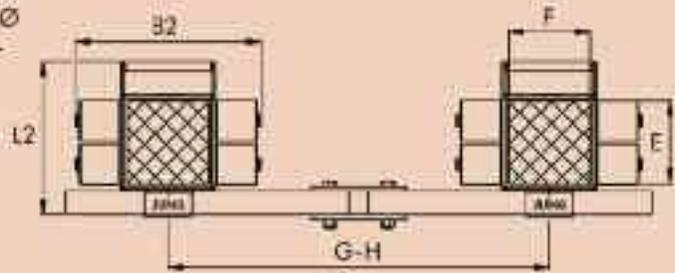


Sketch



Advantages in detail

- Equipped with highest quality rollers as standard.
- Reduced weight through advanced construction of load cassettes.
- All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar (as shown in picture). The adjustable-width transport trolley consists of two transport units and connecting rod.



Load weight up to

18 metric tons

24 metric tons

Type	Sketch	JL 9 K	JFB 9 K	JL 12 K	JFB 12 K
Load capacity	kg / lbs	9 000 / 19 800	9 000 / 19 800	12 000 / 26 400	12 000 / 26 400
Number of casters	pcs	12	12	16	16
Caster dimensions	Ø x l mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height	mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"	110 / 4.3"
Supporting surface per cassette	E x F mm / in		175 x 170 / 6.9 x 6.7		175 x 170 / 6.9 x 6.7
Cassette dimensions	L2 x B2 mm / in		325 x 390 / 12.8 x 15.4		325 x 390 / 12.8 x 15.4
Connecting rod with joint	Length mm / in		1 230 / 48.4"		1 230 / 48.4"
Cassettes adjustable from - to	G - H mm / in		400 - 1 030 / 15.7 - 40.6"		400 - 1 030 / 15.7 - 40.6"
Supporting surface of turntable	Ø C mm / in		170 / 6.7"		170 / 6.7"
Dimensions	L1 x B1 mm / in	580 x 820 / 22.8 x 32.3"		580 x 800 / 22.8 x 31.5"	
Handlebar with pulling eye	Length mm / in	1 320 / 44.1"		1 320 / 44.1"	
Weight JUWathon plus	kg / lbs	34 / 119	32 / 70	64 / 141	35 / 77
Order number with JUWathon plus		07 090 085-V	08 091 085-V	07 120 085-V	08 121 085-V



Available with:
Professional roller



NEW

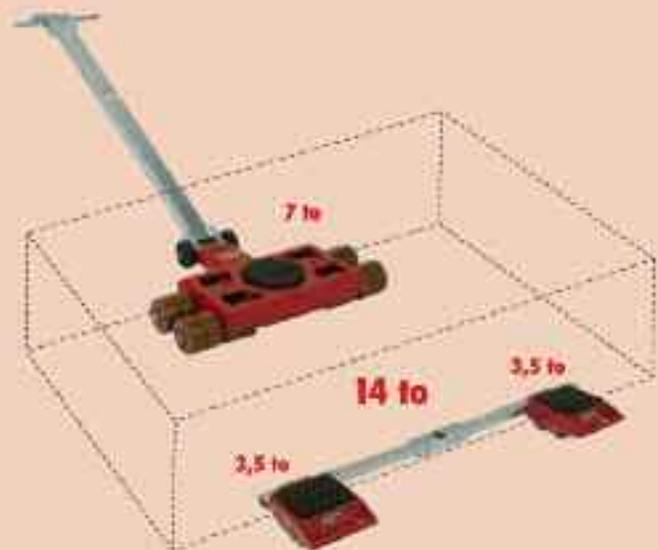
for any floors
Order number 95 050 009-D

▶ Please refer to page 23 for additional roller information



Castors with coil springs guarantee easy motion

Example for load distribution on 14 tons trolley combination:



Load weight up to

14 metric tons

20 metric tons

Type	Sketch		JLB 7 K	JFB 7 K	JL 10 K	JFB 10 K
Load capacity		kg/lbs	7 000 / 15 400	7 000 / 15 400	10 000 / 22 000	10 000 / 22 000
Number of castors		pcs	8	8	12	12
Castors dimensions	Ø x l	mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height		mm / in	110 / 4.3"	110 / 4.3"	130 / 4.3"	110 / 4.3"
Supporting surface per cassette	E x F	mm / in		175 x 170 / 6.9 x 6.7"		175 x 170 / 6.9 x 6.7"
Cassette dimensions	L x B x H	mm / in		325 x 200 / 12.8 x 7.9"		325 x 390 / 12.8 x 15.4"
Connecting rod with joint	Length	mm / in		1 230 / 48.4"		1 230 / 48.4"
Cassettes adjustable from - to	G - H	mm / in		400 - 1 030 / 15.7 - 40.6"		400 - 1 030 / 15.7 - 40.6"
Supporting surface of frame	Ø x C	mm / in	150 / 5.9"		170 / 6.7"	
Dimensions	L x B x I	mm / in	445 x 390 / 17.5 x 23.2"		530 x 620 / 20.9 x 37.2"	
Handlebar with pulling eye	Length	mm / in	1 120 / 44.1"		1 120 / 44.1"	
Weight professional		kg / lbs	36 / 79	27 / 59	56 / 123	35 / 77
Order-no. with professional			07 071 085-D	08 071 085-D	07 100 085-D	08 101 085-D

*JLB 3 K steering bar without pulling eye – **JFB 3 K without joint



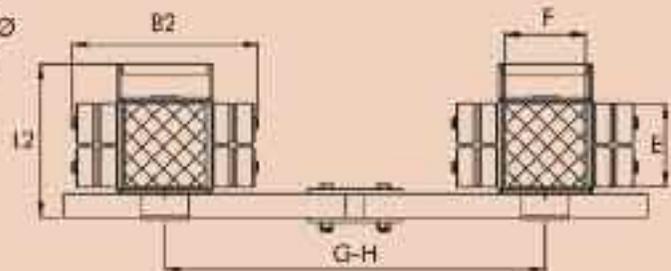
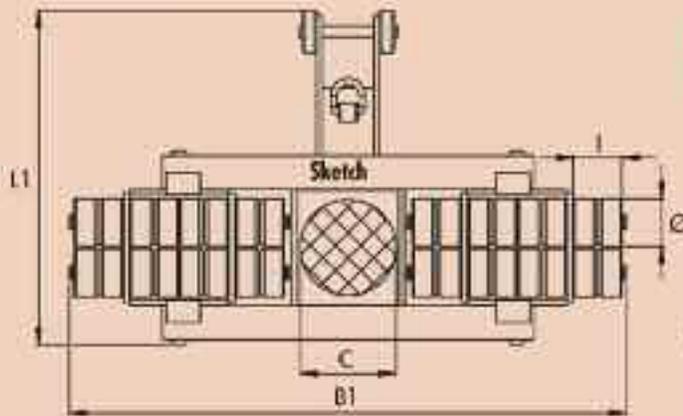
JL 14 K



JFB 14 K

Advantages in detail

- The double roller design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the rollers on the rear axis to following in a truer course.
- Higher capacity at same dimension as K-series trolleys.
- All transport trolleys are ready for use: Steerable transport trolley includes ball bearing supported turntable and a handlebar, the adjustable-width transport trolley consists of two load cassettes and connecting rod.



Load weight up to

28 to

Type	Sketch		JL 14 K	JFB 14 K
Load capacity		kg / lbs	14 000 / 30 800	11 000 / 24 000
Number of castors		pcs	6	6
Caster dimensions	Ø x l	mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height		mm / in	170 / 6.7"	170 / 6.7"
Supporting surface per cassette	E x F	mm / in		175 x 170 / 6.9 x 6.7
Cassette dimensions	L2 x B2	mm / in		325 x 390 / 12.8 x 15.4
Connecting rod with joint	Length	mm / in		1 230 / 48.4"
Cassettes adjustable from - to	G - H	mm / in		400 - 1 030 / 15.7 - 40.5"
Supporting surface of turntable	Ø C	mm / in	170 / 6.7"	
Dimensions	L1 x B1	mm / in	580 x 1000 / 22.8 x 39.3"	
Handlebar with pulling eye	Length	mm / in	1 100 / 43.1"	
Weight professional		kg / lbs	64 / 141	35 / 77
Order-no. with professional			07 140 085-D	08 141 085-D



JTLB 6 K



JTLB 12 K

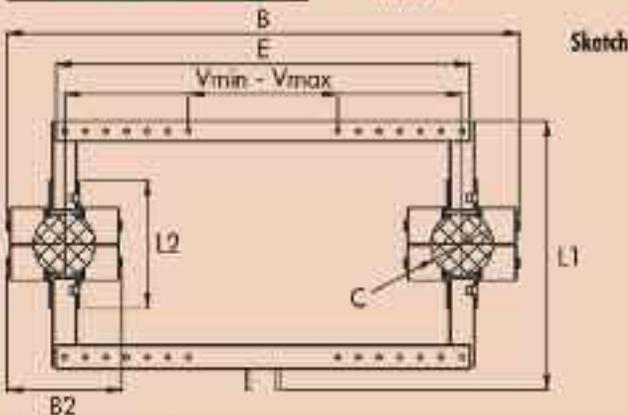
Available with:
Professional caster



NEW

for any floors
Order number: 95 050 085-0

▶ Please refer to page 23 for additional roller information



Advantages in detail

- The double roller design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the rollers on the rear axis to following in a truer course.
- Tandem transport trolley for loads with no leading or trailing edge centre support.
- Ready for use: 2 interconnected steerable trolleys with 2 handlebars and two tandem connecting rods.
- Multi-purpose use: Also useable as two single trolleys, each with half of the combined load capacity. No additional accessories needed.

For short radius curves



Load weight up to

6 metric tons

12 metric tons

Type	Sketch		JTLB 6 K	JTLB 12 K
Load capacity		kg/lbs	6000/13200	12000/26400
Number of casters		pcs	8	16
Caster dimensions	Ø x l	mm/in	85 x 85/3.3 x 3.3"	85 x 85/3.3 x 3.3"
Fitting height		mm/in	110/4.3"	110/4.3"
Cassette dimensions	L2 x B2	mm/in	330 x 280/12.2 x 11"	220 x 590/8.6 x 23.2"
Supporting surface per cassette	Ø C	mm/in	170/6.7"	170/6.7"
Connecting rod	E	mm/in	1000/39.4"	1400/55.1"
Adjustable from - to Vmin - Vmax		mm/in	340-960**/14.2-37.8**	560-1340**/22-32.7**
Adjustable			7x	4x
Total length/width	L1 x B1	mm/in	650 x 1240/25.5 x 48.8"	1000 x 1930/39.3 x 76"
Handlebar with pulling eye	Length	mm/in	990**/39**	1320/44.1"
Weight professional		kg/lbs	37/82	104/229
Order-no. with professional			12 061 085-0	12 121 085-0

*other lengths on request **without pulling eye



Available with:
JUNWATHAN-coated steel castors



for any floors
Order number 95 030 023-V

Available with:
Steel castors

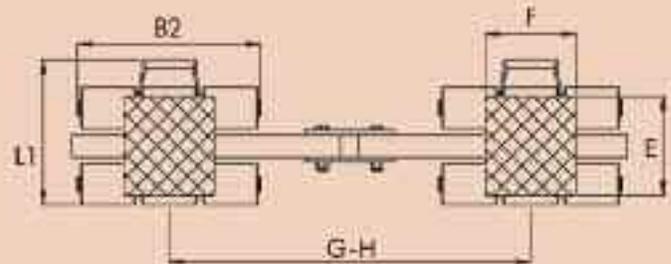
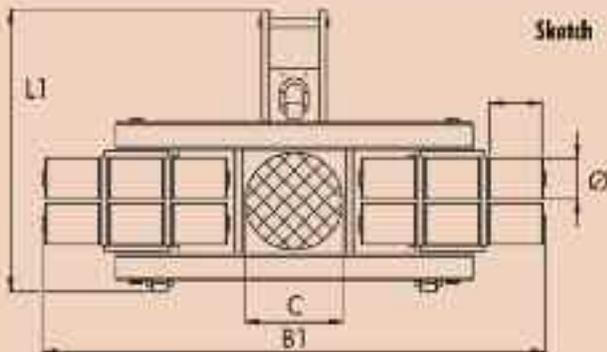


for insensitive floors
Order number 95 030 026-S

Advantages in detail

- Pivoting roller cassettes within the frame assure even pressure distribution across all rollers and across the floor. No need for complex and expensive hydraulic compensation system.
- Low height at only 125 mm/4.9" with high capacity.

▶ For additional wheel information please refer to page 11



Load weight up to	Type	Sketch	36 metric tons		48 metric tons	
			JL 18 S	JF 18 S	JL 24 S	JF 24 S
Load capacity	kg / lbs		18 000 / 39 600	18 000 / 39 600	24 000 / 52 800	24 000 / 52 800
Number of castors	pcs		12	12	16	16
Caster dimensions	Ø x l	mm / in	90 x 120 / 3.5 x 4.7"	90 x 120 / 3.5 x 4.7"	90 x 120 / 3.5 x 4.7"	90 x 120 / 3.5 x 4.7"
Fitting height		mm / in	125 / 4.9"	125 / 4.9"	125 / 4.9"	125 / 4.9"
Supporting surface per cassette	E x F	mm / in		220 x 290 / 8.6 x 7.8"		260 x 260 / 10.2 x 10.2"
Cassette dimensions	L2 x B2	mm / in		250 x 410 / 10.2 x 16.1"		490 x 620 / 19.3 x 24.4"
Connecting rod with joint	Length	mm / in		1 230 / 48.4"		2 x 1 230 / 48.4"
Cassettes adjustable from - to	G - H	mm / in		420 - 1 100 / 16.5 x 43.3"		620 - 1 280 / 24.4 x 50.4"
Supporting surface of turntable	Ø C	mm / in		715 / 28.1"		715 / 28.1"
Dimensions	L1 x B1	mm / in	600 x 1 120 / 23.6 x 44.1"		630 x 1 300 / 24 x 59"	
Handbar with pulling eye		mm / in	1 230 / 48.4"		1 590 / 62.6"	
Weight JUNWATHAN/Steel	kg - lbs		110 / 118 - 242 / 260	62 / 70 - 136 / 154	157 / 176 - 345.4 / 387.2	139 / 150 - 305.8 / 330
Order-no. with JUNWATHAN coated castors			05 180 090-V	06 180 090-V	05 240 090-V	06 240 090-V
Order-no. with steel castors			05 180 090-S	06 180 090-S	05 240 090-S	06 240 090-S



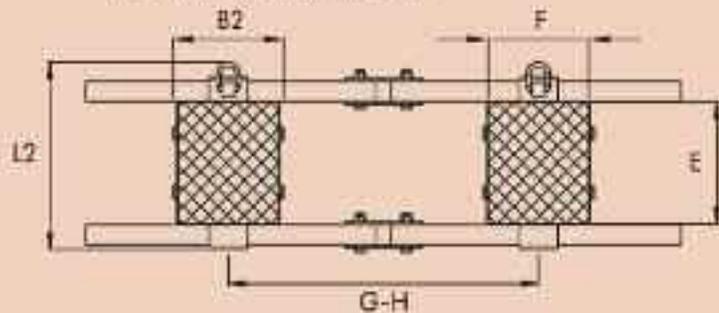
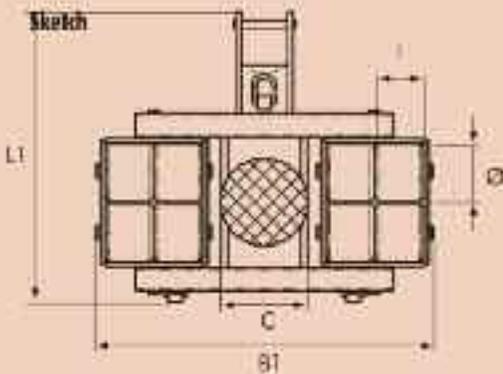
Available with:
 JUVÄthen N plus-coated
 aluminium casters

for any floors
 Order number: 95 050 048-V

Please refer to page 23 for additional roller information.

Advantages in detail

- Pivoting roller cassettes within the frame assure even pressure distribution across all rollers and across the floor. No need for complex or expensive hydraulic compensation system.
- All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar (as shown in picture). The adjustable-width transport trolley consists of two transport units and connecting rod.



Load weight up to		30 metric tons		45 metric tons	
Type	Sketch	JL 15 G	JF 15 G	JL 22 G	JF 22 G
Load capacity	kg./lbs	15 000/33 000	15 000/33 000	22 500/49 500	22 500/49 500
Number of casters	pcs	8	8	12	12
Caster dimensions	Ø x l	140 x 120/5.5 x 4.7"	140 x 120/5.5 x 4.7"	140 x 120/5.5 x 4.7"	140 x 120/5.5 x 4.7"
Fitting height	mm./in	380/71"	180/71"	180/71"	180/71"
Supporting surface per cassette	E x F		310 x 260/12.2 x 10.2"	310 x 260/12.2 x 10.2"	
Cassette dimensions	L2 x B2		490 x 290/19.3 x 11.4"	510 x 420/20 x 16.5"	
Connecting rod with joint	Length		2 x 1 540/60.6"	2 x 1 540/60.6"	
Cassettes adjustable from - to	G - H		290 - 1 380/11.4 - 54.3"	420 - 1 380/16.5 - 54.3"	
Supporting surface of turntable	Ø C		215/8.5"	250/9.4"	
Dimensions	L1 x B1		700 x 830/27.6 x 32.7"	750 x 1 150/29.5 x 45.3"	
Handlebar with pulling eye	Length		1 230/48.4"	1 450/57"	
Weight JUVÄthen plus	kg./lbs	101/227	102/225	192/422	114/251
Order-no. with JUVÄthen plus		09 150 140-V	10 150 140-V	09 225 140-V	10 225 140-V



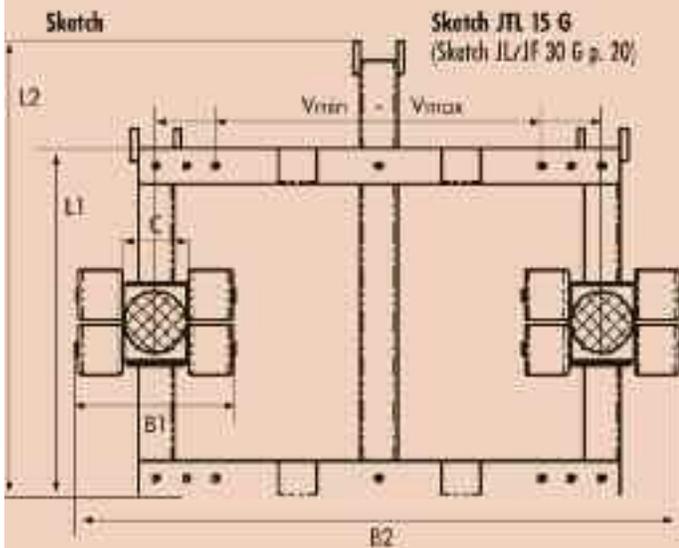
JL 30 G



JF 30 G



JTL 15 G



Advantages in detail

- Large rollers warrant optimal rolling characteristics on uneven surfaces and rough pavements.
- Safely overcomes small ledges, cracks in the concrete and countersunk rail tracks.
- Multi-purpose use: Also useable as two single trolleys, each with half of the combined load capacity. No additional accessories needed.
- Custom solutions available: Ask for individual design with specific measurements and adjustable connections.

Load weight up to

60 metric tons

15 metric tons

Type	Sketch		JL 30 G	JF 30 G	JTL 15 G
Load capacity		kg / lbs	30 000 / 66 100	30 000 / 66 100	15 000 / 33 000
Number of casters		pcs	16	16	8
Caster dimensions	Ø x l	mm / in	140 x 120 / 5.5 x 4.7"	140 x 120 / 5.5 x 4.7"	140 x 120 / 5.5 x 4.7"
Rising height		mm / in	180 / 7.1"	180 / 7.1"	180 / 7.1"
Supporting surface per cassette	E x F	mm / in		260 x 440 / 10.2 x 17.3"	
Cassette dimensions	L2 x B2	mm / in		650 x 650 / 25.6 x 25.6"	
Connecting rod with joint	Length	mm / in		2 x 1 540 / 60.6"	
Cassettes adjustable from - to	G - H	mm / in		650 - 1540 / 25.6 - 60.6"	
Supporting surface of turntable	Ø C	mm / in	250 / 9.8"		170 / 6.7"
Dimensions	L1 x B1	mm / in	750 x 1 550 / 29.5 x 61"		1 020 x 410 / 40.2 x 16.3"
Width of track as connection rod	E	mm / in			1 320 / 52.4"
Adjustable from to Vmin - Vmax		mm / in			900 - 1 230* / 35.4 - 48.4"
Adjustable					3x
Dimensions	L2 x B2	mm / in			1 250 x 1 770 / 49.2 x 69.7"
Handlebar with pulling eye	Length	mm / in	1 590 / 62.6"		1 230 / 48.4"
Weight JUVATHAN plus		kg	290 / 639	273 / 602	116 / 257
Order-no. with JUVATHAN plus			09 301 140-V	10 159 140-V	12 150 140-V

*other lengths on request



Available with:

JUWATHAN-coated steel castors



for any floor
Order number 95 050 025-V

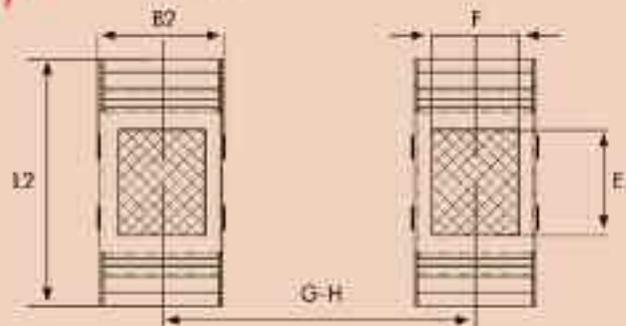
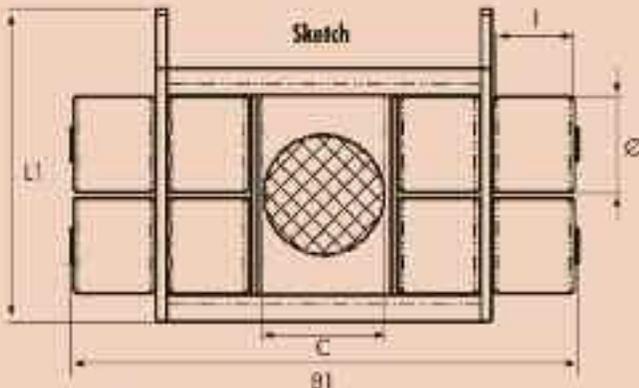


for any floor
Order number 95 050 090-V

Advantages in detail

- Outfitted with highest quality rollers as standard.
- Reduced weight through advanced construction of frames.
- All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar (as shown in picture). The adjustable-width transport trolley consists of two transport units and connecting rod.

Please refer to page 23 for additional roller information



Load weight up to

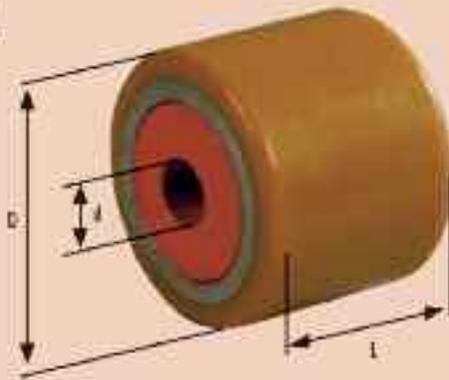
70 metric tons

120 metric tons

Type	Sketch	JLB 35 H	JFB 35 H	JLB 60 H	JFB 60 H	
Load capacity	kg / lbs	35 000 / 77 000	35 000 / 77 000	60 000 / 132 000	60 000 / 132 000	
Number of castors	pcs	8	8	8 / 8	8 / 8	
Castors dimensions	Ø x l	mm / in	200 x 170 / 7.9 x 6.7"	200 x 170 / 7.9 x 6.7"	200 x 170 / 85 / 7.9 x 6.7 / 33"	200 x 170 / 85 / 7.9 x 6.7 / 33"
Fitting height	mm / in	230 / 9.1"	230 / 9.1"	230 / 9.1"	230 / 9.1"	
Supporting surface per cassette	E x F	mm / in	395 x 260 / 15.6 x 10.2"	395 x 260 / 15.6 x 10.2"	395 x 260 / 15.6 x 10.2"	
Cassette dimensions	L2 x B2	mm / in	740 x 395 / 29.1 x 15.6"	740 x 395 / 29.1 x 15.6"	740 x 395 / 29.1 x 22.0"	
Connecting rod with joint	Length	mm / in	2 x 1 540 / 60.6"	2 x 1 540 / 60.6"	2 x 1 540 / 60.6"	
Cassettes adjustable from - to	G - H	mm / in	585 - 1 155 / 23 - 45.5"	585 - 1 155 / 23 - 45.5"	700 - 2 800 / 27.6 - 110.2"	
Supporting surface of turntable	Ø C	mm / in	250 / 9.8"	250 / 9.8"	250 / 9.8"	
Dimensions	L1 x B1	mm / in	650 x 1 060 / 25.6 x 41.7"	650 x 1 060 / 25.6 x 41.7"	650 x 1 400 / 25.6 x 55.1"	
Handlebar with pulling eye	Length	mm / in	1 590 / 62.6"	1 590 / 62.6"	1 590 / 62.6"	
Weight JUWATHAN plus	kg / lbs	320 / 705	289 / 637	450 / 992	410 / 904	
Order-no. with JUWATHAN plus		09 350 200-H	10 350 200-H	09 600 200-H	10 600 200-H	



Sketch



Recommended use

	Castor type and coat	
Recommended use for	JUWAtan® JUWAtan® plus JUWAtan® Professional	Steel
Main and clean floors	✓	
For any floors, (swarf resistant)	✓	
Bad floors with roughness		✓

Details

- **JUWAtan® castor design:** The coating is molded around a steel core. Two precision ball bearings are pressed into the steel core.
- **JUWAtan® plus castor design:** Based on the JUWAtan roller, the new JUWAtan-plus castor has a new and improved coating material and a more advanced construction. **NEW:** An aluminum core replaces the steel core for easier handling at the same strength. A polyurethane based lining material is bonded around the aluminum core. This construction reduces the rolling resistance and weight by nearly 30 percent.
- **JUWAtan® Professional:** The professional series roller was developed based on the JUWAtan plus roller. The side-by-side double roller system provides higher load capacity (2x2 ball bearings) and offers greatly reduced rolling resistance. Turning of the steerable trolley requires less force because the rollers can turn against one another resulting in extremely reduced friction between surface and roller. The much lower friction resistance also causes the rollers on the rear axis to follow in a truer course.
- **JUWAmid castor design:** The coating is molded around a steel core. Two precision ball bearings are pressed into the steel core.
- **Steel castor design:** The steel body is made of a seamless steel tube. Two ball bearings are pressed into the body.

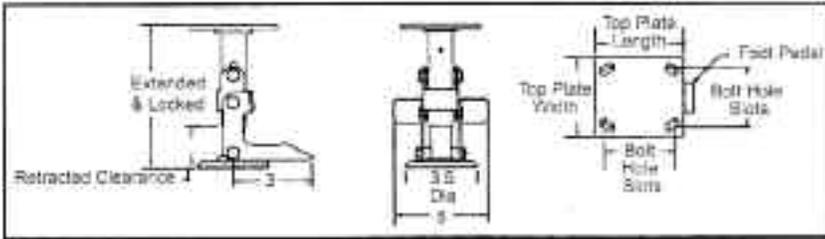
Sketch

Castor type, coat and order number

System series	Load capacity kg / lbs	D/L/d mm	JUWAtan® 24 months warranty*	JUWAtan® plus 24 months warranty*	JUWAtan® Professional 24 months warranty*	JUWAmid	Steel
K-Series up to 24 to	750 / 1 650	85 x 85 x 25		95 050 057-V			95 050 043-S
K-Series Professional up to 28 to	875 / 1 925	85 x 85 x 25			95 050 081-D		
S-Series up to 48 to	1 500 / 3 300	90 x 120 x 35	95 050 025-V				95 050 026-S
G-Series up to 80 to	2 000 / 4 400	140 x 120 x 35		95 050 048-V			
H-Series up to 120 to	2 100 / 4 620	200 x 85 x 70	95 050 090-V				
H-Series up to 120 to	4 200 / 9 240	200 x 170 x 70	95 050 053-V				
JHB 1 up to 4 to	750 / 1 650	75 x 60 x 20				95 050 079-E	
JHB 4 up to 12 to	750 / 1 650	85 x 40 x 25				95 050 088-P	

*When used as directed

Designed to hold portable equipment at a desired location. Intended for use on level surfaces. Floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable plates. The large non-skid brake pad, under high spring compression, holds the portable piece of equipment until released. For best results, units should be used in pairs.



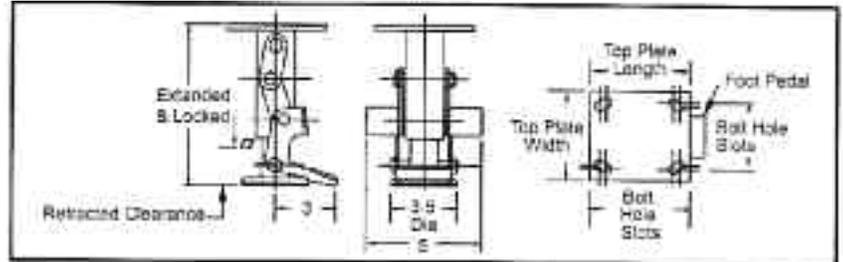
SELECT FEATURES & BENEFITS

- Top Plate** - Steel matching regular caster tops for easy installation
- Brake Shoe** - Large, non-skid, molded rubber for solid, no-slip contact
- Foot Pedal** - Adjusted by slight foot pressure for simple, instant locking
- Finish** - Corrosion resistant zinc plate for long use

FLOOR LOCK SPECIFICATIONS

Dia.	Series Number	Extended & Locked (in)	Retracted Clearance	Top Plate (in)	Bolt Hole Centers	Attaching Bolt Size	Weight (lb)	Floor Lock Number
4	16, 71	5-5/8	3/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	3-1/4	16FL0480
5	16, 71	6-1/2	3/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	3-1/2	16FL0580
6	16	7-1/4	3/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	3-1/2	16FL0680
6	71	7-1/2	3/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	3-3/4	71FL0680
8	16	9-1/2	3/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	4	16FL0880
8	71	10-1/8	3/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	4-1/2	71FL0880
4	12, 61	5-5/8	9/16	5 x 5-1/2	4-1/8 x 4-1/2	3/8	4	12FL0480
5	12, 61	6-1/2	1	5 x 5-1/2	4-1/8 x 4-1/2	3/8	4-1/4	12FL0580
6	12, 61	7-3/8	1	5 x 5-1/2	4-1/8 x 4-1/2	3/8	4-1/4	12FL0680
8	12, 61	9-1/2	1	5 x 5-1/2	4-1/8 x 4-1/2	3/8	4-3/4	12FL0880
4	62, 63, 72, 81	5-5/8	9/16	4-1/2 x 6-1/4	2-7/16 x 4-15/16 TO 3-3/8 x 5-1/4	1/2	4	62FL0480
5	62, 63, 72, 81	6-1/2	1	4-1/2 x 6-1/4	2-7/16 x 4-15/16 TO 3-3/8 x 5-1/4	1/2	4-1/4	62FL0580
6	62, 63, 72, 81	7-1/2	1	4-1/2 x 6-1/4	2-7/16 x 4-15/16 TO 3-3/8 x 5-1/4	1/2	4-1/4	62FL0680
8	62, 63, 72, 81	10-1/8	1	4-1/2 x 6-1/4	2-7/16 x 4-15/16 TO 3-3/8 x 5-1/4	1/2	4-1/2	62FL0880
6	90	8	1	5 x 7-1/4	3-3/8 x 5-1/4 TO 4-1/8 x 6-1/8	1/2	6	90FL0680
8	90	10-1/2	1	5 x 7-1/4	3-3/8 x 5-1/4 TO 4-1/8 x 6-1/8	1/2	6-1/2	90FL0880

Built with the same ease of use and precision as our standard floor locks, the telescoping floor lock offers greater retracted clearance for traveling over ramps and obstructions.



SELECT FEATURES & BENEFITS

Top Plate - Steel matching regular caster tops for easy installation

Brake Shoe - Large, non-skid, molded rubber for solid, no-slip contact

Foot Pedal - Adjusted by slight foot pressure for simple, instant locking

Finish - Corrosion resistant zinc plate for long use

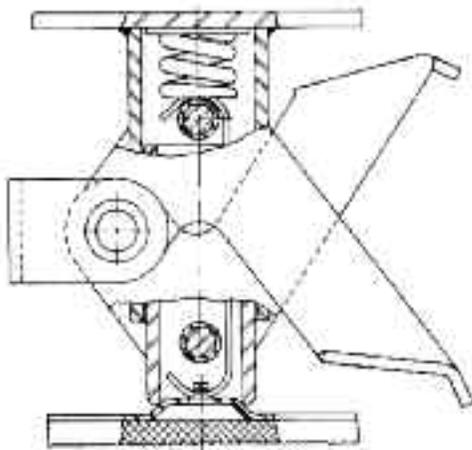
FLOOR LOCK SPECIFICATIONS

Dia.	Series Number	Extended & Locked (in)	Retracted Clearance	Top Plate (in)	Bolt Hole Centers	Attaching Bolt Size	Weight (lb)	Floor Lock Number
8	12	9-1/2	3-1/4	5 x 5-1/2	4-1/8 x 4-1/2	3/8	5	12LT8080
8	16	9-1/2	3-1/4	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	4-1/4	16LT8080
8	62	9-1/2	3-1/4	4-1/2 x 6-1/4	2-7/16 x 4-15/16 TO 3-3/8 x 5-1/4	1/2	4-3/4	62LT8080
8	71	9-1/2	3-1/8	4 x 4-1/2	2-5/8 x 3-5/8 TO 3 x 3	3/8	4-1/2	71LT8080
8	90	9-1/2	3-1/8	5 x 7-1/4	3-3/8 x 5-1/4 TO 4-1/8 x 6-1/8	1/2	6-3/4	90LT8080

FEATURES

Double Pedal designed floor locks provide greater operator safety.

- The double pedals will not allow the operator to place his foot under the load
- Large steel disc has non-marking rubber pad for non-slip floor contact.
- All steel construction for ruggedness.
- Electro-plated finish.



Cut-away side view illustrates compression and retraction springs.

HOW TO OPERATE:

- Simply press down on the larger pedal to set positive locking force of 90 to 120 lbs. against the floor.
- Press down on the release pedal and spring quickly returns lock to non-operating position.
- Both pedals are out in front for safety and ease of operation.

FLOOR LOCK SPECIFICATIONS

OAH Extended (in)	OAH Retracted (in)	Weight (lb)	Width x Length (in)	Bolt Hole Spacing (in)	Bolt Hole Size (in)	Part Number
5-3/8	4-7/8	4-1/2	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	558-FL
5-3/4	5	4-1/2	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	534-FL
6-1/4	5-1/2	4-1/2	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	614-FL
6-1/2	5-3/4	4-1/2	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	612-FL
6-3/4	6	4-3/4	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	634-FL
7-1/4	6-1/2	4-3/4	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	714-FL
7-3/4	7	4-3/4	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	734-FL
9-3/4	9	5	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	934-FL
10-1/2	9-3/4	5	3-3/4 x 4-5/8	2-5/8 x 3-5/8 slotted to 3 x 3	25/64	1012-FL

4-16/FL / 4-16K/FL Series

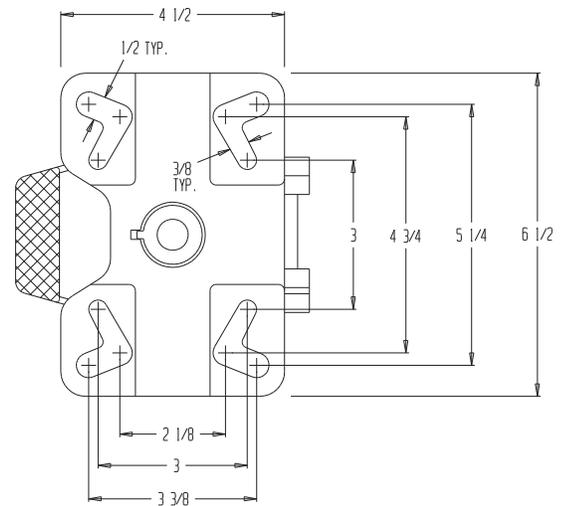
- Top plate fitting medium duty truck lock
- Extra heavy duty construction.
- Safely secures the truck in position while loading or unloading.
- Instantly released by slight downward pressure.
- Large diameter, non-skid rubber pad ensures firm grip to uneven ground surfaces.
- Operating force does not vary with load.
- Finish: Zinc plated or ROHS compliant

**4-16/FL & 4-16K/FL SPECIFICATIONS**

Wheel Diameter	Caster Series	Caster Height	Retracted Clearance	Approx. Weight	Part Number
6	16	7-1/4	1-1/2	3-3/4	4-16/FL-06
6	16K	7-1/2	1-1/2	3-3/4	4-16K/FL-06
8	16	9-1/2	1-1/2	3-3/4	4-16/FL-08
8	16K	10-1/8	1-1/2	3-3/4	4-16K/FL-08

FL-ADJ Series

This one of a kind floor lock includes an adjustable height foot pad that will work on carts with different caster heights. The adjustable height feature provides uniform locking and safety unlocking force for better ergonomic operation. This feature also keeps the floor lock working properly as spring and pads wear over time. Height is adjustable by turning the bottom pad. This unit has a bright zinc plated finish with heavy-duty cast steel construction. The bottom pad includes suction-cups for extra grip.

**FL-ADJ SPECIFICATIONS**

Part Number	Extended Height	Retracted Height	Used with Caster Size	Approx. Weight
FL-ADJ-4-6	5-1/2"to7-3/4"	4-1/2"to6-3/4"	4"-6"	9
FL-ADJ-8-10	8-1/4"to11-1/2"	6-1/4"to9-1/2"	8"-10"	1

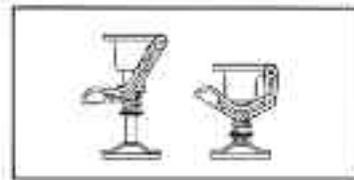
This lock lets you immobilize equipment in any desired location, but does not interfere with its movement when not in use. Platform trucks, fixture dollies or other castered items can be locked in place by a simple press of the foot. Locking action is created when a large, round friction face of nearly 10 sq. inches in area is pressed against the floor with the force of 70 to 100 lbs. This position lock does not lift equipment.

FEATURES

Brake Shoe - Large, non-skid, molded rubber for solid, no-slip contact

Foot Pedal - Adjusted by slight foot pressure for simple, instant locking

Finish - Painted



FLOOR LOCK SPECIFICATIONS

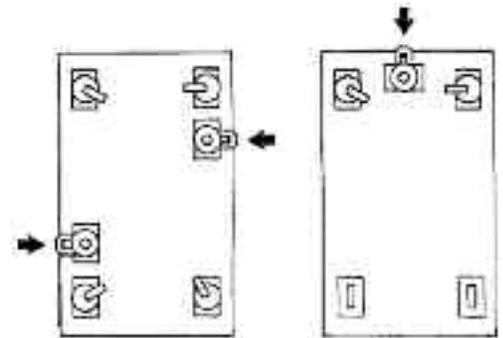
Diameter (in)	Extended Height (in)	Retracted Height (in)	Mounting Plate (in)	Bolt Hole Spacing (in)	Fastener Dia. (in)	Weight (lb)	Part Number
4	5-5/8	5	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	7.75	920FL04548
5	6-1/2	5-7/8	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	8	930FL05650
5	7-9/32	6-21/32	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	8.25	930FL05728
5	7-5/8	6-1/2	4-1/2 x 6	2-7/16 x 4-15/16	1/2	10.25	930FL05762
6	7-3/8	6-3/4	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	8.25	940FL06737
6	7-1/2	6-7/8	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	8.25	940FL06750
6	7-1/2	6-3/8	4-1/2 x 6	2-7/16 x 4-15/16	1/2	10.5	940FL06751
6	7-25/32	6-21/32	4-1/2 x 6	2-7/16 x 4-15/16	1/2	10.5	940FL06778
6	8-1/8	7	4-1/2 x 6	2-7/16 x 4-15/16	1/2	10.5	940FL06812
8	9-1/2	8-3/8	4-1/2 x 6	2-7/16 x 4-15/16	1/2	10.5	950FL08950
8	9-1/2	8-7/8	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	9.5	950FL08951
8	9-7/8	8-3/4	4-1/2 x 6	2-7/16 x 4-15/16	1/2	10.5	950FL08987
8	10-5/16	9-3/16	5-3/8 x 7-1/4	3-3/8 x 5-1/4	1/2	15	950FL081031
8	10-1/2	9-5/8	5-3/8 x 7-1/4	3-3/8 x 5-1/4	1/2	15.25	950FL081050
10	11-1/2	10-3/8	4-1/2 x 6	2-7/16 x 4-15/16	1/2	11.5	980FL101150
10	12-1/2	11-3/8	5-3/8 x 7-1/4	3-3/8 x 5-1/4	1/2	15.25	980FL101250
10	12-3/4	11-7/8	5-3/8 x 7-1/4	3-3/8 x 5-1/4	1/2	15.5	980FL101275

A position lock lets you immobilize equipment in any desired location, but does not interfere with its movement when not in use. Platform trucks, fixture dollies or other castered items can be locked in place by simple foot pressure. Locking action is created when a large, round friction face of nearly 10 sq. inches in area is pressed against the floor with the force of 70 to 100 lbs. The position lock does not lift the equipment as the spring-allowed applied force is not as heavy as the weight of the castered item.

FL-430, FL-550 and **FL-802** position locks have aluminum lacquer finish.
FL-410, FL-600, FL-800 and **FL-601** position locks have bronze lacquer finish.

INSTALLATION INFORMATION

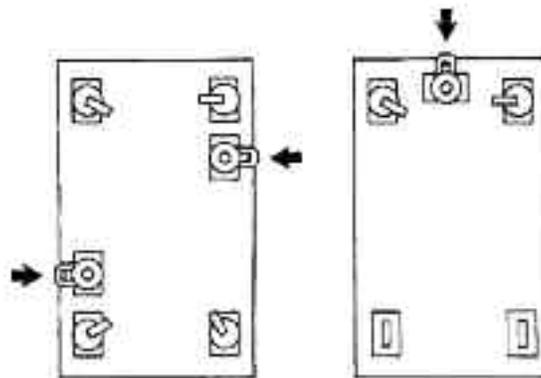
Where there are four swivel casters on a piece of equipment, use at least two position locks mounted diagonally to each other. When a piece of equipment has two swivel and two rigid casters, only one position lock is needed.



EXTRA HEAVY DUTY FLOOR LOCKS FOR CASTERED EQUIPMENT

FLOOR LOCK SPECIFICATIONS

Mounting Height (in)	Retracted Height (in)	Plate Size (in)	Bolt Hole Spacing (in)	Bolt Dia. (in)	Used with Caster Category	Weight (lb)	Part Number
5-5/8	4-11/16	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	4" Category 04	8	FL-410
5-13/32	4-11/16	3-11/16 x 5-3/8	2-5/8 x 3-5/8	3/8	4" Category 04	8	FL-430
7-1/4	6-1/4	4-1/2 x 6	2-7/16 x 4-15/16	1/2	6" Category 06	10	FL-550
7-3/4	6-3/4	4-1/2 x 6	2-7/16 x 4-15/16	1/2	6" Category 06	10	FL-600
8-1/8	7-1/8	4-1/2 x 6	2-7/16 x 4-15/16	1/2	6" Category 06	11-1/2	FL-601
9-15/16	8-7/8	5-3/8 x 7-1/4	3-3/8 x 5-1/4	1/2	8" Category 07	14	FL-802
10-1/4	9-1/4	5-3/8 x 7-1/4	3-3/8 x 5-1/4	1/2	8" Category 07	15	FL-800



Stainless Steel Floor Locks

Model Number	Height Unlocked	Height Locked	Bolt Hole Centers	Bolt Hole Spacing	Top Plate Size	Bolt Hole Size	Weight (Approx)
SSFL-4	4-1/2"	5-5/8"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	3.5
SSFL-5	5-3/8"	6-1/2"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	4
SSFL-6	6-1/2"	7-1/2"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	4
SSFL-8	8-1/2"	9-1/2"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	4



Stainless Steel Floor Locks (SSFL)

Standard Steel Floor Locks (FL)



Standard Steel Floor Locks

Model Number	Height Unlocked	Height Locked	Bolt Hole Centers	Bolt Hole Spacing	Top Plate Size	Bolt Hole Size	Weight (Approx)
FL-4	4-1/2"	5-5/8"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	3.5
FL-5	5-3/8"	6-1/2"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	4
FL-6	6-1/2"	7-1/2"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	4
FL-8	8-1/2"	9-1/2"	3" x 3"	2-5/8" x 3-5/8"	4" x 4-1/2"	3/8"	4

Typical Floor or Truck Lock Installation Configuration



FEATURES

Efficient self adjusting floor lock for positioning trucks, stands and work benches for safer loading, unloading and work convenience. In most applications provides greater floor clearance than other type floor locks.

Body: Corrosion resistant cast aluminum alloy.

Foot: Firm grip non-marking rubber.

Mechanism: Spring loaded foot and shelf actuating levers to provide efficient braking.

Operating Height: Two models provide 6-1/2" to 10-1/2" operating height.

Built in flex and floating foot compensate for irregular floors.



2-5/8" x 3-5/8" to 3" x 3" slotted bolt holes
for 3/8" attachment bolts.
Lock nuts and lock washers recommended.

KEY BENEFIT

Ideal for Irregular Floors



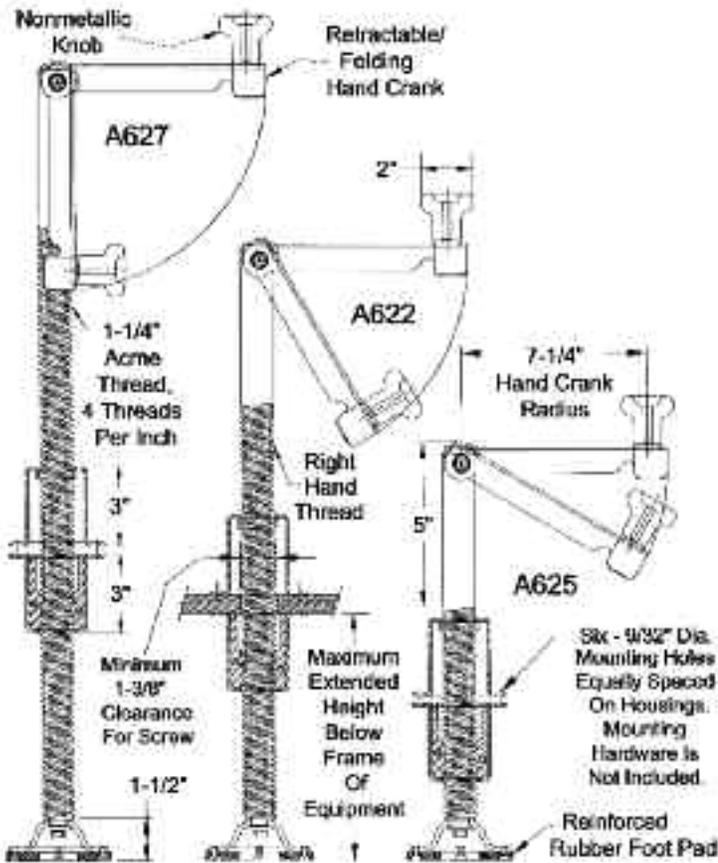
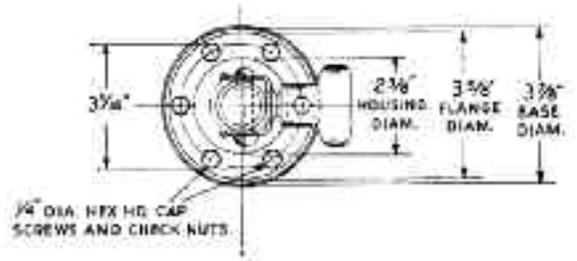
Two Models Provide 6-1/2" to 10-1/2" Operating Height

Model Number	Recommended Operating Height (in)	Retracted Height (in)	Extended Height (in)	Approx. Weight (lb/each)
FL-515	6-1/2 to 7-1/2	5-1/2	8	3-1/2
FL-700	8 to 10-1/2	7	11	4

Floor locks should be selected with extended height slightly greater than associated caster overall height.

Shims or washers can be used to add additional height.

Economical and practical method for leveling and stabilizing portable equipment such as work stations. Used to brake equipment in place and elevate it to the required height. An economical and practical method for leveling and stabilizing portable equipment such as work platforms. They are used to brake equipment in place and elevate it to a required height. These screw jacks can be used in areas where position locks cannot be applied. The hand crank has a radius of 7-1/4". All exposed metal parts are zinc plated for proven rust prevention.



A - Series Leveling Jacks Heavy Duty Premium

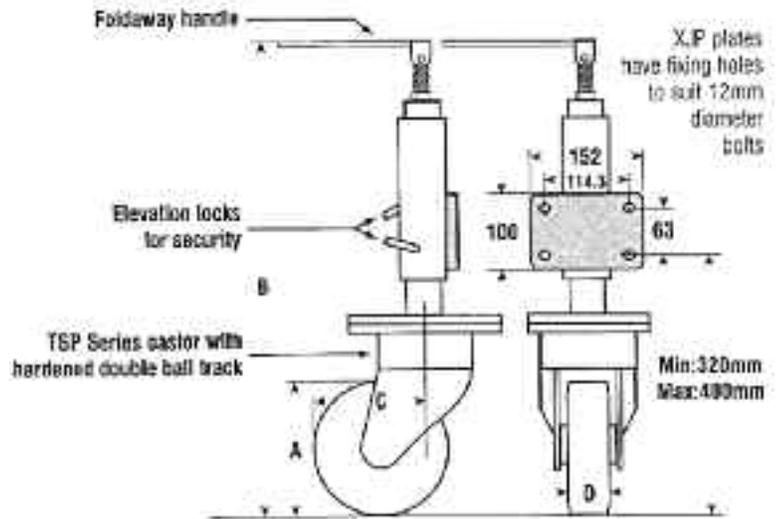
Length Of Screw Travel (in.)	Overall Height (in.)	Maximum Extended Height Below Frame of Equipment (in.)	Minimum Height Below Frame of Equipment (in.)	Floor Jack Catalog Number	Approx. Weight (lbs.)
9	18	13-1/2	4-1/2	A625	9
17	26	21-1/2		A622	12
21	30	25-1/2		A627	13



JACKING CASTER

- Easy
- Accurate
- Vertical
- Adjustment

Wheels:
Vulkollan™ Tread
 or
Nylacron™ (NY/MD)



25.4 mm	=	1"
63 mm	=	2-1/2"
100 mm	=	4"
114.3 mm	=	4-1/2"
152 mm	=	6"
320 mm	=	12.60"
400 mm	=	15.75"

XPJ 200 Lifting Jack Caster

Diameter (mm / in)	OAH (mm / in)	Swivel Radius (mm / in)	Tread Width (mm / in)	Wheel Type	Capacity (lb)	Swivel Part Number
200 / 8	635 / 25	172 / 6-3/4	50 / 2	Rubber / Cast Iron Core (RY/CA)	1180	XPJ/RV/CA-200/50/PB-S
200 / 8	635 / 25	172 / 6-3/4	45 / 1-3/4	Vulkollan™ / Cast Iron Core (VU/CA)	2200	XPJ/VU/CA-200/45/PB-S
200 / 8	635 / 25	172 / 6-3/4	45 / 1-3/4	Vulkollan™ (VU)	2200	XPJ/VU-200/45/PB-S
200 / 8	635 / 25	172 / 6-3/4	45 / 1-3/4	Nylacron™ (NY/MD)	2200	XPJ/NY/MD-200/45/PB-S
200 / 8	635 / 25	172 / 6-3/4	45 / 1-3/4	Nylacron™ Monocast (NY/MC)	2200	XPJ/NY/MC-200/45/PB-S

“Four-in-One” CasterJacks Series 31008

1. Lift 2. Lower 3. Swivel 4. Roll

All 31008 series casterjacks can be furnished with or without the casters. Special care must be taken when selecting your caster requirement to make certain you do not exceed the maximum allowable caster size specified for each individual casterjack assembly. Usable size load capability is a factor of the rated load, overall height and the swivel offset of the caster assembly selected. **Kingpinless casters with Nylacron™ wheels are recommended for all casterjacks. For application assistance, contact Acorn™.**



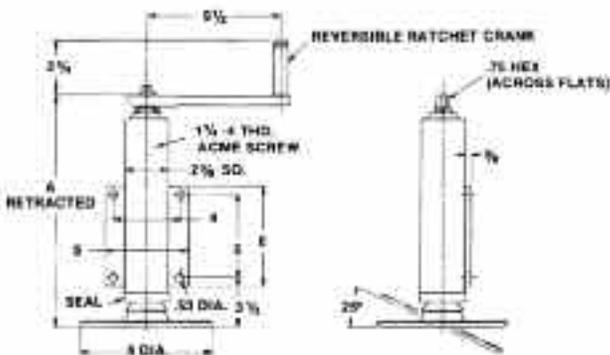
Jack without
Wheels



Jack with
Nylacron™ Wheel

Custom Caster Jacks Available.

Consult Acorn™ for more information and specifications.



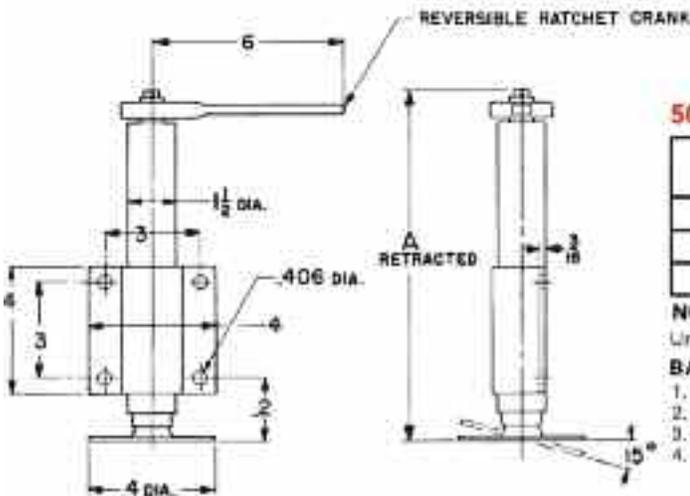
1800 LBS. CAPACITY — RIGID MOUNT

SAGINAW PART NO.	STROKE	A	*SIDE LOAD LB.	WGT.
31050-6	6	16	1200	18
31050-12	12	22	700	25
31050-18	18	28	500	32

NOTE: *Maximum static side load to yield, combined with maximum operating load. Unit must be securely fixed at mounting point of jack side plate to frame member.

BASIC DATA:

- 4 revs. input for 1 inch of stroke.
- 1,800 lb. maximum operating load, compression.
- 4,500 lb. maximum static compression to yield.
- Approx. 240 inch lb. torque input at maximum operating load.
- Furnished with 8 inch crank as shown.



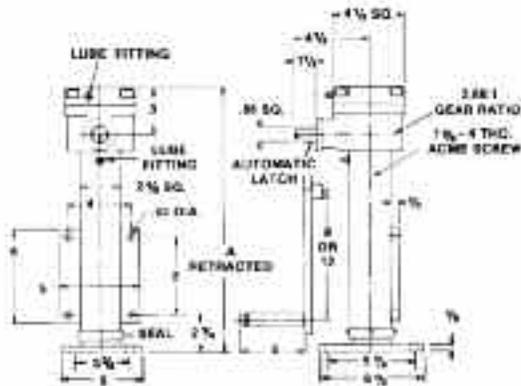
500 LBS. CAPACITY — RIGID MOUNT

SAGINAW PART NO.	STROKE	A	*SIDE LOAD LB.	WGT.
31060-3	3	10	800	5
31060-6	6	13	450	7
31060-9	9	15	300	9

NOTE: *Maximum static side load to yield, combined with maximum operating load. Unit must be securely fixed at mounting point of jack side plate to frame member.

BASIC DATA:

- 6 revs. input for 1 inch of stroke.
- 500 lb. maximum operating load, compression.
- 4,000 lb. maximum static compression to yield.
- Approx. 90 inch lb. torque input at maximum operating load.



BASIC DATA:

- 14.6 revs. input for 1 inch of stroke.
- 1600 lb. maximum operating load, compression.
- Approx. 80 inch lb. torque input at maximum operating load.
- Specify crank: 8 inch, Part No. 10582-K, or 12 inch, Part No. 10582-M.

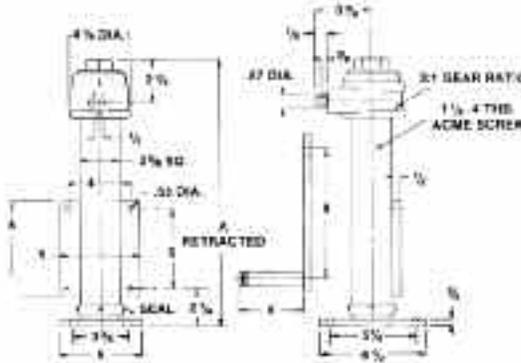
****7500 LBS. CAPACITY FIXED PAD JACK (WITHOUT CASTER)**

JACK DATA	PART NO.	STROKE	A	WEIGHT LESS CASTER	*SIDE LOAD LB.
	31038-3	3	13-3/4	41-1/2	725
	31038-6	6	16-3/4	45	600
	31038-12	12	22-3/4	52	450
	31038-18	18	28-3/4	59	350

1800 LBS. CAPACITY CASTER JACK (WITH CASTER)

CASTER DATA	PART NO.	MAX. CAPACITY LBS.	MAX. CASTER HEIGHT	MAX. OFFSET	BOLT HOLE SPACING	BOLT DIA.
	31038-3	1800	10-5/16	2-1/2	3-3/8 x 5-1/4	1/2
	31038-6					
	31038-12					
	31038-18					

NOTE: *Side load capacity based on 1800 lbs. load with jack at full extension and with caster mounted having a maximum overall height of 10-5/16" and 2-1/2" swivel offset. Unit must be securely fixed at point of jack side plate, and also between jack base plate and caster top plate.
 **See basic data for 31030 jack assemblies when using unit less caster.



BASIC DATA:

- 12 revs. input for 1 inch of travel.
- 1500 lb. maximum operating load, compression.
- Approx. 96 inch lb. torque input at maximum operating load.
- Furnished with 8 inch crank, Part No. 14168-4.

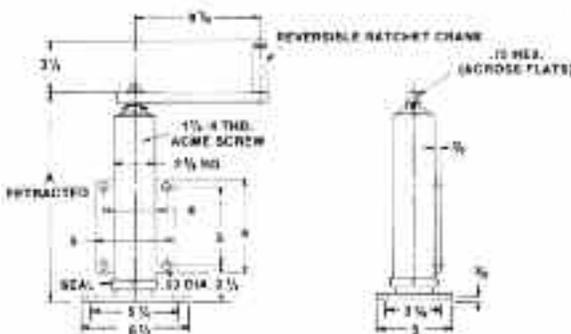
****5000 LBS. CAPACITY FIXED PAD JACK (WITHOUT CASTER)**

JACK DATA	PART NO.	STROKE	A	WEIGHT LESS CASTER	*SIDE LOAD LB.
	31048-3	3	13-5/8	31-1/2	725
	31048-6	6	16-5/8	35	600
	31048-12	12	22-5/8	42	450
	31048-18	18	28-5/8	49	350

1800 LBS. CAPACITY CASTER JACK (WITH CASTER)

CASTER DATA	PART NO.	MAX. CAPACITY LBS.	MAX. CASTER HEIGHT	MAX. OFFSET	BOLT HOLE SPACING	BOLT DIA.
	31048-3	1800	10-5/16	2-1/2	3-3/8 x 5-1/4	1/2
	31048-6					
	31048-12					
	31048-18					

NOTE: *Side load capacity based on 1800 lbs. load with jack at full extension and with caster mounted having a maximum overall height of 10-5/16" and 2-1/2" swivel offset. Unit must be securely fixed at point of jack side plate, and also between jack base plate and caster top plate.
 **See basic data for 31040 jack assemblies when using unit less caster.



BASIC DATA:

- 4 revs. input for 1 inch of stroke.
- 1800 lb. maximum operating load, compression.
- Approx. 240 inch lb. torque input at maximum operating load.
- Furnished with 9-1/2 inch crank as shown.

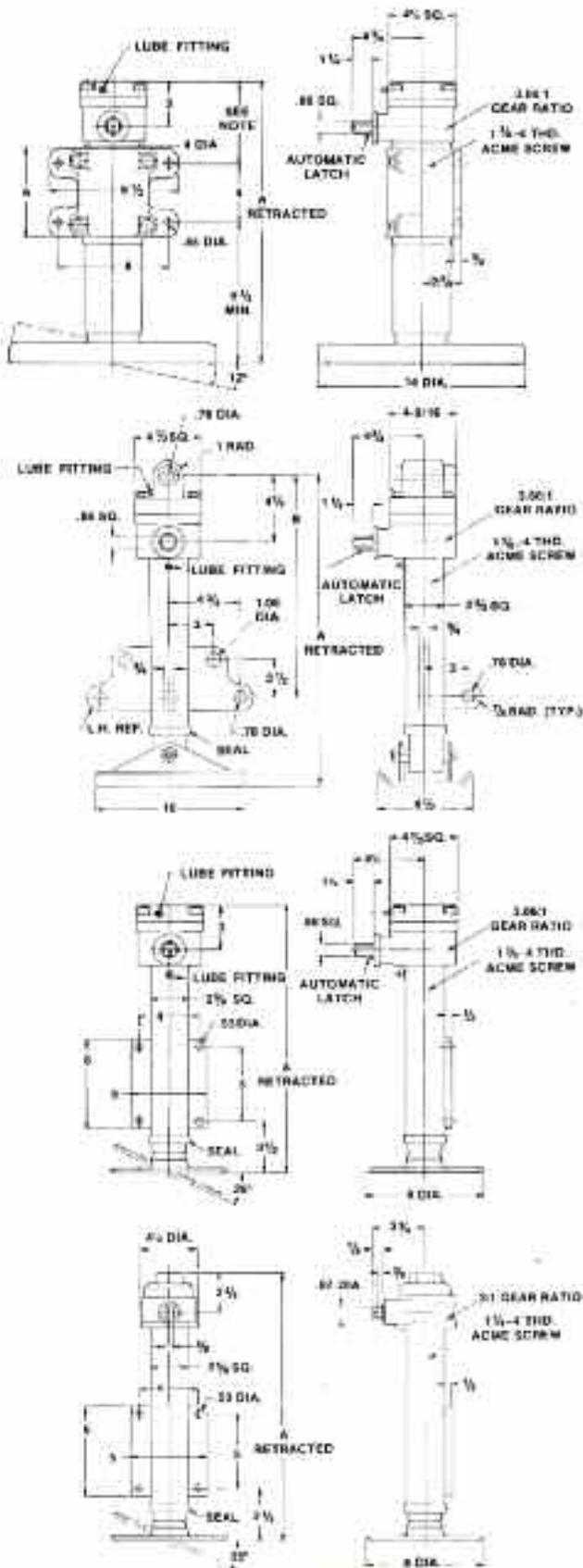
****1800 LBS. CAPACITY FIXED PAD JACK (WITHOUT CASTER)**

JACK DATA	PART NO.	STROKE	A	WEIGHT LESS CASTER	*SIDE LOAD LB.
	31058-3	3	12	16	725
	31058-6	6	15	23	600
	31058-12	12	21	30	450
	31058-18	18	27	38	350

1800 LBS. CAPACITY CASTER JACK (WITH CASTER)

CASTER DATA	PART NO.	MAX. CAPACITY LBS.	MAX. CASTER HEIGHT	MAX. OFFSET	BOLT HOLE SPACING	BOLT DIA.
	31058-3	1800	10-5/16	2-1/2	3-3/8 x 5-1/4	1/2
	31058-6					
	31058-12					
	31058-18					

NOTE: *Side load capacity based on 1800 lbs. load with jack at full extension and with caster mounted having a maximum overall height of 10-5/16" and 2-1/2" swivel offset. Unit must be securely fixed at point of jack side plate, and also between jack base plate and caster top plate.
 **See basic data for 31060 jack assemblies when using unit less caster.



10000 LBS. CAPACITY — RIGID MOUNT

PART NO.	STROKE	A	*SIDE LOAD LB.	WGT.
31010-6	6	19	6300	86
31010-12	12	25	3600	98
31010-18	18	31	2500	110

NOTE: *Maximum static side load to yield, combined with maximum operating load. Unit must be securely fixed at mounting point of jack side plate to frame member. Adjustable clamp bracket may be adjusted along entire length of tube toward gear head on -12 to -18 models. As a precaution it is advisable to weld bracket to outer tube, on all units, after location of proper mounting height is determined to prevent possible slippage.

BASIC DATA:

- 14.6 revs. input for 1 inch of stroke.
- 10,000 lb. maximum operating load, compression.
- 25,000 lb. maximum static compression to yield.
- Approx. 380 inch lb. torque input at maximum operating load.
- Specify crank: 8 inch, Part No. 10582-K or 12 inch, Part No. 10582-M.

7500 LBS. CAPACITY — STOWABLE

PART NO.	STROKE	A	B	*SIDE LOAD LB.	WGT.
31020-6 L or R	6	21	15	850	45
31020-12 L or R	12	27	21	500	52
31020-18 L or R	18	33	27	400	59

NOTE: *Maximum static side load to yield, combined with maximum operating load. Unit must be securely fixed at connecting points.

BASIC DATA:

- 14.6 revs. input for 1 inch of stroke.
- 7,500 lb. maximum operating load, compression.
- 22,000 lb. maximum static compression to yield.
- Approx. 285 inch lb. torque input at maximum operating load.
- Specify crank: 8 inch, Part No. 10582-K or 12 inch, Part No. 10582-M.
- Available with 14" dia. all terrain foot pad. Specify Part No. 31022-6 etc.

7500 LBS. CAPACITY — RIGID MOUNT

PART NO.	STROKE	A	*SIDE LOAD LB.	WGT.
31030-6	6	18	1100	45
31030-12	12	24	800	52
31030-18	18	30	400	59

NOTE: *Maximum static side load to yield, combined with maximum operating load. Unit must be securely fixed at mounting point of jack side plate to frame member.

BASIC DATA:

- 14.6 revs. input for 1 inch of stroke.
- 7,500 lb. maximum operating load, compression.
- 22,000 lb. maximum static compression to yield.
- Approx. 295 inch lb. torque input at maximum operating load.
- Specify crank: 8 inch, Part No. 10582-K or 12 inch, Part No. 10582-M.

5000 LBS. CAPACITY — RIGID MOUNT

PART NO.	STROKE	A	*SIDE LOAD LB.	WGT.
31040-6	6	16	1100	35
31040-12	12	24	600	42
31040-18	18	30	400	49

NOTE: *Maximum static side load to yield, combined with maximum operating load. Unit must be securely fixed at mounting point of jack side plate to frame member.

BASIC DATA:

- 12 revs. input for 1 inch of stroke.
- 5,000 lb. maximum operating load, compression.
- 15,000 lb. maximum static compression to yield.
- Approx. 205 inch lb. torque input at maximum operating load.
- Furnished with 8 inch crank, Part No. 14168-4.

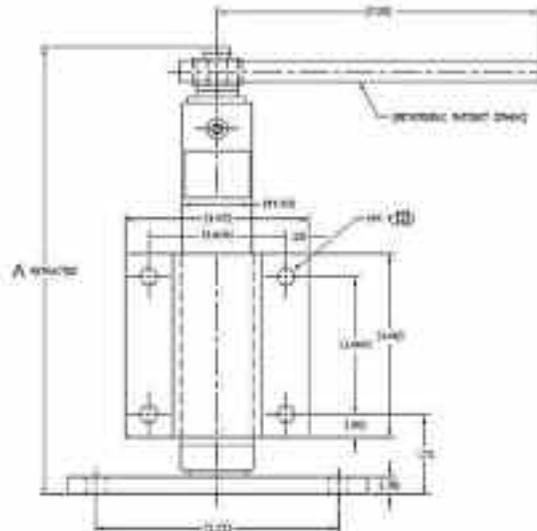
31068 SERIES JACKS

500 lb. Capacity/Fixed Pad
Basic Data

1. 6 revs. Input for 1 in. of stroke
2. 500 lb. max operating load, compression
3. 1,500 lb. maximum static compression to yield
4. Approx. 80 in. lb. torque input at maximum operating load
5. Furnished with 6 in. crank as shown

Custom Build and Design

We can build Caster Jacks to your specific requirements. Our experienced Engineering and Sales departments will help you design a jack to your exacting specifications.



Click on the illustration to view a PDF CAD drawing

Max. Caster Height	Max. Offset	Bolt Hole Spacing	Bolt Hole Diameter
10.312	2.5	3.375 x 5.25	.50

P/N	Stroke	A Dimension	Weightless Casters (lb.)	*Side Load (lb.)
31068-3	3	9.75	5	700
31068-6	6	12.75	7	550
31068-9	9	15.75	9	350
31068-12	12	18.75	11	350
31068-18	18	24.75	14	250

Note: *Maximum Static Load to Yield, combined with maximum operating load. Unit must be securely fixed at mounting point of jack side plate to frame member.

