

แม่แรงไฮดรอลิค รุ่นมาตรฐาน
Standard Bottle Jacks



- Widely used in construction machinery, civil engineering work and as onboard vehicle jacks.
- These are a standard type of jack used throughout the world for vehicles, construction and industrial machinery, etc.
- They are also widely used in disaster prevention machinery, earthquake reconstruction, and for rental-lease equipment.
- These labor-saving devices can lift heavy loads with the smallest of hand operating forces.



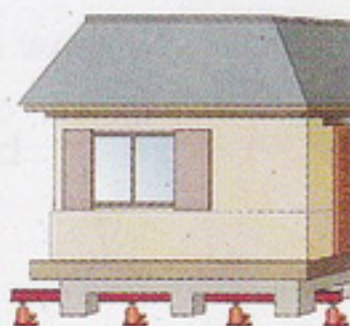
Specs. Model	Capacity KN (ton)	h Min. Height (mm)	h1 Lifting Height (mm)	h2 Extension Screw (mm)	H Max. Height (mm)	a Socket Dimensions (mm)	1 x w Base Dimensions (mm)	Handle Dimensions (mm)	Operating Force (N)	No. of Operations	Required Oil (cc)	Gross mass (kg)
MS-2S	20 (2)	150	85	50	285	Ø 25	65x110	19.1x330	382	22	40	2.2
MS-2	20 (2)	180	115	50	345	Ø 25	65x110	Ø 19.1x330	382	33	72	2.4
MS-3	30 (3)	190	115	60	365	29x30	72x115	Ø 19.1x380	265	48	76	2.7
MN-4	40 (4)	190	115	70	375	33x34.5	76x131	Ø 21.7x545	265	85	127	4.0
MS-5Y	50 (5)	200	120	70	390	33x34.5	76x131	Ø 19.1x552	270	73	118	3.7
MH-7	70 (7)	200	120	70	390	38x40	90x151	Ø 21.7x605	294	72	195	5.6
MH-10	100 (10)	240	150	80	470	45x47	106x166	Ø 21.7x605	304	126	320	8.1
MH-15	150 (15)	265	165	80	510	51x53	118x180	Ø 21.7x605	304	195	505	10.5
MH-20	200 (20)	270	160	-	430	Ø 52	128x182	Ø 27.2x800	353	126	487	13.2
MH-30V-2	300 (30)	280	160	-	440	Ø 61	142x192	Ø 27.2x800	353	230	675	18.7
MH-50Y	500 (50)	305	170	-	475	Ø 80	188x237	Ø 27.2x1,000	353	276	1,340	37.0
MH-100Y	1,000 (100)	305	145	-	450	Ø 125	265x318	Ø 27.2x1,000	353	163	2,940	87.7

แม่แรงไฮดรอลิค รุ่นตัวสั้น
Low Profile Bottle Jacks

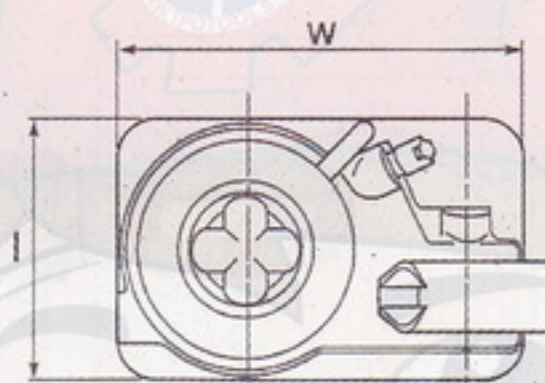


- These are jacks that facilitate usage in a low position.
- They are also widely used in disaster prevention machinery, earthquake reconstruction, and for rental-lease equipment.
- Jacking-up is possible from low positions into which standard jacks will not fit.

Usage examples
Raising structures

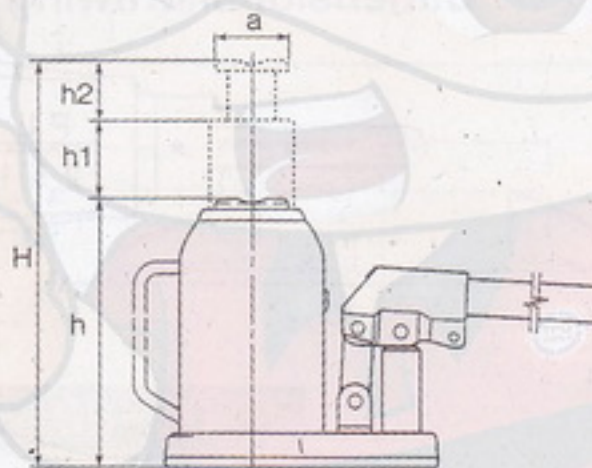
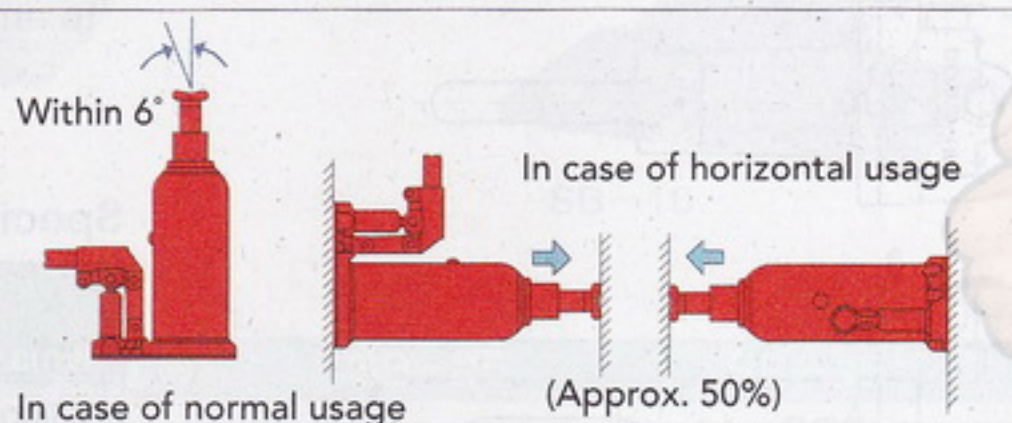


Servicing of
large vehicles



Horizontal spec. model also available

Angle of inclination is within 6°.
Range of lift is approximately 50% when
used horizontally in connection with the
oil level.



Specs. Model	Capacity KN (ton)	h. Min. Height (mm)	h1 Lifting Height (mm)	h2 Extension Screw (mm)	H Max. Height (mm)	a Socket Dimensions (mm)	1 x w Base Dimensions (mm)	Handle Dimensions (mm)	Operating Force (N)	No. of Operations	Required Oil (cc)	Gross mass (kg)
MHB-10	100(10)	170	95	75	340	45x47	106x166	Ø 21.7x605	304	83	220	6.3
MHB-15	150(15)	170	90	70	330	51x53	118x180	Ø 21.7x605	304	109	290	7.9
MHB-20	200(20)	180	85	40	305	56.5x58	128x182	Ø 27.2x800	353	67	281	9.7
MHB-30Y	300(30)	180	80	-	260	Ø 61	142x192	Ø 27.2x800	353	96	380	13.5

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แม่แรงไฮดรอลิก รุ่นยกสูง

Multi Stage-Telescopic Jacks



MASADA JACK



HPD-4 I



HPD-1.5-5

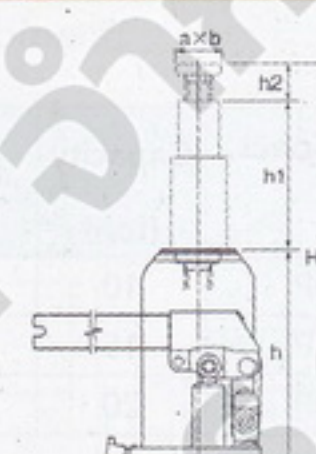
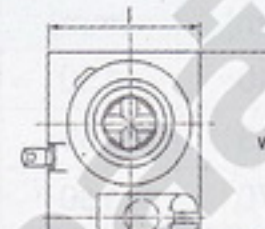
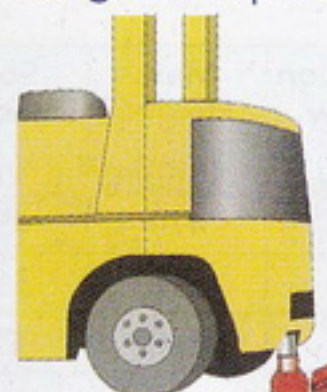


HFD-10F-3



HFT-3

Usage examples



- Used to jack-up low-floor trucks and four-wheel-drive vehicles, etc these jacks can be used with a high stroke from a low position.
- These jacks can be used with a high stroke from a low position.

Specs.	Capacity	Min. Height	Lifting Height	Extension Screw	Max. Height	Socket Dimensions	Base Dimensions	Handle Dimensions	Operating Force	No. of Operations	Adapter	Required Oil	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(cc)	(kg)	
NPD-1.5-5	15 (1.5)	170	205	-	375	Ø 27	90x90	Ø 19.1x380	250	64	-	115	2.7
HPD-4 I	40 (4)	150	160	30	340	31x32	90x110	Ø 21.7x545	200	102	-	189	4.4
HFD-10-2	100 (10)	170	180	70	420	45x47	118x180	Ø 21.7x605	178	279	-	390	8.3
HFD-15	150 (15)	170	180	70	420	45x47	118x180	Ø 21.7x605	178	279	-	505	12

Forklift Use

Specs.	Capacity	Min. Height	Lifting Height	Extension Screw	Max. Height	Socket Dimensions	Base Dimensions	Handle Dimensions	Operating Force	No. of Operations	Required Oil	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(cc)	(kg)
HFD10F-3	100 (10)	120	100	-	220	Ø 38	118x180	Ø 21.7x605	178	93	245	6.8
HFT-3	30 (3)	120	150	-	270	Ø 34	154x167	Ø 21.7x600	274	108	330	8.2

* Horizontal use is not recommended.

* The HFT-3 is a three stage-telescopic jack.

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Mini Jacks



MMJ-5T-2



MMJ-10

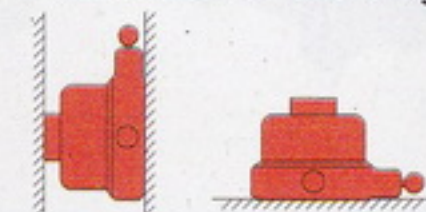


MMJ-50Y

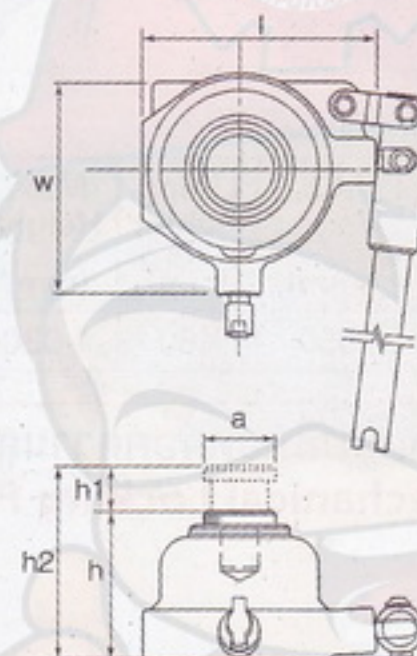
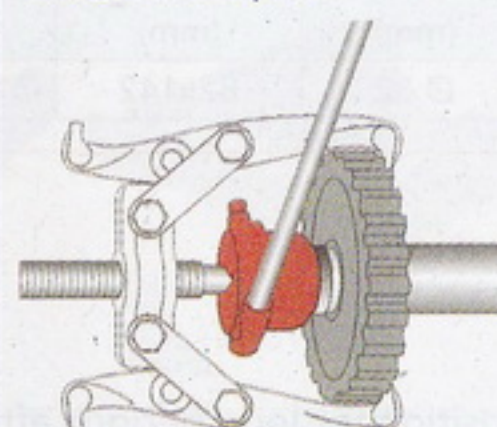


MMJ-5C-2

Horizontal spec. model also available
Usage only possible in the range of 90° in the orientation of the diagram



Usage examples



Auxiliary pin-type adapter

Specs.	Capacity	Min. Height	Lifting Height	Max. Height	Socket Dimensions	Base Dimensions	Handle Dimensions	Operating Force	No. of Operations	Adapter	Required Oil	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(cc)	(kg)
MMJ-5C-2	50 (5)	60	20	80	Ø 28	94x89	Ø 14x240	255	36	thin-type/pin-type	25	1.7
MMJ-5T-2	50 (5)	85	40	125	Ø 28	94x89	Ø 14x240	255	75	thin-type/pin-type	40	2.2
MMJ-10	100 (10)	120	30	150	Ø 42	102x108	Ø 18x440	274	45	thin-type	77	4.9
MMJ-20	200 (20)	130	30	160	Ø 53	112x119	Ø 22x605	343	63	thin-type	110	7.7
MMJ-50Y	500 (50)	140	30	170	Ø 80	174x178	Ø 22x680	382	97	thin-type	370	19.0

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แม่แรงไฮดรอลิคแบบมีเกจ Jacks With Pressure Gauge Fixed

- These can perform measurement of load. Therefore, it can use also crush test apparatus, and as a press for laboratory apparatus, etc.
- A pressure gauge is affixed, displaying both capacity (TON) and internal pressure (Mpa).



MH-10P



Specs.	Capacity	Min. Height	Lifting Height	Extension Screw	Max. Height	Socket Dimensions	Base Dimensions	Handle Dimensions	Operating Force	No. of Operations	Required Oil	Gross mass
Model	(ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(cc)	(kg)
MH-10P	10	240	150	80	470	45x47	140x150	Ø 21.7x605	304	126	337	9.9
MH-15P	15	265	165	80	510	51x53	152x162	Ø 21.7x605	304	207	540	12.5
MH-20P	20	270	160	-	430	Ø 52	152x162	Ø 27.2x800	324	125	487	13.9

แม่แรงไฮดรอลิคแบบมีรูเกลียวสำหรับติดตั้งเกจ Jacks With Port For Pressure Gauge Attachment

- A hydraulic gauge can be attached to meet the needs of the customer.
- They can also be used for crush test apparatus, and as a press for laboratory apparatus, etc.



MH-10PP

Specs.	Capacity	Min. Height	Lifting Height	Extension Screw	Max. Height	Socket Dimensions	Base Dimensions	Port dia.	Operating Force	No. of Operations	Required Oil	Gross mass
Model	(ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(cc)	(kg)
MS-2PP	10	180	115	50	345	Ø 25	65x110	Rc1/8	382	33	72	2.1
MH-5PP	5	200	120	70	390	35x36.5	82x142	Rc1/4	274	75	160	4.3
MH-10PP	10	240	150	80	470	45x47	140x150	Rc3/8	304	126	337	9.4
MH-15PP	15	265	165	80	510	51x53	152x162	Rc3/8	304	207	540	12.0
MH-20PP	20	270	160	-	430	Ø 52	152x162	Rc3/8	324	125	487	13.4

แม่แรงไฮดรอลิครุ่นตัวสูงพิเศษ Long-Stroke Jacks

- Can be used incorporated in lifting equipment as a hydraulic part, and as a maintenance jack for rails, etc.
- This is a jack which enable long lifting height work.

MHL-2-2



Specs.	Capacity	Min. Height	Lifting Height	Max. Height	Socket Dimensions	Base Dimensions	Handle Dimensions	Operating Force	No. of Operations	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(kg)
MHL-2-2	20(2)	550	480	1,030	Ø 32	82x142	Ø 21.7x545	130	119	9.4

แม่แรงไฮดรอลิคแบบมีน๊อตล็อคความสูง Jack With Mechanical Locking Function

- These hydraulic jacks can maintain position for long periods after minute level adjustment through a mechanical locking function.
- Suitable for maintaining position for long periods and vehicle outrigger use.

MH-5LS-1



Specs.	Capacity	Min. Height	Lifting Height	Extension Screw	Max. Height	Socket Dimensions	Base Dimensions	Operating Force	No. of Operations	Required Oil	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(N)		(cc)	(kg)
MH-5LS-1	50(5)	225	120	70	415	35x31.5	90x151	235	67	212	6.3
MH-10LS-1	100(10)	300	165	80	545	45x47	118x180	206	176	552	12.7
MH-20L-2	200(20)	310	160	-	470	Ø 52	128x182	323	103	487	14.1



แม่แรงไฮดรอลิค แบบยกบน-ยกข้าง

Hydraulic Toe Jacks With Spring Return



Suited for use in disaster prevention measures

- The toe of these jacks is positioned low and can be used with the smallest of openings.
- A toe return spring returns it to the lowest position by just opening the valve.
- A standard toe length type and a long toe type are available. These jacks are optimal for jacking-up buildings and machine tools, and for level adjustment.
- The handle socket rotates 180°, making operation whilst avoiding obstructions possible.
- They are also widely used in disaster prevention machinery, earthquake reconstruction, and for rental-lease equipment.



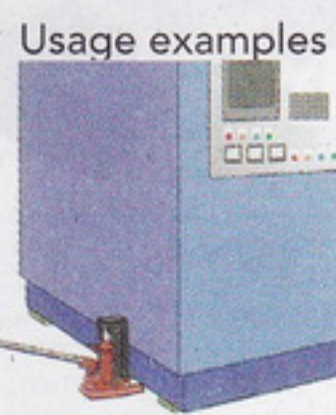
MHC-2RS-2



MHC-10RS-2



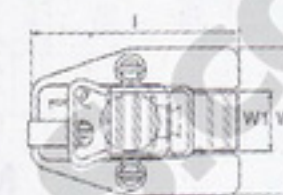
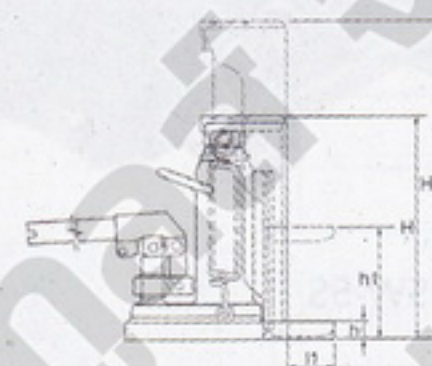
MHC-3SL-2



Usage examples



MHC-1.8V-2



Model	Specs.	Capacity		h	H	Lifting Height	h1	H1	w	l	w1	l1	Gross mass	Notes	
				Lowest position			Highest position		Base Dimensions		Toe dimensions				
		KN (ton)		(mm)			(mm)	(mm)		(mm)		(mm)			(kg)
		Toe	Head	Toe thickness	Head			Toe	Head	Width	Length				
MHC-2RS-2		20(2)	50(5)	19	243	113	132	356	160	227	65	50	13.2	Standard type	
MHC-5RS-2		50(5)	100(10)	22	290	120	142	410	182	262	75	57	19.1		
MHC-10RS-2		100(10)	200(20)	28	325	145	173	470	225	290	85	60	36.4		
MHC-1.5SL-2		15(1.5)	50(5)	22	245	113	135	358	160	257	65	80	14.9	Long toe type	
MHC-3SL-2		30(3)	100(10)	25	292	120	145	412	182	304	75	100	22.5		
MHC-6SL-2		60(6)	200(20)	28	324	145	173	469	225	330	90	100	37.0		
MHC-1.8V-2		18(1.8)	27(2.7)	16	235	113	129	348	125	178	50	50	7.9	Safety valve fitted	

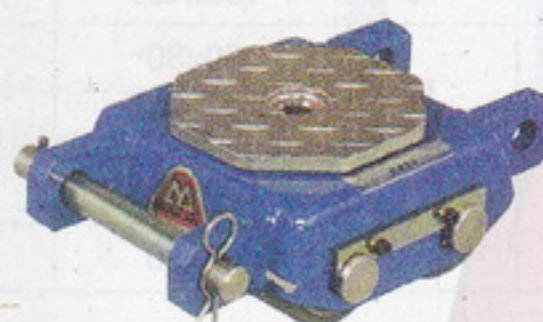
* Dedicated metal case available as an option.

ล้อเคลื่อนย้ายเครื่องจักรงานหมุนรอบตัว (ล้อยูรีเทน)

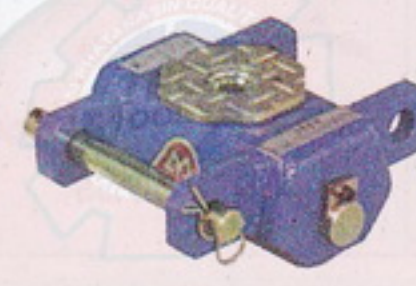
Freely Rotation Heavy Goods Transport Rollers (Urethane)

Urethane Roller Type

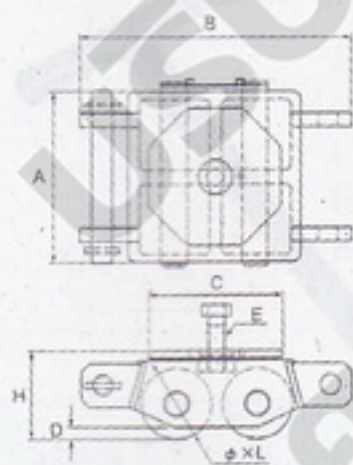
- These are rollers suited to transporting machine tools and heavy goods. Use in combination with toe jacks.
- Uses incredibly durable non-scratching wheels.
- Aluminium frame specification is available in 2-ton and 3-ton types. These are lighter and have a lower floor than the steel frame type.



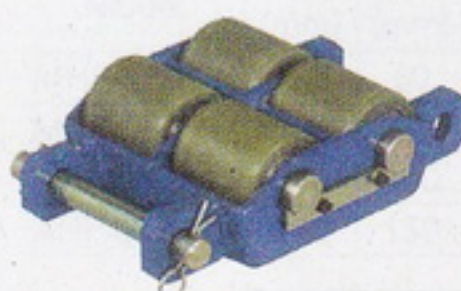
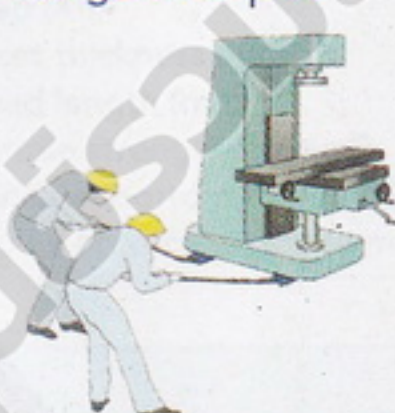
MUW-3S



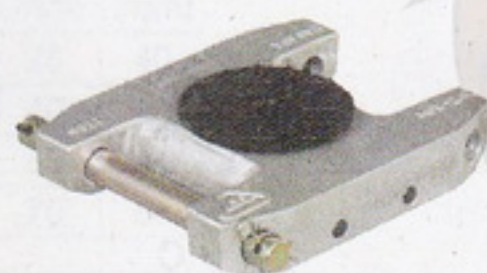
MUS-1.5S



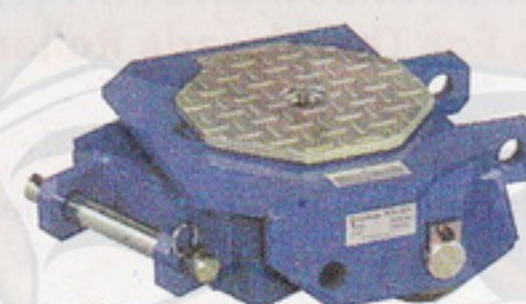
Usage examples



MUW-3S



MUW-2AL



MUB-3S

	Model	Specs.	Capacity (ton)	Ø x L Roller Dimensions (mm)	Rollers Number	Gross mass (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	Notes
		Model											
Steel body Urethane rollers	Single	MUS-1.5S	1.5	80X80	2	8.2	195	220	95X95	13	M20	105	Front wheels rotate 25°
		MUS-2.5S	2.5	100X125	2	15.5	285	245	115X115	24	M20	128	
	Double	MUW-2S	2	60X80	4	11	195	276	115X115	14	M20	80	
		MUW-3S	3	80X80	4	14.9	195	310	155X155	14	M20	105	
		MUW-5S	5	100X125	4	31	285	355	185X185	21	M20	128	
	Bogie	MUB-2S	2	80X80 50X73	2 2	18.6	250	327	155X155	10	M20	105	
Aluminum body Urethane rollers	Double	MUB-3S	3	100X125 60X80	2 2	27	291	362	185X185	13	M20	128	
		MUW-2AL	2	45X80	4	4.6	210	247	Ø 90	9.5	M16	62	Light weight, low floor
		MUW-3AL	3	60X80	4	8.2	222	299	Ø 130	8	M16	76	

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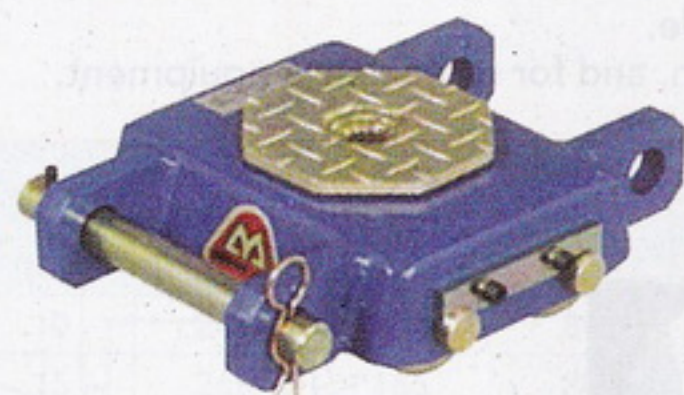
ล้อเคลื่อนย้ายเครื่องจักรงานหมุนรอบตัว (ล้อเหล็ก)

Freely Rotation Heavy Goods Transport Rollers (Steel)

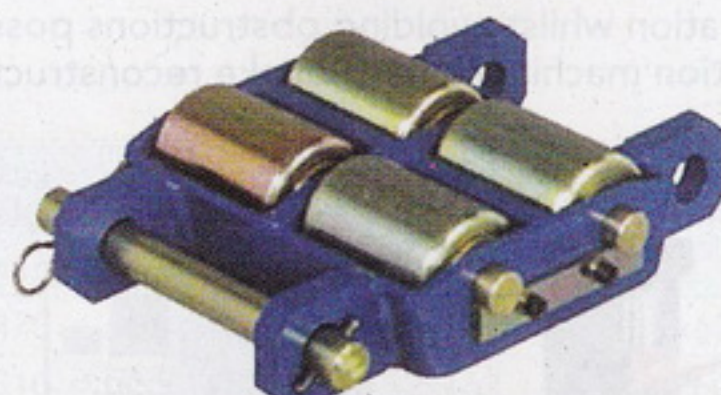


Steel Roller Type

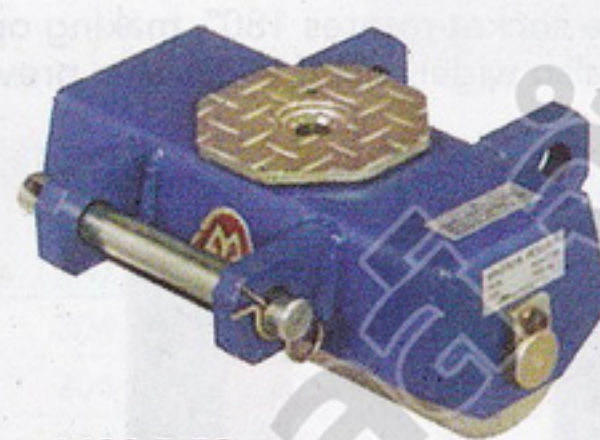
- These rollers are suited to ultra-heavy transportation.
- When selecting a roller, please choose a type according to the weight of the heavy goods and the floor condition.



MSW-5S



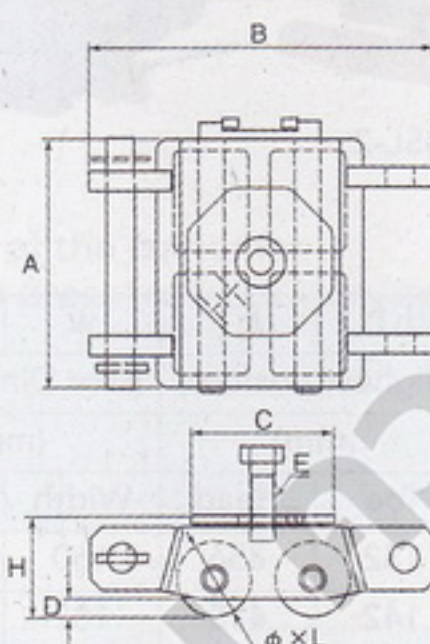
MSW-5S



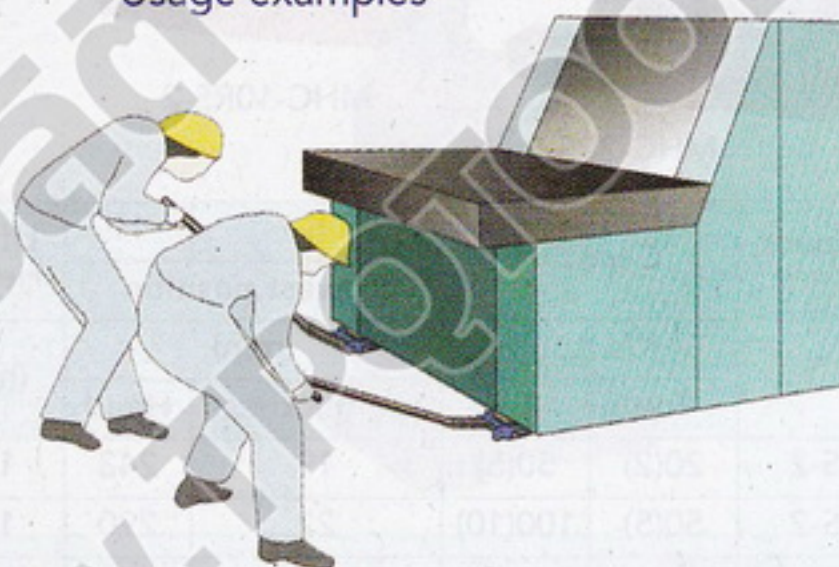
MSS-7.5S



MSB-7.5S



Usage examples



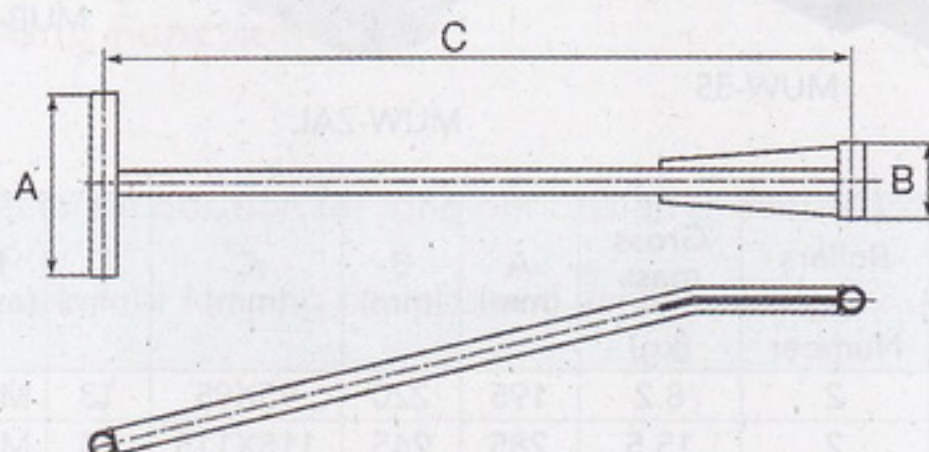
	Model	Specs.	Capacity (ton)	Ø x L Roller Dimensions (mm)	Rollers Number	Gross mass (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	Notes
		Model											
Steel body steel rollers	Single	MSS-5S	5	80x80	2	11	195	220	95x95	13	M20	105	Front wheels rotate 25°
		MSS-7.5S	7.5	100x125	2	20	285	245	115x115	24	M20	128	
	Double	MSW-5S	5	60x80	4	14	195	276	115x115	14	M20	80	
		MSW-7.5S	7.5	80x80	4	18.5	195	310	155x155	14	M20	105	
		MSW-10S	10	100x125	4	37	285	355	185x185	21	M20	128	
	Bogie	MSB-5S	5	80x80	2	22	250	327	155x155	10	M20	105	
				50x73	2								
		MSB-7.5S	7.5	100x125	2	36	291	362	185x185	13	M20	128	
				60x80	2								

ตามลากสำหรับล้อย้ายเครื่องจักร

Handle For The Masada Roller

Operating Handle

- Compatible with all of our rollers



Model	Specs.	Width (mm)		Length (mm)	Gross mass (kg)
		A	B		
M-1000		240	100	1,000	2.9

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แท่นอัดไฮดรอลิครุ่นเล็ก

Compact Hydraulic Press

- Widely used as a light-weight and compact correction press.
- Easy operation on a workbench possible.
- The hydraulic unit is available in manual/air/electric operated models to meet usage conditions.



MP1-WB
Manual pump



MP-850A
Air-operated pump



MUP-450H
Electric pump

Ram Cylinder

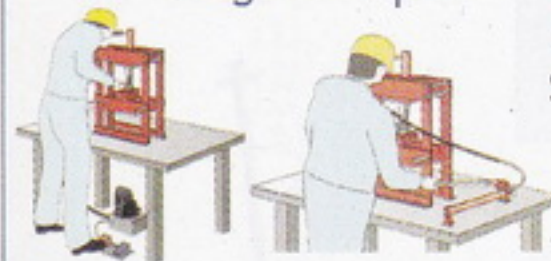
Model	Capacity (ton)	Stroke (mm)	Min. Total Length (mm)	Max. Total Length (mm)	External cylinder Diameter (mm)	Gross mass (kg)
MCA10-150	10	150	302	452	57	4.8

- Options
- V block
 - Pressure gauge



It is the same as V block attached to MHP-15

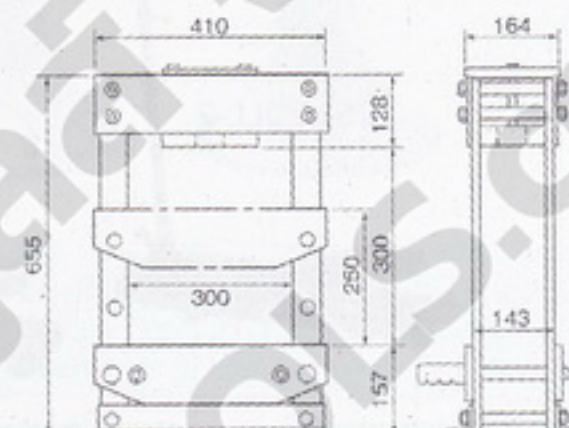
Usage examples



MTP-10FR
Shop Press



MCA10-150
Ram Cylinder



Model	Set Contents	Capacity	Stroke	Max. Working Pressure		Output		Outlet Diameter	Hose Length	Tank Capacity	Usable Oil	Gross mass
		ton	mm	Low Pressure	High Pressure	At Low Pressure	At High Pressure	Rc	m	cc	cc	kg
MTP-10HP	MTP-10FR+MP1-WB	10	150	2.5	90	14.1cc/pump	2.26cc/pump	Rc ³ / ₈	1.8	830	700	51
MTP-10AP	MTP-10FR+MP-850A *2			70		140cc/min		Rc ¹ / ₄	1.8	850	770	49
MTP-10EP-A/B *1	MTP-10FR+MUP-450H			7	70	2.5l/min	0.35l/min	Rc ³ / ₈	2.0	3,000	2,000	57.4

*1 A: Foot switch B: Push-button switch

*2 The operating air pressure of MTP-10AP is 0.9MPa.

แท่นอัดไฮดรอลิก

Manual Hydraulic Press

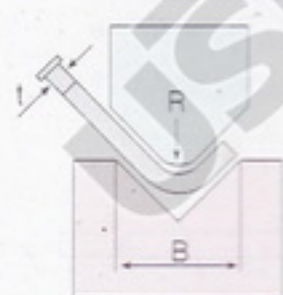
- These presses are suited to bearing installation, bush indentation, stress relief after welding, and the bending of steel plates, etc.
- They are widely used in sites such as general factories and vehicle servicing plants, and in construction machinery servicing.
- The MHP-15 is a certified tool for vehicle maintenance in Japan.

Features

- The pump lever rotates 90°.
- After use, the return spring brings the ram back to the start position.
- The main housing is open at both ends in consideration for working with long objects.

Bend calculation formula

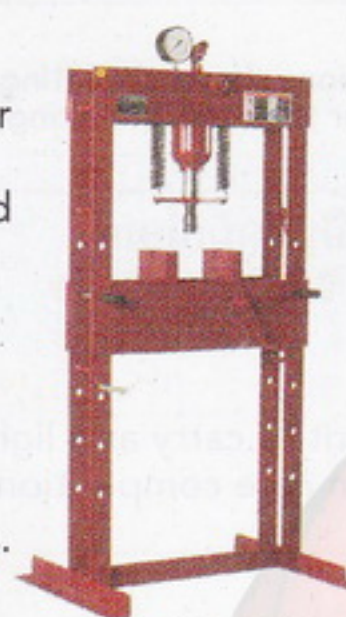
$$F = \frac{1.5 \times t^2 \times L \times ts}{B \times 1000} \quad (\text{when } t \geq Rt, B \geq 8t)$$



F = load (Kn)
t = sheet thickness (mm)
L = bend length (mm)
fs = tensile strength (N/mm²)
B = width of bottom tool (mm)
R = radius of force piston (mm)

Block attachment dimensions

Model	A (mm)	B (mm)	C (mm)	D (mm)
MHP-5	125	60	25	40
MHP-15,15E	166	90	40	40
AHP-35,35E	218	100	60	45
AHP-60,60E	290	150	70	65



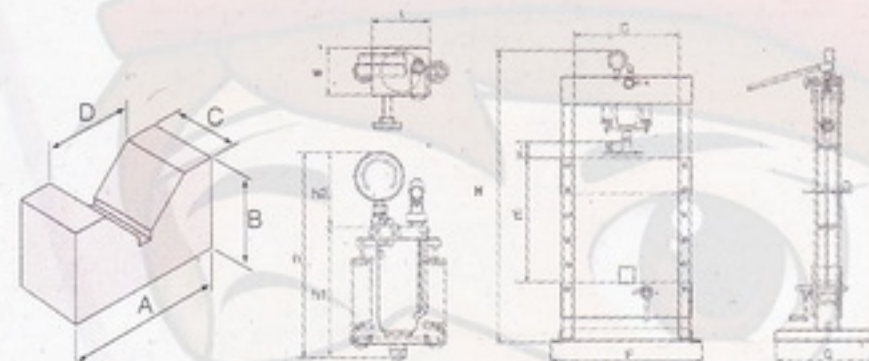
MHP-15



MHP-5



MHP-5J



Specs.	Capacity	Cylinder Dia.	Ram Stroke	Extension Screw	C Frame Clearance	D Table Clearance	E Vertical Movement	H Overall Height	F x G Base Area	Handle Dimensions	J Vertical Movement/Available Range	K Socket Dia.	Required Oil	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(cc)	(kg)
MHP-5	50(5)	45	150	80	560	104	520	1,320	760x600	Ø 21.7x490	120~640	Ø 33	540	78
MHP-15	50(15)	58	160	120	600	142	700	1,630	860x600	Ø 21.7x600	97~797	Ø 42	800	150

เฉพาะไฮดรอลิกไม่รวมแท่น PRESS JACK

Specs.	Capacity	Cylinder Dia.	Ram Stroke	Extension Screw	h1	h2	h	Base Dimensions l x w	Handle Dimensions	Socket Dia.	Required Oil	Gross mass
Model	KN (ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(cc)	(kg)
MHP-5J	50(5)	45	150	80	279	159	438	125x99	Ø 21.7x545	Ø 33	540	8.9
MHP-15J	150(15)	58	160	120	327	159	486	150x139	Ø21.7x605	Ø 42	800	15.4

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แม่แรงไฮดรอลิคยกกรก
Garage Jacks Manual Type



- These are high quality long selling products of a compact design.
- These jacks have become favourites in maintenance shops and gas stations throughout the world.



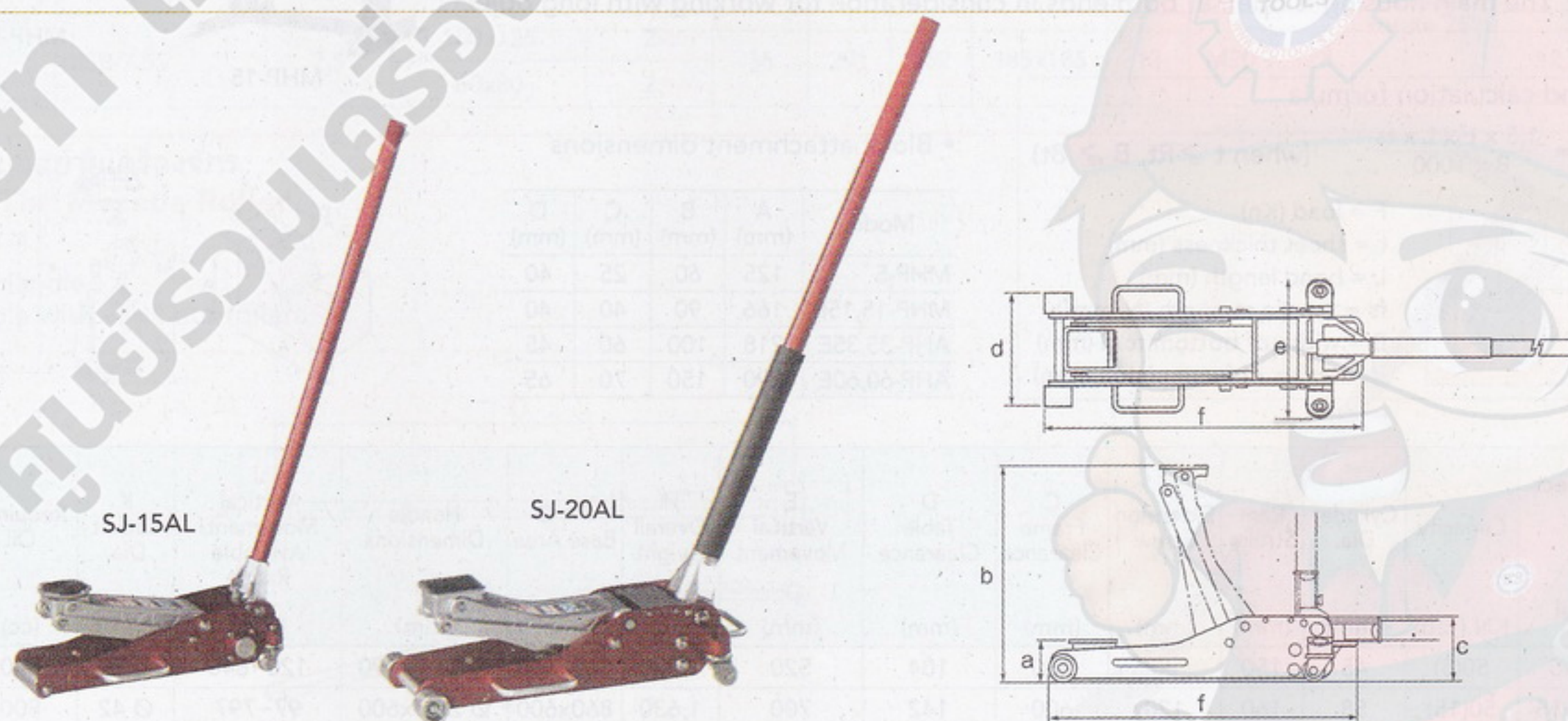
Specs. Model	Max. Usage Load (ton)	a Min. Socket Heigh (mm)	b Max. Socket Heigh (mm)	Stroke (mm)	c Frame Height (mm)	d Fixed Wheel Total Width (mm)	e Total Width (mm)	f Total Length (mm)	Handle Length (mm)	Gross mass (kg)	Required Oil (cc)	Notes	
SJ-15H-3	1.5	113	473	360	150	250	350	655	1,044	33	260		
SJ-20S-3	2	113	473	360	150	250	350	655	1,044	33	260		
SJ-20L-2	2	116	476	360	160	260	350	920	1,044	45	260		
SJ-20LL-2	2	98	508	410	120	282	380	961	940	57	350	Low floor	Pedal fixture
SJ-30H	3	126	606	480	190	244	325	1,310	1,070	65	400		Pedal fixture
SJ-30LL	3	98	613	515	135	274	361	1,367	1,070	80	440	Low floor	Pedal fixture
SJ-50H	5	150	560	410	200	285	365	1,415	1,070	85	310		Pedal fixture
SJ-100H	10	160	560	400	250	325	495	1,545	1,070	135	630		Pedal fixture

Max. Usage Load (Lifting Load)

The max. usage load in the specifications shows the lifting load when the socket is raised to a location half the lifting height. When the socket is at a location lower than half the lifting height, the max. usage load becomes smaller. (JIS standard)

แม่แรงไฮดรอลิคยกกรก (วัสดุเป็นอลูมิเนียม)
Aluminum Garage Jacks Manual Type

- These jacks are convenient to carry as a light-weight jack.
- Useful for offsite use or in race competitions, etc. due to their light Weight and compact size.



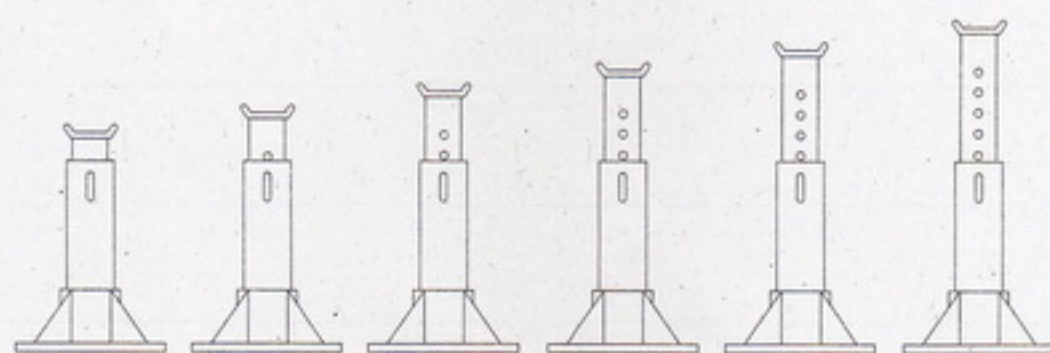
Specs. Model	Max. Usage Load (ton)	a Min. Socket Height (mm)	Stroke (mm)	b Max. Socket Height (mm)	c Frame Height (mm)	d Fixed Wheel Total Width (mm)	e Total Width (mm)	f Total Length (mm)	Handle Length (mm)	Gross mass (kg)
SJ-15AL	1.5	79	300	379	130	170	242	503	957	10.7
SJ-20AL	2	86	383	469	155	285	320	697	1,210	20.4



ขาตั้งรถยนต์ (วัสดุเป็นอลูมิเนียม)

Aluminum Ridgid Racks

- Used as light - weight rigid racks.
- Small size, light weight, and convenient to carry.
- Vehicles can be easily supported through using these racks together with the aluminium jack.



Specs.	Max. Usage Load	Min. Height	2-stage	3-stage	4-stage	5-stage	Max. Height	Socket	Gross mass
Model	(ton)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
MR-2AL	2	260	285	310	335	360	385	56x50	2.1

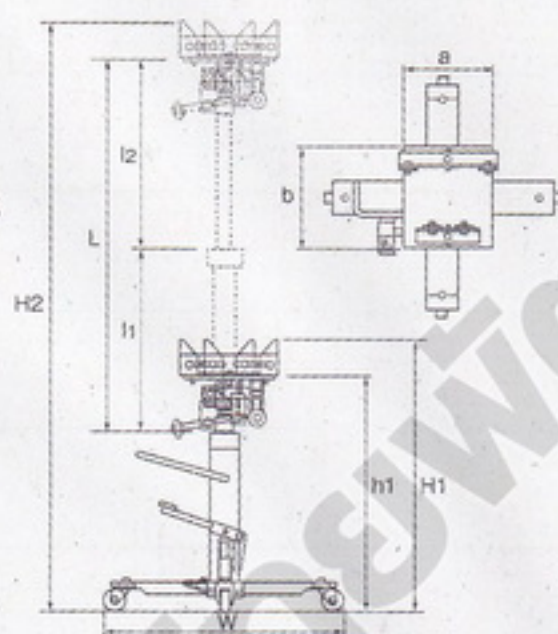
แม่แรงไฮดรอลิคยกเครื่องยนต์

Transmission Jack

- Used for transmission maintenance Work on light and ordinary passenger vehicles.
- The table plate can be inclined to 30° in the longitudinal direction and 15° in the lateral direction.
- Lifting and dropping can both be controlled by a step level, making it optimal for the loading and unloading of transmissions.



HTM-4S-3



Specs.	Max. Usage Load	H1 Total Height	L Total Lifting Height	I1 1st Step	I2 2nd Step	W Total Width	Gross mass
Model	kg	mm	mm	mm	mm	mm	kg
HTM-4S-3	450	1,013	920	435	485	845	63

	a x b Dimensions	h1 Min. Height	Total Lifting Height	H2 Max. Height	Forward Inclination	Rear Inclination	Left Inclination	Right Inclination
Table Plate	(mm)	(mm)	(mm)	(mm)				
	320x360	830	920	1,750	30°	15°	15°	15°

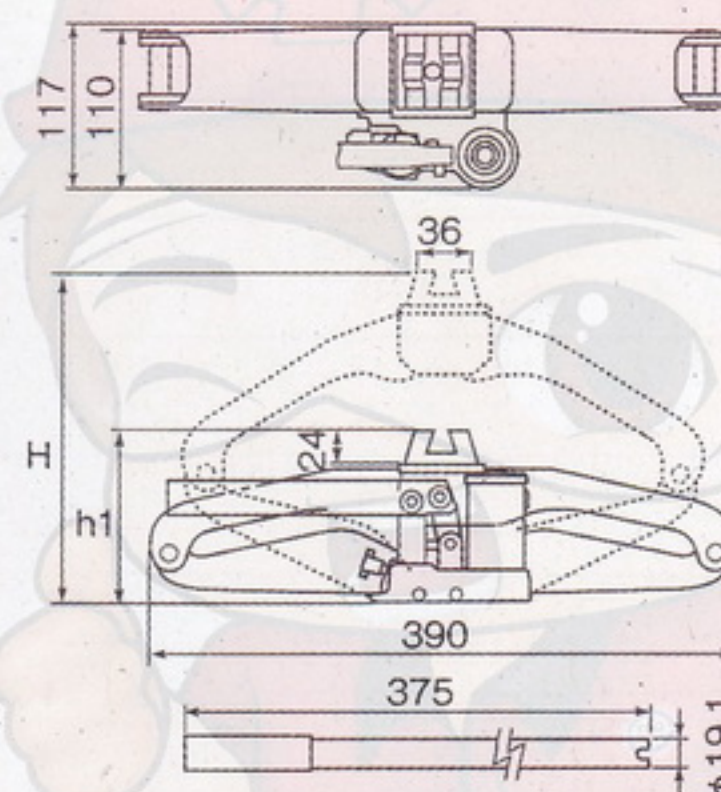
แม่แรงสะพานแบบไฮดรอลิค

Hydraulic Scissors Jacks with Plastic Case

- This is hydraulic Scissors jack useful tyre changes or attaching or removing chains.
- This is also used in race competitions.
- This jack is used by the JAF road service.



MSJ-850



Specs.	Max. Usage Load	h1 Min. Height	Lifting Height	H Max. Height	Handle Dimensions	Operating force	Gross mass
Model	(kg)	(mm)	(mm)	(mm)	(mm)	(N)	(kg)
MSJ-850	850	121	260	381	Ø19.1x375	274	5.9

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