

MASADA JACK

STANDARD & LOW PROFILE BOTTLE JACK

Most widely used in various fields such as machinery, construction, automotive industry, etc.
A full range of capacity from 2 to 100 ton.



STANDARD & LOW PROFILE BOTTLE JACK SPECIFICATIONS

Spec.		Capacity	Min. Height	Lift.	Extension Screw Height	Max. Height	Weight
Model		(ton)	(mm)	(mm)	(mm)	(mm)	(kg)
Standard type	MS-2S	2	150	85	50	285	2.1
	MS-2	2	180	115	50	345	2.3
	MS-3	3	190	115	60	365	2.6
	MN-4	4	190	115	70	375	4.0
	MS-5Y	5	200	120	70	390	3.5
	MH-5	5	200	120	70	390	4.5
	MH-7	7	200	120	70	390	5.5
	MH-10	10	240	150	80	470	8.0
	MH-15	15	265	165	80	510	10.8
	MH-20	20	270	160	-	430	13.2
	MH-30Y	30	280	160	-	440	18.7
	MH-30V ※	30	280	160	-	440	18.9
	MH-50Y ※	50	305	170	-	475	37.0
Low type	MH-100Y ※	100	305	145	-	450	93.0
	MHB-10	10	170	95	75	340	6.4
	MHB-15	15	170	90	70	330	8.1
	MHB-20	20	180	85	40	305	10.2
	MHB-30Y	30	180	80	-	260	13.5

※mark means with pump safety valve.

TWO STAGE-TELESCOPIC JACK

With long travel from low position.



TWO STAGE-TELESCOPIC JACK SPECIFICATIONS

Spec.		Capacity	Min. Height	Lift.	Extension Screw Height	Max. Height	Weight
Model		(ton)	(mm)	(mm)	(mm)	(mm)	(kg)
	NPD-1.5-5	1.5	170	205	-	375	2.8
	HPD-4I	4	150	160	30	340	4.4
	HFD-10-2	10	170	180	70	420	8.6
	HFD-15	15	170	180	70	420	13

MINI JACK

Super low profile small jack. convenient for delicate work such as fine adjusting or centering of heavy machinery.

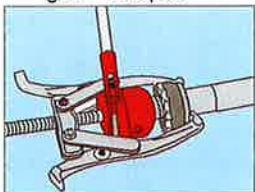


MINI JACK SPECIFICATIONS

Spec.		Capacity	Min. Height	Lift.	Max. Height	Weight
Model		(ton)	(mm)	(mm)	(mm)	(kg)
	MMJ-5C-2	5	60	20	80	1.9
	MMJ-5T-2	5	85	40	125	2.4
	MMJ-10	10	120	30	150	5.5
	MMJ-20	20	130	30	160	8.0
	MMJ-50Y	50	140	30	170	19.0

Note: Each height measured with flat adaptor.

The gear desorption work.

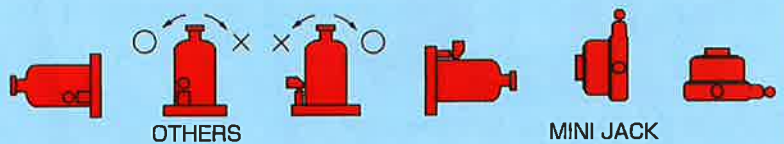


The spin finishing work.



All models work both in vertical and horizontal position

When used in horizontal position, pump must be in the position as illustrated here.
When you use horizontally, hydraulic stroke falls to about 50%.



MASADA SEISAKUSHO CO., LTD.
TOKYO JAPAN

SERVICE JACK(Manual type)

Used at automotive workshops and gas stations the world over.
All models are equipped with safety valve.

SJ-20S-3
2ton



SJ-20LL-2
2ton
Service Jack(manual type)
Easier operation by
installing foot-pedal



SJ-30H
3ton



SERVICE JACK(Air type)

Equipped with an air pump that increases working efficiency.
Easy operation by push-button, especially for use in narrow place.

ASJ-20ML
2ton

Service Jack,low profile
(available for air
and manual type)
Possible for lift 2 ton load
from min height.



ASJ-30ML
3ton

Service Jack,low profile
(available for air and manual type)
Possible for lift 3 ton load from
min height.



ASJ-18M-2S
1.8ton

Service Jack,low profile
(available for air and manual type)
Height can be adjusted by installing
adjustable screw which is the best to
avoid damage of lower part of a car.



■ Option (1.5ton~2ton)
With Nylon wheels.(Low-Noise)



■ Option (3ton,2ton)
Urethane wheels.(Low-Noise)



AIR HYDRAULIC TRUCK JACK

Compact but Powerful · Ideal for heavy duty truck and bus. Rubber wheels
for easy maneuverability.

ZATJ-22S-4
20ton



APJ-250
25ton



AIR HYDRALULIC PORTABLE JACK
Light weight and compact
design for easy portability.

ATJ-350
35ton



ATJ-200DL-2
20ton



SERVICE JACK SPECIFICATIONS

Spec.	Capacity	Min. Height	Lift.	Max. Height	Height of Frame	Weight	Remarks
Model	(ton)	(mm)	(mm)	(mm)	(mm)	(kg)	
SJ-15H-3	1.5	113	360	473	150	33	
SJ-20S-3	2	113	360	473	150	33	
SJ-20L-2	2	116	360	476	160	45	
SJ-20LL-2 with a pedal	2	98	410	508	120	57	Low profile
SJ-30H with a pedal	3	126	480	606	190	65	
SJ-30LL with a pedal	3	98	515	613	135	80	Low profile
SJ-50H with a pedal	5	150	410	560	200	85	
SJ-100H with a pedal	10	160	400	560	250	135	

AIR SERVICE JACK SPECIFICATIONS

Spec.	Capacity	Min. Height	Lift.	Max. Height	Height of Frame	Weight	Remarks
Model	(ton)	(mm)	(mm)	(mm)	(mm)	(kg)	
ASJ-18M-2S	1.8	104	505	609	120	61	Low profile
ASJ-20ML	2	98	410	508	120	59	Low profile
ASJ-30M with a pedal	3	126	480	606	190	75	
ASJ-30ML with a pedal	3	98	515	613	135	90	Low profile
ASJ-50M with a pedal	5	150	410	560	200	93	
ASJ-50ML with a pedal	5	115	410	525	150	102	Low profile
ASJ-80ML with a pedal	8	115	445	560	180	140	Low profile
ASJ-100M with a pedal	10	160	400	560	250	140	
※ASJ-150-2	15	175	475	650	230	235	

※Only for air operation

HYDRAULIC PANTAGRAPH JACK

●For tires replacement · for putting on and
taking off a chain.



MSJ-850
850kg

HYDRAULIC PANTAGRAPH JACK SPECIFICATIONS

Spec.	Capacity	Min. Height	Lift.	Max. Height	Weight
Model	(kg)	(mm)	(mm)	(mm)	(kg)
MSJ-850	850	121	260	381	5.9

AIR HYDRAULIC TRUCK JACK SPECIFICATIONS

Spec.	Capacity	Min. Height	Lift.	Extension Screw Height	Max. Height	Weight	Remarks
Model	(ton)	(mm)	(mm)	(mm)	(mm)	(kg)	
ZATJ-22S-4※	20	198	105	95	398	33	
ATJ-200DL-2	20	143	100	-	243	44	Low profile
ATJ-200	20	210	105	90	405	40	
ATJ-250	25	210	105	90	405	43	
ATJ-350	35	210	100	70	380	45	
ATJ-350L	35	170	80	50	300	43	Low profile
APJ-200-2※	20	210	120	105	435	14	
APJ-250※	25	230	120	105	455	18.5	

※The adapter of ZATJ-22S-4 and APJ-200,250 are option.
The small and big adapter are standard equipment for other ※mark.

HYDRAULIC PRESS

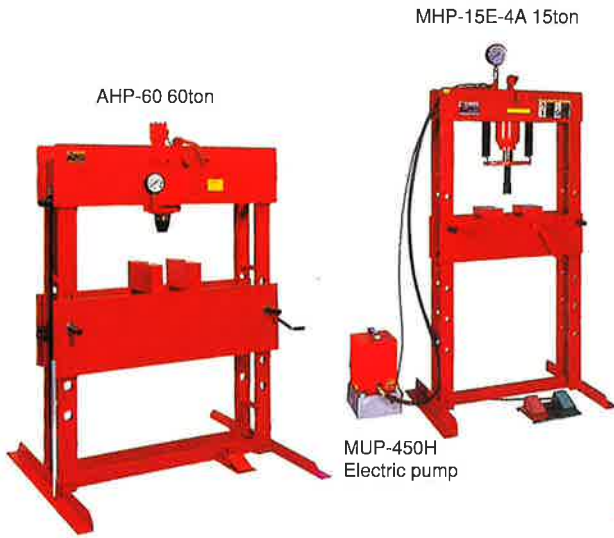
Widely used at machinery,automotive and industrial workshops for straightening, bending and pressing steel plates and shafts. Also for removing and installing bushes and bearings.

HYDRAULIC PRESS SPECIFICATIONS

Spec.	Capacity (ton)	Ram Stroke (mm)	Ram (1/pump)	Screw Stroke (mm)	Frame Clearance (mm)	Table Clearance (mm)	Table Movement (mm)	Overall Height (mm)	Base size (mm)	Weight (kg)
MHP-5	① 5	150	1.3	80	560	104	520	1338	760×600	78
MHP-15	① 15	160	0.76	120	600	142	700	1650	860×600	150
MHP-15E-4(A)(B)	③							1715		
AHP-35	② 35	140	0.28	100	610	185	750	1760	910×775	250
MHP-35E-4(A)(B)	③							1775		
AHP-60	② 60	150	0.17	150	1100	234	600	1920	1450×1090	800
MHP-60E-4(A)(B)	③							1770		

(A)=Foot switch
(B)=Push-button switch

① only for hand operation
② usable both as manual and air types
③ usable both as manual and electric operation



AHP-60 60ton

MHP-15E-4A 15ton

MUP-450H
Electric pump



MH-10LS-1
10ton

MH-20L
20ton

LOCKING TYPE JACK

Conveniently used for fine adjustment of heavy machinery and construction applications such as bridge building.

LOCKING TYPE JACK SPECIFICATIONS

Spec.	Capacity (ton)	Min. Height (mm)	Lift. (mm)	Extension Screw Height (mm)	Max. Height (mm)	Weight (kg)
MH-5LS-1	5	225	120	70	415	6.3
MH-10LS-1	10	300	165	80	545	13.0
MH-20L	20	310	160	-	470	15.3

LONG PROFILE JACK

Well suited for work with long travel, vertical/horizontal support, machinery rigging, etc.

LONG PROFILE JACK SPECIFICATIONS

Spec.	Capacity (ton)	Min. Height (mm)	Lift. (mm)	Extension Screw Height (mm)	Max. Height (mm)	Weight (kg)
MHL-2-2	2	550	480	-	1030	9.4



MHL-2-2
2ton



MH-10P
10ton

MH-20P
20ton

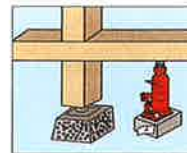
JACK WITH PRESSURE GAUGE FIXED

Equipped with pressure gauge working load and pressure can be confirmed at a glance. widely used for measuring heavy weight,destructive test work, etc.

JACK WITH PRESSURE GAUGE FIXED SPECIFICATIONS

Spec.	Capacity (ton)	Min. Height (mm)	Lift. (mm)	Extension Screw Height (mm)	Max. Height (mm)	Weight (kg)
MH-10P	10	240	150	80	470	9.9
MH-15P	15	265	165	80	510	12.8
MH-20P	20	270	160	-	430	14.3

■ Levelling



■ For press work



TRANSMISSION JACK

Low minimum height and large lift range enable easy loading and unloading of transaxle, transmission,etc. As a table plate can be lifted back & forth and right & left, positioning can be done easily and safely

※With stopper wheel



HTM-4S-3
450kg

FORK LIFT JACK

Designed with a low profile in order to raise fork lifts. Convenient for close quarter applications.



HFD-10F-2
10ton

TRANSMISSION JACK SPECIFICATION

Spec.	Capacity (kg)	Min. Height (mm)	Lift. (mm)	Max. Height (mm)	Saddle Tilt(degrees)			Base Size (mm)	Weight (kg)
					Forward	Back Ward	Side		
HTM-4S-3	450	830	920	1750	30	15	15	800×800	62

FORK LIFT JACK SPECIFICATIONS

Spec.	Capacity (ton)	Min. Height (mm)	Lift. (mm)	Max. Height (mm)	Weight (kg)
HFD-10F-2	10	120 Adapter+40 160	100	220 Adapter+40 260	8.2

MASADA JACK

TOE JACK

Ideal jack lifting loads with low minimum jacking clearances. Best suited for house moving, machinery installation and applications at shipyard, bridge building or plant construction site.

Slide rail type

※Non return spring type



MHC-1.2T MHC-2T MHC-3T



MHC-5T MHC-7.5T



MHC-10T MHC-15T

※With return spring type



MHC-2RS-2 2ton MHC-5RS-2 5ton

With pump safety valve



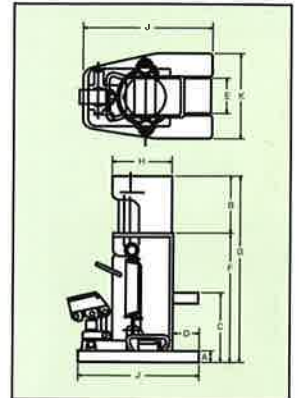
MHC-1.8V-2 1.8ton

Usage

- Installation machine
- Level adjustment of machine
- Jacking houses when moving
- Construction, engineering and bridge work
- As tool to prevent disaster/Lease out material
 - New 7types/Long toe 3types
 - Standard 3types/with pump safety valve 1 type

Features

- Rotating handle socket
- 180°-turn lever socket for operation at any direction
- The position of toe is so low that the jack can be applied in wider range
- Choosing height depending on ability to use



TOE JACK SPECIFICATIONS

Spec. Model	Capacity		Min. Height		Stroke	Max. Height		Base size		Toe size		Weight (kg)
	Toe (ton)	Head (ton)	Toe thick A (mm)	Head F (mm)	B (mm)	Toe C (mm)	Head G (mm)	Width K (mm)	Length J (mm)	Width E (mm)	Length D (mm)	
MHC-1.2T	1.2	3	12	205	105	117	310	140	195	65	50	7.0
MHC-2T	2	5	16	240	113	129	353	160	227	65	50	11.4
MHC-3T	3	7	19	236	110	129	346	160	238	65	50	12.9
MHC-5T	5	10	22	290	120	142	410	182	262	75	57	17.8
MHC-7.5T	7.5	15	25	307	140	165	447	225	290	85	60	31.3
MHC-10T	10	20	28	325	145	173	470	225	290	85	60	34.3
MHC-15T	15	30	32	345	140	172	485	258	321	110	60	51.5

TOE JACK SPECIFICATIONS

Spec. Model	Capacity (ton)		Toe (ton)				W×L	weight (kg)	
	Toe	Head	Height (mm)	Lift	Max. Height				
MHC-2RS-2	2	5	19	113	132	65×50	12.5	Standard type	
MHC-5RS-2	5	10	22	120	142	75×57	18.5		
MHC-10RS-2	10	20	28	145	173	85×60	35		
MHC-1.5SL-2	1.5	5	22	113	135	65×80	14.0	Long toe type	
MHC-3SL-2	3	10	25	120	145	75×100	21.5		
MHC-6SL-2	6	20	28	145	173	90×100	35.5	With pump safety valve	
MHC-1.8V-2	1.8	2.7	16	113	129	50×50	7.9		

MASADA ROLLER SPECIFICATIONS

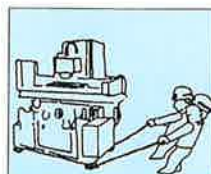
Spec. Model	Roller	Capacity (ton)	Height (mm)	Frame	weight (kg)	
Single type	MUS-1.5S	Urethan	1.5	105	Steel	8.2
	MUS-2.5S	Urethan	2.5	128	Steel	15.5
	MSS-5S	Steel	5	105	Steel	11
	MSS-7.5S	Steel	7.5	128	Steel	20
Double type	MUW-2S	Urethan	2	80	Steel	11
	MUW-3S	Urethan	3	105	Steel	14.9
	MUW-5S	Urethan	5	128	Steel	31
	MSW-5S	Steel	5	80	Steel	14
	MSW-7.5S	Steel	7.5	105	Steel	18.5
	MSW-10S	Steel	10	128	Steel	37
Bogie type	MUB-2S	Urethan	2	105	Steel	18.6
	MUB-3S	Urethan	3	128	Steel	27
	MSB-5S	Steel	5	105	Steel	22
	MSB-7.5S	Steel	7.5	128	Steel	36

※Option: Operation handle. (M-1000)

MASADA ROLLER for free transportaion of heavy goods.

Heavy loads such as machine tools can be moved safely and easily. More convenient if you used this roller Masada Toe Jack.

Single Type Double Type Bogie Type



Please refer to the another catalog for specification.

●Models Specifications are subject to change with/without notice.

F.N.

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