

HYDRAULIC

OJ POWER® Jacks E Series S-type (70MPa)



- E**s** type is spring return jack
- Use as tool furnished with setting screw to the bottom of jack
- Designed for compact size, light weight and easy-handling
- Load testing is 100% of lifting capacity, lateral load is 1/20 of lifting capacity
- Sliding part of piston is made of copper alloy with braze welding and piston rod is welded with hard chrome
- Material of cylinder and piston is SCM435, heat-treated and reinforced
- Connecting port thread is NPT3/8
- To prevent damaging piping and hoses, it is recommended to install valve to avoid sudden falling of load
- E50S10 and E50S16 are jacks with handle for spring return

Code No.	Model	Capacity (Ton)	Stroke (mm)	Closed Height (mm)	Weight (kg)
AQ01678	E5515	5	15	45	0.9
AQ01679	E5516	5	25	97	1
AQ01680	E5575	5	75	157	1.5
AQ01681	E55127	5	127	214	2
AQ01682	E5518	5	180	267	2.4
AQ01683	E10525	10	25	90	1.6
AQ01684	E1055	10	50	125	2.1
AQ01685	E10510	10	100	178	2.8
AQ01686	E10515	10	150	250	4.1
AQ01687	E10520	10	200	300	4.7
AQ01688	E10525	10	250	352	5.5
AQ01689	E10530	10	300	407	6.3
AQ01690	E15525	15	25	110	2.7
AQ01691	E1555	15	50	140	3.3
AQ01692	E15510	15	100	190	4.3
AQ01693	E15515	15	150	260	5.8
AQ01694	E15520	15	200	310	7
AQ01695	E15525	15	250	365	8
AQ01696	E15530	15	300	420	9
AQ01697	E23525	23	25	472	10
AQ01698	E2355	23	50	116	5
AQ01699	E23510	23	100	150	6
AQ01700	E23516	23	160	202	7.5
AQ01701	E23521	23	210	277	10
AQ01702	E23525	23	250	330	12
AQ01703	E23530	23	300	376	13.5
AQ01704	E235345	23	345	428	15
AQ01705	E305125	30	125	477	16.5
AQ01706	E30520	30	200	245	13
AQ01707	E5055	50	50	325	7
AQ01708	E50510	50	160	170	15
AQ01709	E50516	50	160	220	19
AQ01710	E50532	50	320	285	24
AQ01711	E70515	70	150	460	37
AQ01712	E70533	70	330	285	32
AQ01713	E100510	100	160	490	52
AQ01715	E100520	100	200	375	64

OJ POWER® Low Profile Jack - EL Series



- Each five models of EL have been standardized
- Since jack heights are low, it is applicable to lift at narrow space and to use fine adjustment of machinery
- Load test is 100% of lifting capacity
- Thread of coupler screw is of NPT3/8
- Apply load overall to head and base

Code No.	Model	Capacity (Ton)	Stroke (mm)	Closed Height (mm)	Weight (kg)
AQ01716	EL10535	10	35	86	2.4
AQ01717	EL20545	20	45	100	3.8
AQ01718	EL3056	30	60	120	6
AQ01719	EL5056	50	60	122	10.5
AQ01720	EL100555	100	55	141	22
AQ01721	EF10511	10	11	43	1.4
AQ01722	EF20515	20	15	60	3
AQ01723	EF30515	30	15	60	3
AQ01724	EF50515	50	15	70	8.6
AQ01725	EF100515	100	15	91	16

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OSAKA JACK®

HYDRAULIC

OJ POWER® Jacks E Series H-type (70MPa)



- E**H** is hydraulic return.
- Choose hydraulic pump considering number of jacks connected and required oil volume of jack shown below.
- Valve to prevent load falling is recommended just in case of damaging hose or piping (optional item).
- Use of safety valve is recommendable to avoid stopping return circuit of hydraulic jack (optional item).
- E30H20, E30H35 and E50H15 are equipped with handle knob.

Code No.	Model	Pushing Capacity (TF)	Pulling Capacity (TF)	Stroke (mm)	Closed Height (mm)	Weight (kg)
AQ01726	E5H3	5	2.2	30	168	2.5
AQ01727	E5H8	5	2.2	80	218	3.3
AQ01728	E5H15	5	2.2	150	288	4.4
AQ01729	E10H3	10	4.5	30	183	4
AQ01730	E10H8	10	4.5	80	233	5
AQ01731	E10H15	10	4.5	150	303	6.7
AQ01732	E10H25	10	4.5	250	403	9
AQ01733	E20H5	20	10	50	205	7
AQ01734	E20H15	20	10	150	320	11
AQ01735	E20H25	20	10	250	420	14
AQ01736	E30H20	30	14	200	355	19
AQ01737	E30H35	30	14	350	510	27
AQ01738	E50H15	50	22	150	325	27
AQ01739	E50H35	50	22	350	525	42
AQ01740	E50H50	50	22	500	685	52
AQ01741	E70H15	70	33	150	335	37
AQ01742	E70H35	70	33	350	540	56
AQ01743	E100H5	100	45	50	265	49
AQ01744	E100H15	100	45	150	365	64
AQ01745	E100H35	100	45	350	565	94
AQ01746	E100H50	100	45	500	725	118
AQ01747	E200H15	200	90	150	410	137
AQ01748	E200H35	200	90	350	620	198
AQ01749	E200H50	200	90	500	780	244

Hydraulic Pump - Motorised



Code No.	Model	Usable Oil Volume (L)	High Working Pressure (PSI)	Low Working Pressure (PSI)	High Output Volume (l/min)	Low Output Volume (l/min)	kW
AQ01750	AH7-5-DS	70.0	10,440	1,015	4.5/3.7	34.0/28.0	5.5
AQ01751	AH7-5-LS	70.0	10,440	1,015	4.5/3.7	34.0/28.0	5.5
AQ01752	AH7-5-KS	70.0	10,440	1,015	4.5/3.7	34.0/28.0	5.5
AQ01753	AH10-DS	100.0	10,440	1,015	6.0/5.0	48.0/40.0	7.5
AQ01754	AH10-LS	100.0	10,440	1,015	6.0/5.0	48.0/40.0	7.5
AQ01755	AH10-KS	100.0	10,440	1,015	6.0/5.0	48.0/40.0	7.5
AQ01756	AH20-DS	200.0	10,440	1,015	12.0/10.0	80.0/66.0	15.0
AQ01757	AH20-LS	200.0	10,440	1,015	12.0/10.0	80.0/66.0	15.0
AQ01758	AH20-KS	200.0	10,440	1,015	12.0/10.0	80.0/66.0	15.0

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Journal Jacks



Code No.	Type	Items	Capacity (tf)	Stroke (mm)	Closed Height (mm)	Head Diameter (mm)	Base Diameter (mm)	Length of Traverse (mm)	Weight Approx (kg)	Handle Bar (Ø x mm)
AQ00148	Low Lift	JJ-1513	15	125	255	63	113		12	Ø25 x 600
AQ00149		JJ-2513	25	125	255	77	127		16	Ø25 x 700
AQ00150		JJ-3513	35	130	280	87	147		24	Ø32 x 700
AQ00151		JJ-5013	50	130	290	105	166		31	Ø32 x 800
AQ00152		JJ-10011	100	105	310	127	235		75	Ø32 x 1500
AQ00263	Medium Lift	JJ-1015	10	150	280	65	108		12	Ø25 x 600
AQ00264		JJ-2525	25	250	395	77	127		21	Ø25 x 700
AQ00265		JJ-3020	30	200	350	95	148		26	Ø32 x 700
AQ00266		JJ-3525	35	250	410	87	147		32	Ø32 x 700
AQ00267		JJ-5025	50	250	445	105	166		43	Ø32 x 800
AQ00268	High Lift	JJ-2533	25	330	485	77	127		25	Ø25 x 700
AQ00269		JJ-3535	35	350	535	87	147		38	Ø32 x 700
AQ00270		JJ-5035	50	350	555	105	166		49	Ø32 x 800
AQ00271	With Traversing Bed	TJ-1513	15	125	340	63		300	32	Ø25 x 600
AQ00272		TJ-2525	25	250	485	77		300	45	Ø25 x 700
AQ00273		TJ-2533	25	330	575	77		450	56	Ø25 x 700
AQ00274		TJ-3020	30	200	447	95		300	60	Ø32 x 700
AQ00275		TJ-3525	35	250	507	87		300	65	Ø32 x 700
AQ00276		TJ-3535	35	350	632	87		450	76	Ø32 x 700
AQ00277		TJ-5025	50	250	553	105		300	87	Ø32 x 800
AQ00278		TJ-5035	50	350	683	105		450	115	Ø32 x 800

Features:

1. Bearing ...Special construction by "OJ", longer life, smooth horizontal advance.
2. Screw ...Chrome-molybdenum steel, rigidly designed with a special screw to withstand excessive loads.
3. Bevel gear pinion ...Precision forging of shifted tooth form, strong and excellent interlocking.

Ratchet Handle:

1. The interlocking between wheel and plunger is the application of the wedge principle, enabling to obtain strong rotation.
2. Material used is nickel-chrome steel, assuring longer life.
3. Easy and smooth operation by Ratchet mechanism.

Worm Gear Jack

PR Type



AQ01903

WJ Type



AQ01904

Worm gear jack is an auxiliary machine installed to machinery or equipment. It creates a big force when a small input of force is applied to lift heavy loads, size adjustment or synchronization of materials.

The structure of worm gear jack is simple comprising of worm gear and screw. When the worm wheel turns, it transmits thrust to turn the worm.

Available worm gear jacks range from 1 ton to 100 tons.

Main applications:

- Opening and closing device for door or valve
- Travelling device for medical, measuring equipment, cart or heavy machinery
- Lifting device
- Loading device
- Level and size adjustment device
- Precision traveling device
- Reversal device

Contact sales representatives for more details on specifications.

Journal Jacks

AQ00884



Code No.	Model No.	Lift Type	Capacity (Tons)	Stroke (mm)	Closed Height (mm)
AQ00884	KQL 3.2	Medium	3.2	110	220
AQ00885	KQL 5	Medium	5	130	250
AQ00886	KQL 8	Medium	8	140	260
AQ00887	KQH 10	Medium	10	150	280
AQ00888	KQL 10	Low	10	80	192
AQ00889	KQL 16	Low	16	180	225
AQ00890	KQH 20	Medium	20	180	325
AQ00891	KQL 25	Low	25	125	262
AQ00892	KQH 32	Medium	32	200	395
AQ00893	KQL 32	Low	32	180	320
AQ00894	KQH 50	Medium	50	250	452
AQ01665	KQL 50	Low	50	130	290
AQ00895	KQL 100	Medium	100	200	412

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