

Water Pressure Hand Operated Pump



The OJ-TWAS water pressure hand operated pumps are designed for use with Osaka Jacks precision manufactured range of water operated Jacks & Cylinders. This unit is manufactured from 316 stainless steel material and is solely pressurized by normal distilled water. This system has been specially designed by Osaka Jack for many situations where hydraulic oil could be a safety problem with works in the industrial and mining sectors.

Now with this system using water instead of hydraulic fluid there is no risk of a fire or explosive situation thus protecting the operator and surrounding infrastructure against any fire related injury and damage due to its OH&S compliant design.

All Osaka Jack products and equipment are designed and precision manufactured in Japan to the highest of international standards.

Model No.	Usable Oil Vol.	Working Pressure MPa		Oil Delivery (Stroke)		Weight (approx.)
		High	Low	High	Low	
OJ-TWAS	0.7	72	1	2	11	5.8Kg

**ENVIRONMENTALLY FRIENDLY WITHOUT
SACRIFICING PERFORMANCE & DURABILITY**



All Osaka Jack water operated jacks and pumps are ideally used in the pharmaceutical, medical and food manufacturing industries as the pumps are primarily clean and environmentally friendly. Due to the compact and portable design of these pumps & cylinders, these units can be used with ease for on-site applications and are OH&S compliant.

Model	OJ-SA10S5	OJ-SA10S10	OJ-SA22S5	OJ-SA22S10	OJ-SA50S5
Capacity	100kN (10Ton)	100kN (10Ton)	220kN (22Ton)	220kN (22Ton)	500kn (50Ton)
Stroke	50mm	100mm	50mm	100mm	50mm
Rod Dia.	38mm	38mm	53mm	53mm	85mm
Cylinder Bore Dia.	43mm	43mm	63mm	63mm	95mm
Cylinder Outer Dia.	60mm	60mm	86mm	86mm	130mm
Closed Height	142mm	197mm	155mm	210mm	175mm
Weight (approx.)	2.5Kgs	3.4Kgs	5.9Kgs	7.7Kgs	17Kgs

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