

ww-WH & WHE

700 Bar Handpumps

ISO9001 : 2008 | Made in Eichstätt / Germany

Max. Operation pressure 700 Bar
Two speed, two piston, variable flow
Max. Security with pressure relief valve
Standard 1000 bar 63 mm manometer
Aluminium body, 9 different model
External pressure adjustment between 50~700 Bar
Double acting option with the use of WV-4/3 valve

All Werner Weitner hydraulic hand pump's tanks and heads are manufactured from high quality aluminium. Pump pistons are made from quality steel and hardened twice. Pump lever could be locked by a ratchet and could be used as handle. Except WHE series, all WH series of hand pumps are supplied with a standard 63 mm 1000 bar manometer which is mounted on the pumps body. Two - speed pressure could be built up. Steel pistons are hardened twice. 1000 bar 63 mm standard pressure gauge attached on the pump body. For the security conditions all hand pumps are equipped with a pressure relief valve to prevent overloading. Both at first stage (low pressure-20 bar) and second stage (high pressure 700 bar) valves discharge the exceeding oil to the tank. Pressure values of pumps can be adjusted externally between 50~700 bar. All Weitner hydraulic pumps could be used as double acting with the use of WV-4/3 valve.



WH-1
353x150x171 mm



WH-3 / WH-30
588x106x171 mm



WH-100
588x186x171 mm



New
WHE serie



WH-2
564x150x171 mm



WH-4 / WH-40
588x186x171 mm

Technical Data

Hydraulic hand pumps	WHE-1	WHE-2	WH-1	WH-2	WH-3	WH-4	WH-30	WH-40	WH-100
Reservoir capacity	0.7 Lt	1,3 Lt	0.7 Lt	1,3 Lt	2,5 Lt	4,9 Lt	2,5 Lt	3,9 Lt	15 Lt
Usable oil	0,5 Lt	0,9 Lt	0,5 Lt	0,9 Lt	1,8 Lt	3,8 Lt	1,8 Lt	3,8 Lt	11 Lt
Pump type	1 speed	1 speed	2 speed	2 speed	2 speed	2 speed	2 speed	2 speed	2 speed
Oil displacement / (Low pressure)	0,2 cm³	0,2 cm³	7 cm³	17 cm³	17 cm³	17 cm³	40 cm³	40 cm³	40 cm³
Per stroke (High pressure)	0,2 cm³	0,2 cm³	0,9 cm³	1,7 cm³	1,7 cm³	1,7 cm³	3 cm³	3 cm³	3 cm³
Max.handle effort (at 700 bar)	46 kg	31 kg	35 kg	47 kg	47 kg	47 kg	41 kg	41 kg	41 kg
Piston stroke	24 mm	24 mm	23 mm	23 mm	23 mm	23 mm	27 mm	27 mm	27 mm
Pressure rating (1./2.stage)	700	700	20 / 700	20 / 700	20 / 700	20 / 700	40 / 700	40 / 700	40 / 700
Piston diameter	10mm	10mm	20 / 07 mm	32 / 10 mm	32 / 10 mm	32 / 10 mm	42 / 12 mm	42 / 12 mm	42 / 12 mm
Connection thread	3/8 NPT	3/8 NPT	3/8 NPT	3/8 NPT	3/8 NPT	3/8 NPT	3/8 NPT	3/8 NPT	3/8 NPT
Manometer	No	No	Yes	Yes	Yes	Yes	Yes	Yes	yes
Weight	4,3 kg	5,3 kg	4,3 kg	5,3 kg	7,5 kg	10,5 kg	8 kg	11 kg	21,5 kg

Different pressure settings and Tank sizes are available on request.



WV 4/3



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HYDRAULIC PRODUCTS