



FLANGE TOOL INNOVATION

## PRODUCT DATA SHEET

HP350S  
HP550S  
HP1000S

HYDRAULIC SINGLE-PORT  
SEALED HAND-PUMP

MAX PRESSURE RATING:

1st Stage: 13.8 bar (197 psi)

2nd Stage: 700 bar (10 000 psi)

### TOOL DESCRIPTION

The Hydraulic Single-Port Hand-Pump range is tailored for use with Equalizer International hydraulic equipment. Its output is regulated to 700 bar (10 000 psi) and is delivered from a single threaded 3/8" NPT output port. The pumps can be used with any 700 bar (10 000 psi) rated hydraulic equipment within their oil capacity specification. The diaphragm oil-reservoir design means that, unlike conventional units, the hand-pumps are operable at all angles and are highly resistant to accidental spillage of hydraulic fluid. For further details please request or download an instruction manual.

	STAGE	HP350S	HP550S	HP1000S
<b>PUMP TYPE</b>		TWO SPEED	TWO SPEED	TWO SPEED
<b>PRESSURE RATING</b>	1st	13.8 bar (197 psi)	13.8 bar (197 psi)	13.8 bar (197 psi)
	2nd	700 bar (10 000 psi)	700 bar (10 000 psi)	700 bar (10 000 psi)
<b>NOMINAL OIL CAPACITY</b>		350 cc (21.4 in <sup>3</sup> )	550 cc (33.6 in <sup>3</sup> )	1000 cc (61.0 in <sup>3</sup> )
<b>USABLE OIL CAPACITY</b>		300 cc (18.3 in <sup>3</sup> )	580 cc (35.4 in <sup>3</sup> )	1110 cc (67.7 in <sup>3</sup> )
<b>OIL VOLUME PER STROKE</b>	1st	3.62 cc (0.221 in <sup>3</sup> )	3.62 cc (0.221 in <sup>3</sup> )	3.62 cc (0.221 in <sup>3</sup> )
	2nd	0.77 cc (0.047 in <sup>3</sup> )	0.77 cc (0.047 in <sup>3</sup> )	0.77 cc (0.047 in <sup>3</sup> )
<b>MAX HANDLE EFFORT</b>		33 kgf (72.75 lbf)	25 kgf (55.12 lbf)	21 kgf (46.30 lbf)
<b>PISTON STROKE</b>		18 mm (0.71")	18 mm (0.71")	18 mm (0.71")



## HP350S | HP550S | HP1000S

HYDRAULIC SINGLE-PORT SEALED HAND-PUMP



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### KIT COMPONENTS

#### HP350S

1 x HP350S Pump Unit  
1 x 700 bar (10 000 psi) Gauge  
1 x 3/8" Port Gauge Adaptor  
1 x Instruction Manual  
1 x Cardboard Packaging

Packaging Dimensions:  
250 mm x 180 mm x 600 mm  
(9.84" x 7.09" x 23.62")

Product Code: HP350SMIN

#### HP550S

1 x HP550S Pump Unit  
1 x 700 bar (10 000 psi) Gauge  
1 x 3/8" Port Gauge Adaptor  
1 x Instruction Manual  
1 x Cardboard Packaging

Packaging Dimensions:  
250 mm x 180 mm x 700 mm  
(9.84" x 7.09" x 27.56")

Product Code: HP550SMIN

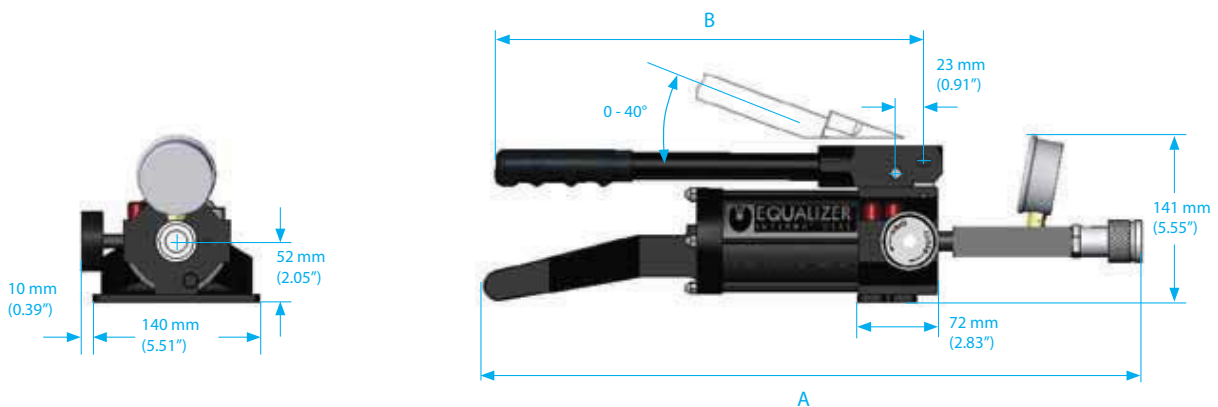
#### HP1000S

1 x HP1000S Pump Unit  
1 x 700 bar (10 000 psi) Gauge  
1 x 3/8" Port Gauge Adaptor  
1 x Instruction Manual  
1 x Cardboard Packaging

Packaging Dimensions:  
250 mm x 180 mm x 900 mm  
(9.84" x 7.09" x 35.43")

Product Code: HP1000SMIN

### WEIGHTS AND DIMENSIONS



	HP350S	HP550S	HP1000S
<b>OVERALL LENGTH (A)</b>	554 mm (21.81")	643 mm (25.31")	867 mm (34.13")
<b>HANDLE LENGTH (B)</b>	360 mm (14.17")	490 mm (19.29")	537 mm (21.14")
<b>PUMP WEIGHT</b>	4.4 kg (9.7 lb)	5.1 kg (11.2 lb)	6.1 kg (13.5 lb)
<b>GROSS KIT WEIGHT</b>	4.9 kg (10.8 lb)	5.9 kg (13.0 lb)	7.1 kg (15.7 lb)