



FLANGE TOOL INNOVATION

PRODUCT DATA SHEET

HP350SD
HP550SD
HP1000SD

HYDRAULIC DOUBLE-ACTING SEALED HAND-PUMP

MAX PRESSURE RATING:

1st Stage: 13.8bar (197psi)

2nd Stage: 700bar (10,000psi)

TOOL DESCRIPTION

The Hydraulic Double-Acting Hand-Pump range has an output regulated to 700 bar (10,000psi) delivered from a pair of output ports, each threaded 3/8" NPT. The pumps can be used with any 700bar (10,000psi) rated double-acting 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	HP350SD	HP550SD	HP1000SD
PUMP TYPE		TWO SPEED	TWO SPEED	TWO SPEED
PRESSURE RATING	1st	13.8bar (197psi)	13.8bar (197psi)	13.8bar (197psi)
	2nd	700bar (10,000psi)	700bar (10,000psi)	700bar (10,000psi)
NOMINAL OIL CAPACITY		350cc (21.4in ³)	550cc (33.6in ³)	1000cc (61.0in ³)
USABLE OIL CAPACITY		300.0cc (18.3in ³)	580.0cc (35.4in ³)	1110.0cc (67.7in ³)
OIL VOLUME PER STROKE	1st	3.62cc (0.221in ³)	3.62cc (0.221in ³)	3.62cc (0.221in ³)
	2nd	0.77cc (0.046in ³)	0.77cc (0.046in ³)	0.77cc (0.046in ³)
MAX HANDLE EFFORT		33kgf (72.75lbf)	25kgf (55.12lbf)	21kgf (46.30lbf)
PISTON STROKE		18.0mm (0.71")	18.0mm (0.71")	18.0mm (0.71")



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KIT COMPONENTS

HP350SD

- 1 x HP350D Pump Unit
- 1 x 0-1000 bar (0-15,000 psi) Gauge
- 1x 3/8" Port Gauge Adaptor
- 1 x Instruction Manual
- 1 x Cardboard Packaging

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

Product Code: HP350SDMIN

HP550SD

- 1 x HP550D Pump Unit
- 1 x 0-1000 bar (0-15,000 psi) Gauge
- 1 x 3/8" Port Gauge Adaptor
- 1 x Instruction Manual
- 1 x Cardboard Packaging

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

Product Code: HP550SDMIN

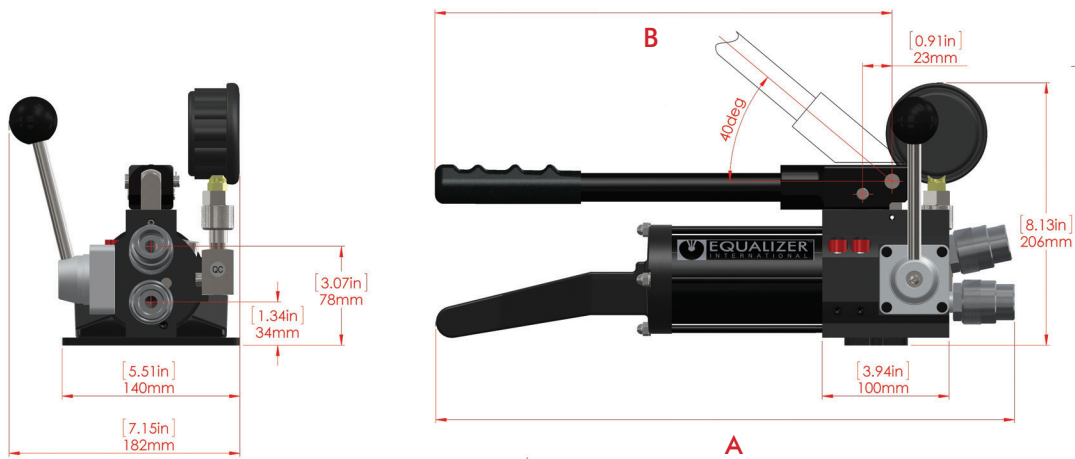
HP1000SD

- 1 x HP1000D Pump Unit
- 1 x 0-1000 bar (0-15,000 psi) Gauge
- 1 x 3/8" Port Gauge Adaptor
- 1 x Instruction Manual
- 1 x Cardboard Packaging

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

Product Code: HP1000SDMIN

WEIGHTS AND DIMENSIONS



	HP350SD	HP550SD	HP1000SD
OVERALL LENGTH (A)	456.0mm (17.95")	454.0mm (17.87")	769.0mm (30.28")
HANDLE LENGTH (B)	360.0mm (14.17")	490.0mm (19.29")	537.0mm (21.14")
PUMP WEIGHT	5.0kg (11.0lb)	5.6kg (12.3lb)	6.7kg (14.8lb)
GROSS KIT WEIGHT	5.5kg (12.1lb)	6.1kg (13.4lb)	7.2kg (15.9lb)