



FLANGE TOOL INNOVATION

PRODUCT DATA SHEET



HP350D
HP550D
HP1000D

HYDRAULIC TWIN-PORT SEALED HAND-PUMP

MAX PRESSURE RATING:

1st Stage: 13.8bar (197psi)

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

TOOL DESCRIPTION

The Hydraulic Twin-Port Hand-Pump range is tailored for use with Equalizer International hydraulic equipment. Its output is regulated to 700 bar (10,000psi) and is delivered from a pair of output ports, each threaded 3/8" NPT. The pumps can be used with any 700bar (10,000psi) 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 | HP350D | HP550D | HP1000D |
|------------------------------|-------|--------------------------------|--------------------------------|---------------------------------|
| 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") |



info@equalizerinternational.com
www.equalizerinternational.com

HP350D | HP550D | HP1000D

HYDRAULIC TWIN-PORT SEALED HAND-PUMP



FLANGE TOOL INNOVATION

KIT COMPONENTS

HP350D

- 1 x HP350D Pump Unit
- 2 x 0-1000 bar (0-15,000 psi) Gauges
- 2 x 3/8" Port Gauge Adaptors
- 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: HP350DMIN

HP550D

- 1 x HP550D Pump Unit
- 2 x 0-1000 bar (0-15,000 psi) Gauges
- 2 x 3/8" Port Gauge Adaptors
- 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: HP550DMIN

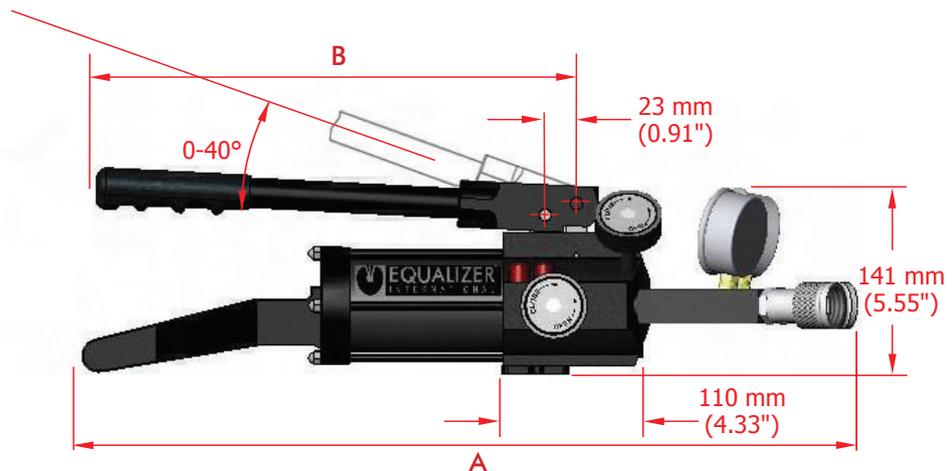
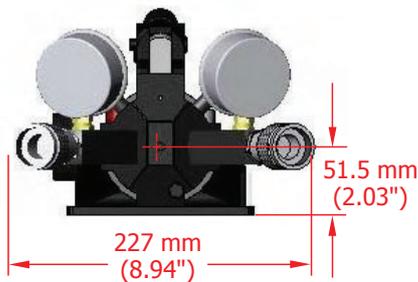
HP1000D

- 1 x HP1000D Pump Unit
- 2 x 0-1000 bar (0-15,000 psi) Gauges
- 2 x 3/8" Port Gauge Adaptors
- 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: HP1000DMIN

WEIGHTS AND DIMENSIONS



| | HP350D | HP550D | HP1000D |
|---------------------------|------------------|------------------|------------------|
| OVERALL LENGTH (A) | 580.0mm (22.83") | 669.0mm (26.34") | 893.0mm (35.16") |
| HANDLE LENGTH (B) | 360.0mm (14.17") | 490.0mm (19.29") | 537.0mm (21.14") |
| PUMP WEIGHT | 4.4kg (13.2lb) | 5.0kg (11.0lb) | 6.1kg (13.4lb) |
| GROSS KIT WEIGHT | 5.1kg (11.2lb) | 5.5kg (12.1lb) | 6.6kg (14.6lb) |