



KEY FEATURES

- Linear rails and guides provide accuracy and rigidity
- Manual and auto feed operation
- MT4 / ISO spindles
- Robust and precision construction
- High torque geared spindles
- Hydraulic and Pneumatic drive options

DESCRIPTION

The Mirage HT range is a series of high torque portable drilling machines which can be bolted directly to the work piece, fixed using either optional switch magnets or chain clamps for pipe mounting.

APPLICATIONS

For multi-purpose drilling and stud removal applications on-site. The various fixing methods available enable the machines to be used for a wide range of drilling jobs in any orientation.

SPECIFICATIONS

| | HT20 | HT40 | HT50 |
|----------------------------------|---------------------------------|--|--|
| Max Hole Diameter | 50mm (2") | 100mm (4") | 125mm (5") |
| Max Standard Stroke | 276mm (10.9") | 406mm (16") | 432mm (17") |
| Max Optional Stroke | 500mm (20") | 800mm (31.5") | 800mm (31.5") |
| Spindle Type | MT 4 | ISO 40 Supplied with 4MT Spindle Arbor | ISO 50 Supplied with 5MT Spindle Arbor |
| RPM (motor dependant) | 0 - 286 | 0 - 58 | 0 - 38 |
| Drive Output Pneumatic @ 6 Bar | 3.0kw (4.0Hp) | 3.0kw (4.0Hp) | 3.0kw (4.0Hp) |
| Drive Output Hydraulic @ 70 Bar | 4.5kw (6.0Hp) | 4.5kw (6.0Hp) | 3.7kw (5.0Hp) |
| Feed Pneumatic Output @ 6 Bar | 0.8kw (1.1Hp) | 0.8kw (1.1Hp) | 1.11kw (1.5Hp) |
| Feed Hydraulic Output @ 70 Bar | 1.5kw (2.0Hp) | 1.6kw (2.2Hp) | 1.64kw (2.2Hp) |
| Air Consumption Required @ 90psi | 2.7m ³ /min (98 cfm) | 2.7m ³ /min (98 cfm) | 2.7m ³ /min (98 cfm) |
| Hydraulic Supply Needed | 50L/min (13 Gal/min) | 50L/min (13 Gal/min) | 50L/min (13 Gal/min) |

FEED RATES

| | HT20 | HT40 | HT50 |
|--|-----------------------|----------------------|---------------------------|
| Hand Feed per rev | 2.5mm (0.100") | 2.5mm (0.100") | 2.5mm (0.100") |
| Variable auto-feed per min (Hydraulic) | 0 - 32mm (0 – 1.25") | 0 - 32mm (0 – 1.25") | 0 - 32mm (0 – 1.25") |
| Variable auto-feed per min (Pneumatic) | 0 – 22.6mm (0 – 0.9") | 0 – 20mm (0 – 0.79") | 0 – 32 mm (0 – 1.25"/min) |

INCLUDED AS STANDARD WITH MACHINE

The machine is supplied complete with the following items;

- ✓ Toolkit
- ✓ Air filter lubricator (Pneumatic models)
- ✓ Hose connection
- ✓ Storage / shipping box
- ✓ CE certificate,
- ✓ Packing list and manual

SET UP AND OPERATION

The operator must be:

- Trained and conversant with the product
- Able to identify the correct and incorrect use of static or portable machines.
- Comply with all local and internationally recognised safe use of powered machines.

MACHINE WEIGHTS

| HT20 | HT40 | HT50 |
|--------------|--------------|--------------|
| 45kg (100lb) | 57kg (125lb) | 98kg (216lb) |

SHIPPING WEIGHTS

| HT20 | HT40 | HT50 |
|--------------|--------------|---------------|
| 69kg (152lb) | 90kg (198lb) | 100kg (220lb) |

SHIPPING DIMENSIONS

| | HT20 | HT40 | HT50 |
|---------------|------------|-------------|-------------|
| Length | 86cm (34") | 105cm (41") | 110cm (43") |
| Width | 44cm (17") | 38cm (15") | 40cm (16") |
| Height | 37cm (15") | 53cm (21") | 47cm (19") |



HT20



HT40



HT50

IMPORTANT



HT DRILLING MACHINE OPTIONS & ACCESSORIES

MAGNETIC MOUNTS

Switch magnet mounts to fix the machines to any steel surface and requiring no change to the work piece.

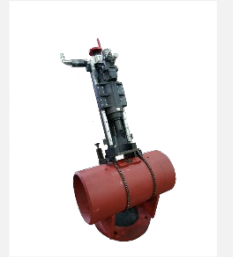
| Machine | Part number: |
|---------|--------------|
| HT20: | HT20-6 |
| HT40: | HT40-5 |
| HT50: | HT50-5 |



CHAIN CLAMP

Chain clamp mounts to fix the machines to pipework and other cylindrical items.

Many sizes available. Please contact us with details of your requirements.



PP2 11 KW 3 PHASE HYDRAULIC POWER PACK

60 LPM up to 90 BAR – proportional remote operation 24 volt DC fully CE marked. Featuring remote pendant, speed control stop/start, emergency stop, frame with lifting points and load test certificate..



MANUAL FEED ONLY OPTION

Reduced cost version with auto-feed removed.

