

120" stroke - Ø12 - 36" capacity Hot Tapping



- Helical geared drive
- Drive as close to cutter as possible
- Internally pressure balanced system
- Auto variable feed gearbox and motor
- Geared mechanical depth display
- Constant seal & pressure monitoring

(PATENT 0703716.1)

(International wo2008/104753)

A hot tapping machine with a working pressure capacity of 5000 p.s.i maximum and can hot tap from Ø12 - 36" specifically designed for all pipeline intervention and wellhead maintenance.

The machine is supplied complete with feed and drive motor, lifting brackets, (12 - 24"), (24 - 36") cutter holders, connection hoses & pressure gauge, toolkit, air filter lubricator (when required), all required mounting studs & nuts and connection spool, storage / shipping box, CE certificate, packing list and manual - pressure certification 2220 psi (153 bar).

External certification for 5000 psi (345 bar) optional.

All dimensions are for reference and may be subject to change without notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a Mirage sales representative. All information given and all sales made by Mirage Machines are subject to their terms and conditions, which are available at [www.miragemachines.com](http://www.miragemachines.com).

### Technical Details

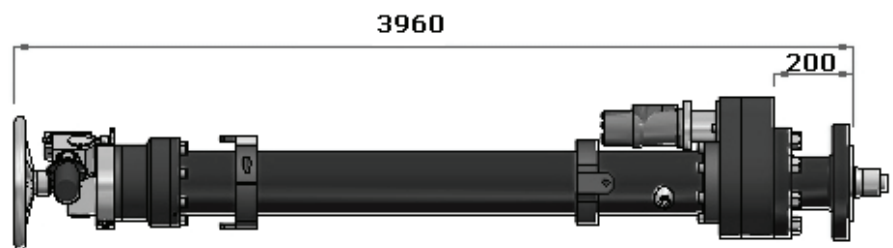
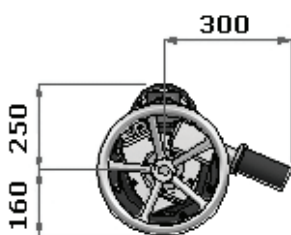
|  |          |            |
|--|----------|------------|
| Minimum Tapping Hole Diameter          | 305mm    | 12"        |
| Maximum Tapping Hole Diameter          | 915mm    | 36"        |
| Maximum Working Pressure               | 345 bar  | 5000 p.s.i |
| Standard Certified Operating Pressure  | 102 bar  | 1480 p.s.i |
| Maximum Operating Temperature          | 200°C    | 392°F      |
| Spindle Bar Travel                     | 3000mm   | 120"       |
| Spindle Bar Minimum Clearance          | 152mm    | 6"         |
| R.P.M                                  | Min: 5   | Max: 40    |
| Drive - Hydraulic                      | 35.0 Hp  | 26.0 Kw    |
| Hydraulic Supply Required @ 1050 p.s.i | 60 L/min | 16 Gal/min |

### Feed Rates

|                                 |             |                |
|---------------------------------|-------------|----------------|
| Feed Rate - Manual / Revolution | 10mm        | 0.393"         |
| Feed Rate Auto Feed             | 0 - 8mm/min | 0 - 0.315"/min |

### Weights and Dimensions

|                     |                    |                   |                  |
|---------------------|--------------------|-------------------|------------------|
| Machine Weight      | 2120 Kgs           | 4664 Lbs          |                  |
| Shipping Weight     | 2422 Kgs           | 5328 Lbs          |                  |
| Shipping Dimensions | L - 479cm - (188") | W - 125cm - (49") | H - 93cm - (37") |



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