

CHT1000 Hot Tapping machine **40" stroke – Ø3 - 12" capacity**



A Hot Tapping machine with a working pressure capacity of 5000 p.s.i maximum and can Hot tap from Ø3 – 12" specifically designed for all pipeline intervention and wellhead maintenance.

- ***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***

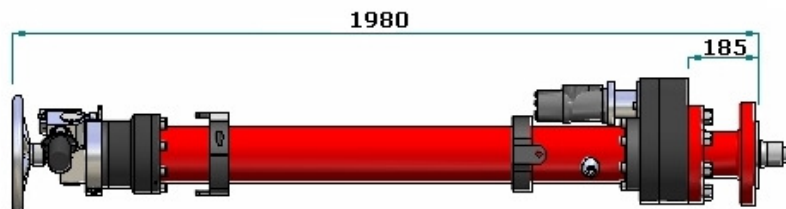
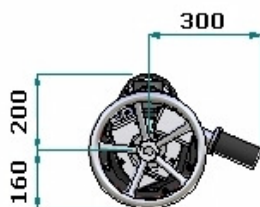
Technical Details

RANGE		
Minimum tapping hole diameter	76mm	3"
Maximum tapping hole diameter	305mm	12"
Maximum design operating pressure	345 bar	5000 p.s.i
Standard certified pressure	102 bar	1480 p.s.i
Maximum operating temperature	200° C	392° F
Spindle bar travel	1000mm	40"
Spindle bar minimum clearance	75mm	3"
R.P.M	Min: 5	Max: 40
Drive – Pneumatic	4.0 Hp	3.0 Kw
Drive – Hydraulic	5.0 Hp	3.7 Kw
Feed – Pneumatic	1.5 Hp	1.11 Kw
Feed – Hydraulic	2.2 Hp	1.64 Kw
Air Consumption / supply required	98 s.c.f.m	2.69 m3/m
Hydraulic supply required @ 1050 p.s.i	50 L/min	13 gal/min

FEED RATES		
Feed rate – Manual / revolution	10mm	0.393"
Feed rate auto feed	0 - 8mm/min	0 - .315"/min

WEIGHTS AND DIMENSIONS		
Machine weight	345 kgs	759 lbs
Shipping weight	517 Kgs	1137 lbs

Shipping dimensions	L - 228cm - (90")	W- 93cm (36")	H- 70cm (28")
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The machine is supplied complete with Hot tap machine, feed and drive motor, lifting brackets, (3-4"), (6-12") cutter holders, connection hoses and pressure gauge, Toolkit, air filter lubricator (when required), all required mounting studs and nuts and connection spool, storage / shipping box, CE certificate, Packing list and Manual – pressure certification 1480 psi (100 bar)

10 Enterprise Way DERBY DE21 4BB. UK

Tel: +44 (0)1332 291767 Fax: +44 (0)1332 370356

Email: sales@miragemachines.com

www.miragemachines.com

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Optional Accessories

 <p>HTC3 – HTC36 Standard hot tap cutters from 3 – 36"</p>	 <p>HYPP60-30-3ph 15 Hp tandem hydraulic power pack 60 lpm @ 70 bar – 380/440v 3 phase HYPP60-D 15Hp hydraulic power pack 60 lpm @ 70 bar – diesel engine</p>
 <p>SHTPD3 – SHTPD36 Standard hot tap pilot drills with wire retainers</p>	 <p>CHT-5000PT Third party pressure test with calibrated test equipment</p>
 <p>LSC4 – LSC36 Line stop cutters 4 – 36"</p>	 <p>LSPD4 –LSPD36 Standard line stop pilot drills with wire retainers</p>
 <p>150-3FA – 600-24FA Standard flange adapters (3 – 24") #150, #300, #600</p>	 <p>SPECIAL FLANGE ADAPTERS Special flange adapters (3 – 24") #900, #2500, PN16, API and line stop</p>
 <p>HTC3EX – HTC36EX Extended hot tap cutters from 3 – 36"</p>	 <p>SHTPD3EX – SHTPD36EX Extended hot tap pilot drills 3 – 36"</p>
 <p>LSFH4 – LSFH36 Line stop folding heads 4 – 24"</p>	 <p>LSA2-6 – LSA6-12 – LSA12-24 Line stop actuator machines (manual and hydraulic)</p>

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