

## **CHT815 Hot Tapping machine**

**32" stroke – Ø2 - 10" capacity**



A Hot Tapping machine with a working pressure capacity of 5000 p.s.i maximum and can Hot tap from Ø2 – 10" 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***

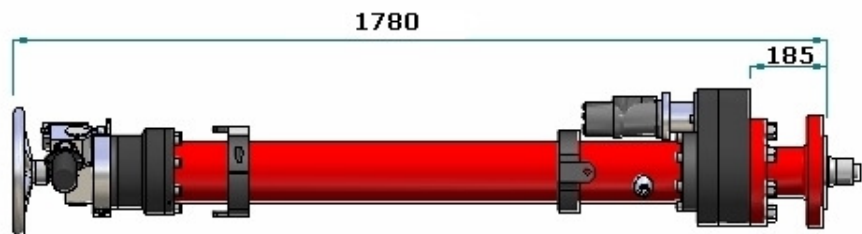
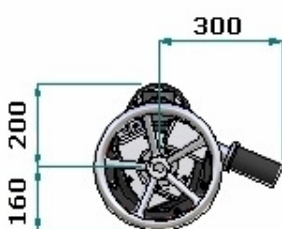
# Technical Details

RANGE		
Minimum tapping hole diameter	51mm	2"
Maximum tapping hole diameter	254mm	10"
Maximum design operating pressure	350 bar	5000 p.s.i
Standard certified pressure	102 bar	1480 p.s.i
Maximum operating temperature	200° C	392° F
Spindle bar travel	813mm	32"
Spindle bar minimum clearance	51mm	2"
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 including connection spool	300 kgs	660lbs
Shipping weight	475 Kgs	1045 lbs

Shipping dimensions	L - 222cm - (87")	W- 63cm (25")	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)

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# Optional Accessories

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

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