

## **CHT4000 Hot Tapping machine** **157" stroke – Ø24 – 48" capacity**



A Hot Tapping machine with a design pressure capacity of 5000 p.s.i maximum and can Hot tap from Ø24 – 48" 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***

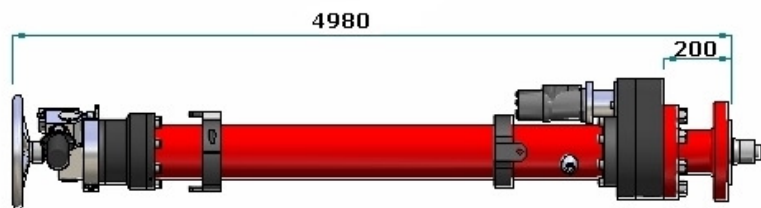
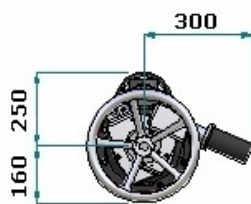
# Technical Details

RANGE		
Minimum tapping hole diameter	610mm	24"
Maximum tapping hole diameter	1220mm	48"
Maximum design 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	4000mm	157"
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 - .315"/min

WEIGHTS AND DIMENSIONS		
Machine weight	3150 kgs	6930 lbs
Shipping weight	3529 Kgs	7764 lbs

Shipping dimensions	L - 529cm - (208")	W- 125cm (49")	H- 93cm (37")
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The machine is supplied complete with Hot tap machine, feed and drive motor, lifting brackets, (24-36"), (36-60") cutter holders, connection hoses and pressure gauge, Toolkit, all required mounting studs and nuts and #600 connection spool, storage / shipping box, CE certificate, Packing list and Manual – standard pressure certification 2220 psi (153 bar)

External certification for 5000 psi (345 bar) Optional

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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>