

## **CHT3000 Hot Tapping machine** **120" stroke – Ø12 – 36" capacity**



A Hot Tapping machine with a design pressure capacity of 5000 p.s.i maximum and can Hot tap from Ø12 – 36" 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***

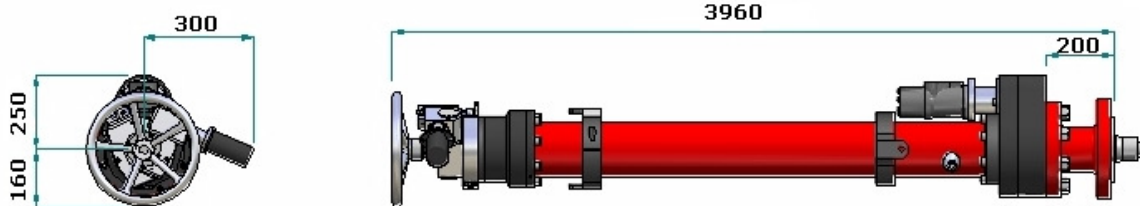
# Technical Details

RANGE		
Minimum tapping hole diameter	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 - .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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The machine is supplied complete with Hot tap machine, feed and drive motor, lifting brackets, (12-24"), (24-36") 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 – standard pressure certification 2220 psi (153 bar)

External certification for 5000 psi (345 bar) Optional

## Pishgam Sanat Abzar Co.

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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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