



KEY FEATURES

- Drive positioned close to the cutter – for improved cut efficiency
- Auto feed - infinitely variable for differing cut conditions
- Geared mechanical depth display
- Constant pressure seal monitoring ports
- Internally pressure balanced for higher pressure applications

DESCRIPTION

A range of hot tapping machines with CHT a working pressure capacity of 5000 p.s.i maximum. Sizes range from 2 -10" diameter.

APPLICATIONS

CHT Hot Tapping Machines are used make connections and branches on high pressure pipelines and can be used for wellhead maintenance.

SPECIFICATIONS

	Min Tapping Diameter	Max Tapping Diameter	Max Operating Pressure	Standard Certified Pressure	Max Operating Temperature Continuous	Bar Travel	Cutter RPM, Hydraulic	Hydraulic Supply Required
CHT815	51mm (2")	254mm (10")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	813mm (32")	10-40	60 L/min 15 Gal/min
CHT1000	76mm (3")	305mm (12")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	1000mm (40")	10-40	60 L/min 15 Gal/min
CHT1675	76mm (3")	405mm (16")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	1675mm (66")	15-40	60 L/min 15 Gal/min
CHT2000	150mm (6")	610mm (24")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	2000mm (80")	5-30	100 L/min 25 Gal/min
CHT3000	305mm (12")	915mm (36")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	3000mm (120")	5-30	100 L/min 25 Gal/min
CHT4000	305mm (12")	1220mm (48")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	4000mm (157")	5-30	100 L/min 25 Gal/min

FEED RATES

	CHT815	CHT1000	CHT1675	CHT2000	CHT3000
Manual Per Revolution	10mm (0.393")	10mm (0.393")	10mm (0.393")	10mm (0.393")	10mm (0.393")
Auto Feed Rates per rev	0 - 6mm / min (0 - 0.236")	0 - 6mm / min (0 - 0.236")	0 - 6mm / min (0 - 0.236"/min)	0 - 6mm / min (0 - 0.236")	0 - 6mm / min (0 - 0.236")
Fast Traverse Feed Rate	6mm / min	6mm / min	6mm / min	6mm / min	6mm / min

INCLUDED AS STANDARD WITH MACHINE

The machine is supplied complete with the following items:

- ✓ Feed and drive motors
- ✓ Mounting studs & nuts
- ✓ Connection spool
- ✓ Pressure certification 1480 psi (100 bar)
- ✓ Air preparation (when used with pneumatic motor)
- ✓ Lifting brackets
- ✓ Cutter holders
- ✓ Connection hoses
- ✓ Pressure gauge
- ✓ Toolkit
- ✓ Packing list, manual and CE certification

SET UP AND OPERATION

The operator must be:

- Trained and conversant with the product
- Able to identify the correct and incorrect use of static or portable machines.
- Comply with all local and internationally recognised regulations regarding safe use of powered machines.

MACHINE WEIGHTS

Machine	kg	lbs
CHT815	311kg	686 lbs
CHT1000	345kg	761lbs
CHT1675	436kg	961lbs
CHT2000	700kg	1543lbs
CHT3000	2251kg	4963lbs
CHT4000	2688kg	5914lbs

SHIPPING WEIGHTS

Machine	kg	lbs
CHT815	475 kg	1047 lbs
CHT1000	517kg	1140lbs
CHT1675	622kg	1371lbs
CHT2000	940kg	2072lbs
CHT3000	2666kg	5878lbs
CHT4000	3138kg	6904lbs

SHIPPING DIMENSIONS

Machine	Length	Width	Height
CHT815	222cm (87")	63cm (25")	70cm (28")
CHT1000	228cm (90")	93cm (36")	70cm (28")
CHT1675	308cm (121")	66cm (26")	79cm (31")
CHT2000	348cm (137")	79cm (31")	76cm (30")
CHT3000	487cm (192")	100cm (40")	76cm (30")
CHT4000	541cm (213")	140cm (55")	124cm (48")

All weights and dimensions are approximate and for guidance only.



CHT HOT TAPPING MACHINE OPTIONS & ACCESSORIES

STANDARD HOT TAP CUTTERS

Part number:
HTC3 – HTC36



HYDRAULIC POWER PACKS

CHT815-H	PP8-VP 100LPM @ 100 bar
CHT1000-H	
CHT1675-H	
CHT2000-H	PP4-D 100LPM @ 100 bar
CHT3000-H	



HOT TAP PILOT DRILLS

With wire retainers

Standard:
SHTPD3 – SHTPD36



EXTENDED HOT TAP PILOT DRILLS

With wire retainers

SHTPD3EX – SHTPD36EX



LINE STOP CUTTERS 4 -36"

Part number:
LSC4 – LSC36



LINE STOP PILOT DRILLS

With wire retainers

LSPD4 – LSPD36



STANDARD FLANGE ADAPTORS

(3 - 24") #150, #300, #600
150-3FA - 600-24FA



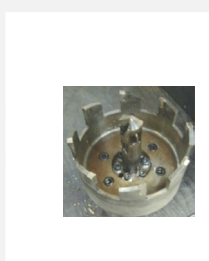
SPECIAL FLANGE ADAPTORS

3 - 24" #900, #2500, PN16, API
and line stop



EXTENDED HOT TAP CUTTERS FROM 3 - 36"

Part number:
HTC3EX - HTC36EX



LINE STOP FOLDING HEADS 4 – 24"

Part number: LSFH4 – LSFH36



CHT HOT TAPPING MACHINE OPTIONS & ACCESSORIES

SKIDS

Frame for transportation and storage of hot tapping machine



LADDERS

Part number:
On request



LINE STOP ACTUATOR MACHINES

Manual and hydraulic



THIRD PARTY PRESSURE TEST WITH CALIBRATED TEST EQUIPMENT

Part number: CHT - 5000PT

