



### 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
<b>CHT815</b>	51mm (2")	254mm (10")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	813mm (32")	10-40	60 L/min 15 Gal/min
<b>CHT1000</b>	76mm (3")	305mm (12")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	1000mm (40")	10-40	60 L/min 15 Gal/min
<b>CHT1675</b>	76mm (3")	405mm (16")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	1675mm (66")	15-40	60 L/min 15 Gal/min
<b>CHT2000</b>	150mm (6")	610mm (24")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	2000mm (80")	5-30	100 L/min 25 Gal/min
<b>CHT3000</b>	305mm (12")	915mm (36")	345bar (5000psi)	102bar (1480psi)	200°C (392°F)	3000mm (120")	5-30	100 L/min 25 Gal/min
<b>CHT4000</b>	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
<b>CHT815</b>	311kg	686 lbs
<b>CHT1000</b>	345kg	761lbs
<b>CHT1675</b>	436kg	961lbs
<b>CHT2000</b>	700kg	1543lbs
<b>CHT3000</b>	2251kg	4963lbs
<b>CHT4000</b>	2688kg	5914lbs

## SHIPPING WEIGHTS

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

## SHIPPING DIMENSIONS

Machine	Length	Width	Height
<b>CHT815</b>	222cm (87")	63cm (25")	70cm (28")
<b>CHT1000</b>	228cm (90")	93cm (36")	70cm (28")
<b>CHT1675</b>	308cm (121")	66cm (26")	79cm (31")
<b>CHT2000</b>	348cm (137")	79cm (31")	76cm (30")
<b>CHT3000</b>	487cm (192")	100cm (40")	76cm (30")
<b>CHT4000</b>	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



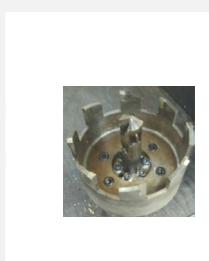
## SPECIAL FLANGE ADAPTORS

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

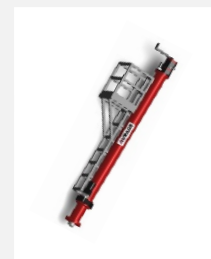
### SKIDS

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

