

Hottap Machines

All capacities are for drilling mild steel pipe and may be reduced when operating on other materials. We can design specifically for your requirements.

All Models are designed for operation up to 100 bar (1470psi) and 200 C.
They are able to cut up to 3" wall thickness mild steel.

They are able to cut stainless steel, API Gr. Band API SL X80 and concrete.

They are capable of installing LOR and flow through plugs and are compatible with TD Williamson equipment.

All machines have powered feed for cutting that is proportional to the spindle rpm and rapid travel.

All machines spindles are compatible with TD Williamson tooling.

Model	Stroke	Diameter Range	
PTM-1 018-MN	18"	1/4"	4"
PTM-1028-MN	28"	1/4"	6"
PTM-1032-MN	32"	1/4"	6"
PTM-2028-PN	28"	3"	8"
PTM-3048-PN	48"	3"	12"
PTM-3066-PN	66"	3"	16"
PTM-3066-HYD	66"	3"	16"
PTM-3070-HYD	70"	3"	20"
PTM-5078-HYD	78"	12"	38"
PTM-5108-HYD	108"	12"	42"
PTM-5130-HYD	130"	12"	44"
PTM-7102-HYD	102"	16"	72"
PTM-7130-HYD	130"	16"	64"
PTM-7150-HYD	150"	16"	56"

The figure in the above chart are indicative and may vary



Tapping Machines

PTM-2000 series

Description

Tapping machines are used for making connections to pipelines, tanks, and plant piping without shutdown and are used to make hot taps in preparation for plugging machine application.

Our Models series 2000 is Pneumatic operated.

Specifications

	Drilling Capacity	Stroke
PTM-2024-PN	3" - 8"	24"
PTM-2028-PN	3" - 8"	28"

They meet NACE Standard and CE, sulfide stress cracking resistant metallic material for oilfield equipment. The maximum working pressure is 1,480 psi (100 bar) at 100 °F (38 °C). Its operating temperatures are -20 °F (-29 °C) to 700 °F (371 °C) at 700 psi (48 bar) for intermittent service. The maximum continuous rating is 350 °F (177 °C) at 1,025 psi (70 bar).

For special requirements, such as higher pressure or temperature, consult the factory.

- Length: 1.104mm
- Weight: 64Kg.



Tapping Machines

PTM-3000 series

Description

Tapping machines are used for making connections to pipelines, tanks, and plant piping without shutdown and are used to make hot taps in preparation for plugging machine application.

Our Models series 3000 can be either air or hydraulically used.

Specifications

	Drilling Capacity	Stroke
PTM-3048-PN	3"-12"	48"
PTM-3066-HYD or PN	3"-16"	66"
PTM-3070-HYD	3"-20"	70"

Dimensions:	Length 2100mm, Width 500mm, Height 536mm
Weight:	337kg
Mounting:	4"Class 600 RTJ Type Flange
Boring Bar:	Chrome Plated One piece bar
Sealed:	with Chevron Teflon
Tool Mounting:	Industry Standard taper
Tool Retention:	Manual Drawbar
Max Pressure rating:	100Bar (1480psi)
Spindle Speed:	40RPM with Propipe - H23 Power Pack
Feed Rate:	0.07mm /rev
Depth Measurement:	by measuring rod
Drive system:	Hydraulic Motor, lubrication free CHAIN drive
Hydraulics Pressure:	1750psi(118 bar)-2000psi(135bar)

Features

The machine includes:

Lower in crank, Measuring rod, Retainer rod pusher, Ring Gasket, Bleeder valve and nipple, Motor adapter, Set of bolts and nuts, Lock-O-Ring bypass gauge.



Tapping Machines

PTM-3000 series

SSTOP CUTTER & PILOT DRILL

NOMINAL		Size		Weight		CUTTER	Weight		PILOT DRILL
0 inch	0 mm	mm	Inches	Lbs	Kg	Stock Number	Lbs	Kg	Stock Number
3	80	62	2 7/16	2,2	1,0	PSC-3000-03	0,4	0,2	PPD-3000-03
4	100	98	3 7/8	2,2	1,0	PSC-3000-04	0,4	0,2	PPD-3000-04
6	150	149	5 7/8	6,6	3,0	PSC-3000-06	2,0	0,9	PPD-3000-06
8	200	197	7 3/4	19,8	9,0	PSC-3000-08	2,0	0,9	PPD-3000-08
10	250	248	9 3/4	22,0	10,0	PSC-3000-10	2,0	0,9	PPD-3000-10
12	300	299	11 3/4	39,6	18,0	PSC-3000-12	2,2	1,0	PPD-3000-12



TAPPING CUTTER & PILOT DRILL

NOMINAL		Size		Weight		CUTTER	Weight		PILOT DRILL
0 inch	0 mm	mm	Inches	Lbs	Kg	Stock Number	Lbs	Kg	Stock Number
3	80	62	2 7/16	0,9	0,4	PTC-3000-03	0,4	0,2	PPD-3000-03
4	100	87	3 7/16	2,0	0,9	PTC-3000-04	0,4	0,2	PPD-3000-04
6	150	139	5 15/32	6,6	3,0	PTC-3000-06	2,0	0,9	PPD-3000-06
8	200	186	7 5/16	15,4	7,0	PTC-3000-08	2,0	0,9	PPD-3000-08
10	250	241	9 1/2	22,0	10,0	PTC-3000-10	2,0	0,9	PPD-3000-10
12	300	292	11 1/2	35,2	16,0	PTC-3000-12	2,2	1,0	PPD-3000-12
14	350	324	12 3/4	41,8	19,0	PTC-3000-14	5,5	2,5	PPD-3000-14
16	400	373	14 11/16	61,6	28,0	PTC-3000-16	5,9	2,7	PPD-3000-16
18	450	383	15 1/16	53,5	34,0	PTC-3000-18	5,9	2,7	PPD-3000-18
20	500	432	17	84,0	38,0	PTC-3000-20	6,6	3,0	PPD-3000-20

LINESTOP CUTTER & PILOT DRILL

NOMINAL		Size		Weight		CUTTER	Weight		PILOT DRILL
0 inch	0 mm	mm	Inches	Lbs	Kg	Stock Number	Lbs	Kg	Stock Number
3	80	62	2 7/16	2,2	1,0	PLC-3000-03	0,4	0,2	PPD-3000-03
4	100	100	3 15/16	4,4	2,0	PLC-3000-04	0,4	0,2	PPD-3000-04
6	150	151	5 15/16	8,8	4,0	PLC-3000-06	2,0	0,9	PPD-3000-06
8	200	200	7 7/8	15,4	7,0	PLC-3000-08	2,0	0,9	PPD-3000-08
10	250	251	9 7/8	26,4	12,0	PLC-3000-10	2,0	0,9	PPD-3000-10
12	300	300	11 13/16	39,6	18,0	PLC-3000-12	2,2	1,0	PPD-3000-12
14	350	332	13 1/16	48,4	22,0	PLC-3000-14	5,5	2,5	PPD-3000-14
16	400	383	15 1/16	63,8	29,0	PLC-3000-16	5,9	2,7	PPD-3000-16
18	450	432	17	83,6	38,0	PLC-3000-18	6,6	3,0	PPD-3000-18
20	500	483	19	99,0	45,0	PLC-3000-20	6,6	3,0	PPD-3000-20



Tapping Machines

PTM-3000 series

LS PLUG HOLDER

Size		Stock Number
inch	mm	
4-20	100- 400	PPH-3000-0420



CUTTER HOLDER

Size		Stock Number
inch	mm	
4	100	PCH-3000-04
6-20	150 - 500	PCH-3000-06



RAISED FACE (RF) ADAPTOR

Size		Class 150			Class300			Class600		
inch	mm	Lb.	Kg.	Stock Number	Lb.	Kg.	Stock Number	Lb.	Kg.	Stock Number
3	80	54	25	PHA-3000-15-03	55	25	PHA-3000-30-03	57	26	PHA-3000-60-03
4	100	57	26	PHA-3000-15-04	65	30	PHA-3000-30-04	80	36	PHA-3000-60-04
6	150	70	32	PHA-3000-15-06	95	43	PHA-3000-30-06	146	66	PHA-3000-60-06
8	200	85	39	PHA-3000-15-08	100	45	PHA-3000-30-08	150	68	PHA-3000-60-08
10	250	115	52	PHA-3000-15-10	155	70	PHA-3000-30-10	200	91	PHA-3000-60-10
12	300	170	77	PHA-3000-15-12	215	98	PHA-3000-30-12	315	143	PHA-3000-60-12
14	350	260	118	PHA-3000-15-14	315	143	PHA-3000-30-14	510	232	PHA-3000-60-14
16	400	325	148	PHA-3000-15-16	415	189	PHA-3000-30-16	580	264	PHA-3000-60-16
18	450	550	250	PHA-3000-15-18	610	277	PHA-3000-30-18	730	332	PHA-3000-60-18
20	500	680	309	PHA-3000-15-20	790	359	PHA-3000-30-20	990	450	PHA-3000-60-20

