

# T-203 Tapping Machine

Sizes: 4- through 12-inch

Model T-203



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## Description

Tapping machines are used to make connections to pipelines, tanks and plant piping and are used to make hot taps in preparation for plugging machine applications.

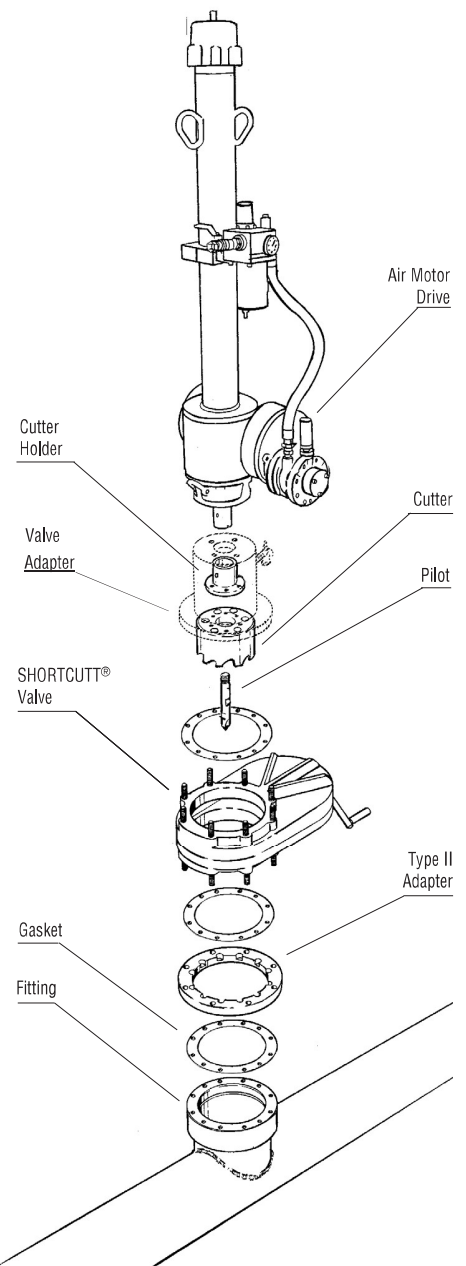
The T-203 Tapping Machine is used for making 4" through 12" (DN 100 through DN 300) taps without shutdown in pipelines, primarily for the installation of TDW SHORTSTOPP® Plugging Machines.

## Features

The T-203 Tapping Machine has an adjustable automatic feed rate of 0 to 1/8" per revolution for any cutting condition.

The T-203 Tapping Machine operates at a maximum of 740 psi (50 bar) @ 100°F (38°C). Its operating temperature is -20° F (-29° C) to 180°F (82°C) @ 675 psi (46 bar). It weighs 241 pounds (109 kg.), including the air motor drive, which is standard equipment. Lightweight with a low center of gravity, it is designed to be easy to handle and to operate.

The T-203 Tapping Machine also features a four-bolt attachment to the valve adapter. This provides a simple, rigid makeup with proper cutter alignment.





1000.003.01-p2

## Dimensions and Part

# T-203 Tapping Machine

Basic Machine	Wt./Lb.	Wt./Kg.	Part Number
with air drive assembly and carrying case	366	166	05-2173-0000
with hydraulic drive assembly and carrying case	400	181	05-2174-0000

## Specifications

Boring Bar Travel		Overall Length		Rate of Travel per revolution		Feed Mechanism
Inch	mm	Inch	mm	Inch	mm	
36	914	58	1473	0-1/8	0-3	adjustable, automatic

## Operating Specifications

Maximum Operating Pressure	740 psi (50 bar) @100°F (38°C)
Maximum Operating Temperature	180°F (82°C) @ 675 psi (46 bar)

## Adapters

		Max. Working Pressure				Max. Working Pressure			
		Class 150		Class 300		Class 150		Class 300	
Inch	mm	psi	Wt./Lb.	Wt./Kg.	Part Number	psi	Wt./Lb.	Wt./Kg.	Part Number
4	100	285	29	13	06-1542-0000	740	38	17.2	06-7370-0000
6	150	285	39	18	06-1543-0000	740	65	29.5	06-7371-0000
8	200	285	60	27	06-1544-0000	740	95	43.1	06-7372-0000
10	250	285	87	39	06-1545-0000	740	140	63.5	06-7373-0000
12	300	285	130	59	06-1546-0000	740	205	93	06-7374-0000

## Cutters & Pilot Drills

		SHORTSTOPP® Cutters					SHORTSTOPP® Pilot Drills					
		Weight		Weight			Weight		Weight			
Nominal Size	Actual Size	Lb.	Kg.	Part Number	Lb.	Kg.	Part Number	Spare U-Rods	Lb.	Kg.	Part Number	Spare U-Rods
4	100	3	1	05-0255-0004	8	230	05-0247-0003	00-1424-0005	3	1	05-0255-0004	00-1424-0005
6	150	8-3/4	4	05-0330-0006	2	8	05-0293-0002	00-1424-0003	8-3/4	4	05-0330-0006	00-1424-0003
8	200	20	9	05-0330-0008	12	340	05-0293-0003	00-1424-0003	20	9	05-0330-0008	00-1424-0003
10	250	23	10	05-0330-0010	16	450	05-0293-0004	00-1424-0003	23	10	05-0330-0010	00-1424-0003
12	300	40	18	05-0330-0012	16	450	05-0293-0005	00-1424-0003	40	18	05-0330-0012	00-1424-0003

## Cutter Holders, Bleeder Valve & Nipple

	Inch	mm	Wt./Lb.	Wt./Kg.	Part Number
Cutter Drive Key	4	80	0.5	0.25	05-0227-0000
Cutter Holder	6-12	150-300	9	4	05-0326-0000
Bleeder Valve	--	--	--	--	00-0774-0001
Nipple	--	--	--	--	00-0220-0001
Spare U-Rods	4	--	--	--	00-1424-0005
Spare U-Rods	6-12	--	--	--	00-1424-0003

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