

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 applications.

The 936 Tapping Machine is hydraulically operated and is used for making pipe and tank taps from 12- to 36-inch. Its operating temperature is 0°F (-18°C) to 180°F (82°C) at 2,220 (153 bar). For temperatures above 180°F (82°C), consult the factory.

The 936 Tapping Machine's unique pressure balanced system eliminates the effects of pipeline pressure, reducing operating loads on the feedscrew.

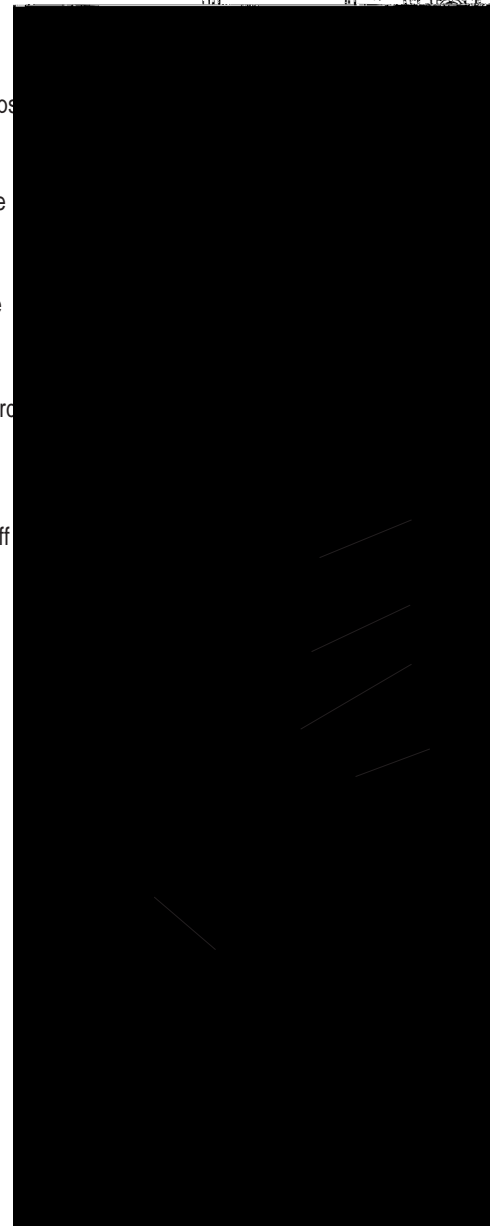
The 936 Tapping Machine meets NACE standard MR0175 (sulfide stress cracking resistant metallic material for oilfield equipment). The Tapping Machine Power Unit is compliant with EPA Tier 4 emission standards, has an emergency air shut-off valve and a four point lift system.

Features

- Tapping machine
- Ladder and platform
- Hydraulic piping
- Skid
- Connecting hoses
- Power unit
- 2-Stage drive motors
- Feed motor
- Pressure-balance system

Consult the factory for special cutters and pilots required for tank taps.

■ Typical Tapping Setup



	Lb.	Kg.	Part Number
Complete System *:	4000	1815	05-1286-0000
Tapping Machine	2000	910	05-1286-0001
Ladder and Platform	255	115	05-1330-0000
Hydraulic Piping	257	116	00-1297-0000
Skid	400	180	05-1286-0132
Power Unit with Diesel Engine**	1650	750	12357190

* Tapping Machine, ladder, platform and hydraulic piping included in Complete System 05-1286-0000

** Battery not included. Connecting Hoses Included.

Lengths	Boring Bar Travel		Machine		Machine With Measuring Rod	
	Inches	mm	Inches	mm	Inches	mm
	106	2692	146	3718	229	5817

Operating Specifications

Maximum Operating Pressure	2,220 psi (153 bar) @ 180°F (38°C)
Power	Hydraulically Powered
Feed	0.004" (0.102 mm) per Revolution
Lower-In Crank	12 Turns per Inch (2.1 mm/turn)

Power Unit

Engine: Perkins Diesel	38 HP @ 2800 RPM
Pump	Piston Type/Vane
Hydraulic Reservoir Capacity	60 Gallons
Engine Fuel Capacity (Diesel Engine)	10.5 Gallons
Hydraulic Oil Filters	10 Micron
Motors (at tapping machine)	Gear Type
Battery 12-volt, 455 amp, cold crank at 0°F	Customer Provided

Adapters for TDW SANDWICH Valves

Nominal Tap Size		ASME Class 600 RF Flange*			ASME Class 900 RTJ		
Inches	DN	Lb.	Kg.	Part Number	Lb.	Kg.	Part Number
12	300	234	106	06-5087-0012	620	282	26-2184-0012
14	350	440	200	06-5087-0014			
16	400	614	279	06-5087-0016			
18	450	687	312	06-5087-0018			
20	500	1,148	521	06-5087-0020			
22	550	1,400	635	06-5087-0022			
24	600	1,750	794	06-5087-0024			
26	650	2,011	912	06-5087-0026			
28	700	2,380	1,080	06-5087-0028			
30	750	2,573	1,167	06-5087-0030			
32	800	3,180	1,442	06-5087-0032			
34	850	3,550	1,610	06-5087-0034			
36	900	4,050	1,837	06-5087-0036			

* Use with Class 900 to 600 Spool Adapter (06-9524-0000)

LOCK-O-RING

