

## Description

The lightweight (37 lbs.) SHORTSTOPP® Plugging/Completion Machine is versatile and easy to operate. When used as a plugging machine, it will plug 1-1/2-inch at 275 psi and 2- to 4-inch lines at 500 psi, and can be used on SHORTSTOPP® 300 D Fittings (ASME Class 300). As a completion machine, it has a full range capability of setting 1-1/2- to 12-inch completion plugs, and will adapt to existing housings in the field.

The SHORTSTOPP® Jackscrew Actuator has the capability of plugging 4- to 12-inch lines at 275 psi existing housings in the field, and will plug through SHORTSTOPP® 300 D Fittings (ASME Class 300).

Both models provide an efficient and economical means of stopping off mains for repairs, relocations or additions.

Maximum working pressure is 500 psi (34.5 bar) @ 100°F (38°C). Maximum working temperature is 180°F (82°C) @ 440 psi (30.3 bar). Pressure ratings are limited to fittings and adapters used.

■ SHORTSTOPP®  
Jackscrew Actuator  
Plugging: 4- to 12-inch

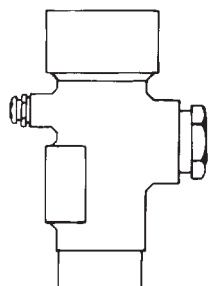
■ SHORTSTOPP®  
Plugging/Completion  
Machine  
Plugging: 1- to 4"-inch  
Completion: 1-1/2- to 12-inch



# SHORTSTOPP® 275/500 Plugging System

## Manual SHORTSTOPP® Plugging Machine

Size		Actuator Travel		Overall Length		Weight		Rate of Travel/Revolution		Part Number
Inches	DN	Inches	mm	Inches	mm	Lbs.	Kg.	Inches	mm	
1-1/2 to	40 to 100	28	711.2	44-1/2	1130.3	39	18	1/8	3.175	07-1034-0000



Typical 1-1/2"-3" Housing

### Housings

Size		Part Number	Max. Working Pressure in psi	Weight	
Inches	DN			Lbs.	Kg.
1-1/2	40	08-1746-0000	500	7	3.2
2	50	08-1746-0000	500	7	3.2
3	80	08-1747-0000	500	10	4.5
4	100	08-1748-0000***	275*	28	12.7
4	100	08-2148-0000	500**	36	16.3

\* ASME Class 150  
 \*\* ASME Class 300  
 \*\*\* For use with 07-1034-0000



Typical 1-1/2"-3" Plugging Head

### Plugging Heads

Size		Part Number	Max. Working Pressure in psi	Weight	
Inches	DN			Lbs.	Kg.
1-1/2	40	08-1741-0000	275	1	.5
2	50	08-2252-0000	500	2	1
3	80	08-2253-0000	500	4	1.8
4	100	08-1744-0000	500	9	4

### Sealing Cups Used With 1-1/2- to 4-inch Plugging Machine



Cup

Size		Part Number	Max. Working in psi	Pipe Dimensions			
Inches	DN			Maximum ID		Minimum ID	
				Inches	mm	Inches	mm
1-1/2	40	08-0114-0015	275	1.625	41	1.562	40
2	50	08-0947-0002	275	2.104	53	2.062	52
2	50	08-3425-0002	500	2.104	53	2.062	52
3	80	08-0947-0003	275	3.187	81	3.062	78
3	80	08-2253-0005	500	3.187	81	3.062	78
4	100	08-0947-0004	275	4.25	108	4.015	102
4	100	08-0036-0005	500	Specify pipe ID when ordering.			



---

---

---

---

---

---

---

---

---

---