

# SERFILCO® SERIES 'CIS' RECIPROCATING PISTON PUMP

BULLETIN  
P-616B  
JUNE 1995

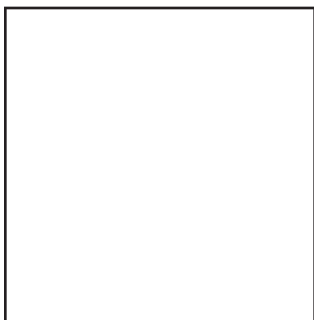
## HEAVY-DUTY PUMPING SYSTEM ASSURES RATED OUTPUT UP TO 500 FEET FROM UNIT



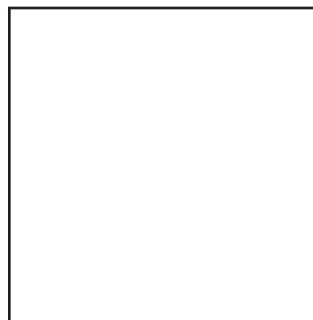
- **High pressure performance**  
to 750 PSI
- **Extra heavy-duty construction**  
cast iron, brass and stainless steel
- **Choice of driver**  
electric motor or gasoline engine
- **Includes epoxy coated metal full cover with access door**

Here is a system that will provide and maintain rated output pressure for continuous operation at distances as far as 500 feet or more from the equipment and assure full rated volume under all operating conditions. Pump design features a rugged cast-iron gear case with all parts operating in a continuous oil bath, and an equally rugged cast-iron pump head.

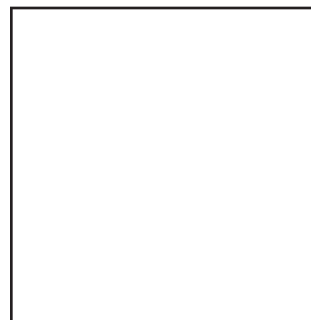
This pump is self-priming and will provide 28 ft. of suction lift. Its powerful low speed drive (300 RPM) provides for long service life and quiet operation. Through simplicity of design you can be assured of ease of maintenance and less wear. The choice of electric motor or gasoline engine allows for a variety of applications in many areas of industry.



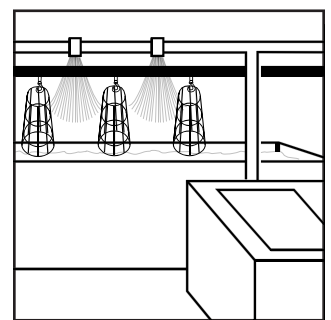
**HIGH PRESSURE  
PUMPING**



**UNDERGROUND PUMPING  
FROM MINE SHAFT**



**REMOTE IRRIGATION  
OR FIRE CONTROL**

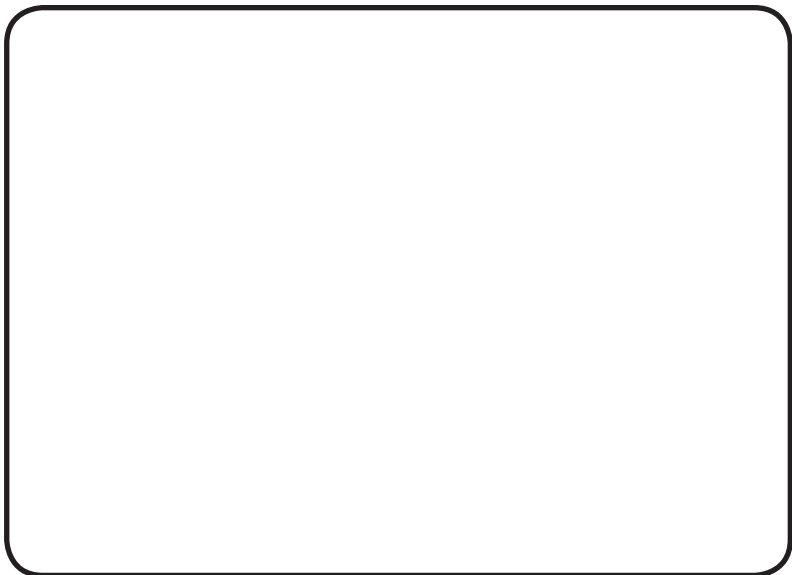


**SPRAYING OF  
CLEANERS**

The **SERFILCO Series 'CIS'** pump system is a positive displacement, reciprocating type, which provides output on both the advance and return stroke. The standard pump includes integral self-aligning valve cages and seats, and a high strength piston rod with twin cups. Pump is supplied with replaceable long-wearing brass cylinder sleeve and replaceable Oilite bear-

ings at every load point. External split-ring packing system is standard. System includes pump mounting base, pulley guard, motor mounting guard, coupling guard and hooded cover. Approximate system dimensions: 30" (L) x 21" (W) x 14" (H). Approximate shipping weight: 120 pounds (54.4 Kg). Suction 1" FNPT, discharge 3/4" FNPT.

*Flow rate is constant (6.5 GPM)  
@ pump speed of 300 RPM.  
Match horsepower for desired  
pressure range.*



<b>MAXIMUM PRESSURE PSIG</b>	200	300	500	750
<b>HORSE-POWER</b>	1.0	1.8	2.0	3.0

**TO ORDER**

Select desired pump driver and add corresponding

PUMP MODEL	PRICE CODE NO.	H. P. GASOLINE	ENGINE 3800 RPM GOVERNOR SET	230-460/3/50-60, 1725 RPM ADD TO ...	
			ELECTRIC MOTOR MODEL #	MODEL NO.	
			PRICE CODE NO. ADD TO ...	CODE NO.	PRICE
1 x 3/4 CIS	44-1200	1	-	- A1.0	A
		2	-	- B2.0	B
		3	- E3	- C3.0	C

**OPTIONAL**

DESCRIPTION	PRICE CODE NO.
Relief valve - 0-1500 PSI adjustable	44-1231
Portable - casters mounted to base	44-1232

F. O. B. Northbrook, Illinois



**SERFILCO, LTD.**

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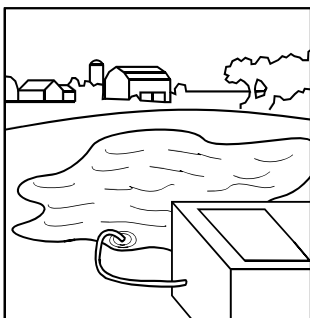
**HEAVY-DUTY PUMPING SYSTEM ASSURES  
RATED OUTPUT UP TO 500 FEET FROM UNIT**



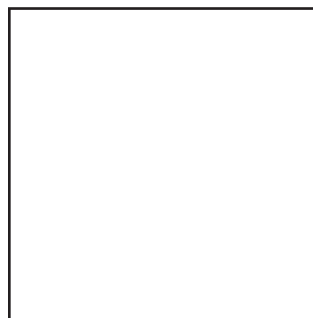
- **High pressure performance**  
to 1200 PSI
- **Extra heavy-duty construction**  
cast iron, brass and stainless steel
- **Choice of driver**  
electric motor or gasoline engine
- **Includes epoxy coated metal full cover with access door**

Here is a system that will provide and maintain rated output pressure for continuous operation at distances as far as 500 feet or more from the equipment and assure full rated volume under all operating conditions. Pump design features a rugged cast-iron gear case with all parts operating in a continuous oil bath, and an equally rugged cast-iron pump head.

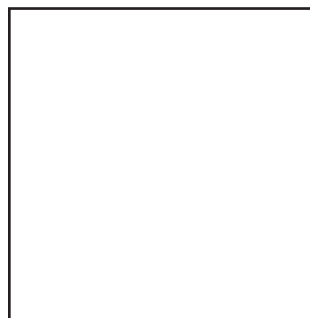
This pump is self-priming and will provide 28 ft. of suction lift. Its powerful low speed drive (300 RPM) provides for long service life and quiet operation. Through simplicity of design you can be assured of ease of maintenance and less wear. The choice of electric motor or gasoline engine allows for a variety of applications in many areas of agriculture.



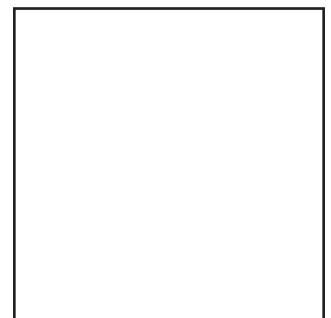
**PUMPING FROM  
A POND**



**UNDERGROUND PUMPING**



**REMOTE IRRIGATION  
OR FIRE CONTROL  
SPRAYING OF PESTICIDES,**



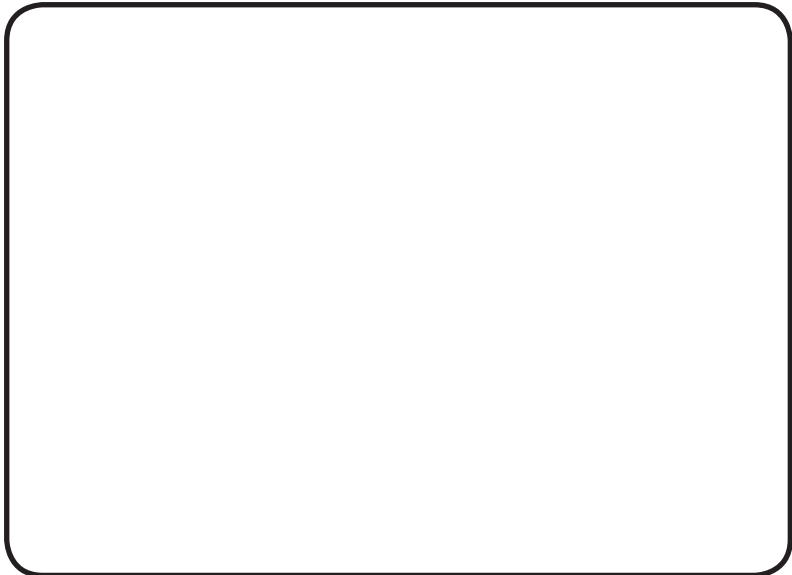
**HERBICIDES,  
FERTILIZERS, ETC.**

The **PACER Series 'CIS'** pump system is a positive displacement, reciprocating type, which provides output on both the advance and return stroke. The standard pump includes integral self-aligning valve cages and seats, and a high strength piston rod with twin cups. Pump is supplied with replaceable long-wearing brass cylinder sleeve and replaceable Oilite bear-

ings at every load point. External split-ring packing system is standard. System includes pump mounting base, pulley guard, motor mounting guard, coupling guard and hooded cover. Approximate system dimensions: 30" (L) x 21" (W) x 14" (H). Approximate shipping weight: 120 pounds (54.4 Kg). Suction 1" FNPT, discharge 3/4" FNPT.

*Flow rate is constant (6.5 GPM)  
@ pump speed of 300 RPM.  
Match horsepower for desired  
pressure range.*

<b>MAXIMUM PRESSURE PSIG</b>	200	300	500	1000	1200
<b>HORSE-POWER</b>	1.0	1.8	2.0	3.4	5.0



**TO ORDER**

Select desired pump driver and add corresponding

PUMP MODEL	PRICE CODE NO.	H. P. GASOLINE	ENGINE 3800 RPM GOVERNOR SET ELECTRIC MOTOR MODEL &	230-460/3/50-60, 1725 RPM ADD TO ...	
			PRICE CODE NO. ADD TO ...	MODEL NO.	PRICE
				CODE NO.	
1 x 3/4 CIS	44-1200	1	-	- A1.0	A
		2	-	- B2.0	B
		3	- E3	- C3.0	C
		5	- E5	- D5.0	D

**OPTIONAL**

DESCRIPTION	PRICE CODE NO.
Relief valve - 0-1500 PSI adjustable	44-1231
Portable - casters mounted to base	44-1232