



## Geared Self-Oiling Power Pumps

Figs. 2549 and 2550 (Cont.)

**SPLASH GUARD.** A concave disc deflector or splash guard between the gearbox and the pump acts as a special guard against water entering the drive gear should the packing box not be kept properly packed.

**AIR CHAMBER.** An Air Chamber is fitted to each pump as standard.

### Special Feature

A special feature of these pumps is that a water by-pass is fitted as standard, to enable the engine to be started up free from load. This by-pass is opened when the unit is being started so that some of the water is by-passed from the discharge back into the suction. Then when the engine has got up to speed the by-pass is closed and the water is pumped along the discharge line.

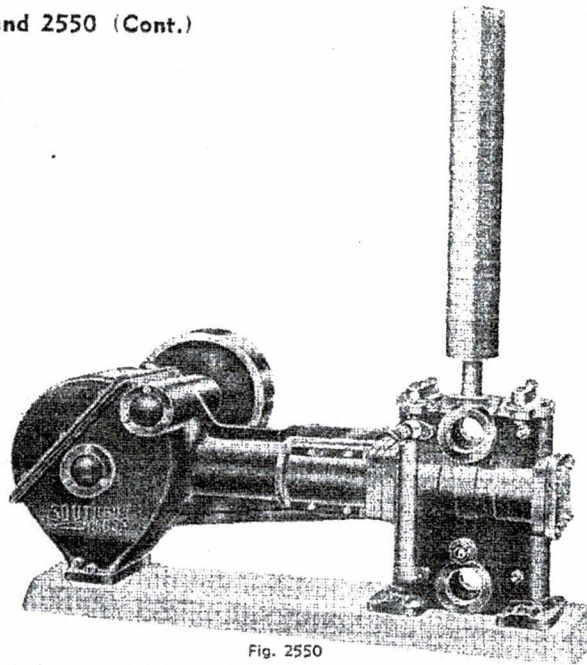


Fig. 2550

### PUMPING CAPACITIES AND PRICES

Mark	Bore	Stroke	Strokes Per Minute			Strokes Per Minute			Max. Head in feet	Min. H.P. Reqd. at Pump Pulley at 60 s.p.m.	Screwed		Pump Less Pulley
			40	50	60	40	50	60			Suc.	Dis.	
AN-E	2½ in.	5 in.	237	297	356	375	460	560	300	150ft. — 1½ H.P. 300ft. — 2½ H.P.	1½ in.	1½ in.	£41 0 0
AN-F	3 in.	5 in.	237	297	356	540	675	810	300	150ft. — 1½ H.P. 300ft. — 3 H.P.	1½ in.	1½ in.	£43 0 0
AN-G	3½ in.	5 in.	237	297	356	750	930	1125	300	150ft. — 2 H.P. 300ft. — 3½ H.P.	2 in.	1½ in.	£45 0 0
AN-H	4 in.	5 in.	237	297	356	975	1210	1460	150	75ft. — 1½ H.P. 150ft. — 3 H.P.	2 in.	1½ in.	£47 0 0
AN-J	5 in.	5 in.	237	297	356	1550	1950	2340	150	75ft. — 2½ H.P. 150ft. — 4 H.P.	2½ in.	2 in.	£50 10 0
AN-K	5 in.	6 in.	243	304	364	1875	2340	2810	300	150ft. — 4½ H.P. 300ft. — 8½ H.P.	3 in.	3 in.	£84 10 0
AN-L	6 in.	6 in.	243	304	364	2700	3375	4050	300	150ft. — 6½ H.P. 300ft. — 12½ H.P.	4 in.	4 in.	£102 0 0
			Strokes Per Minute			Strokes Per Minute							
			32	40	48	32	40	48					
			Pulley R.P.M.			Gals. Per Hour after allowing 10% for slip.							
			160	200	240	4000	5000	6000	300	150ft. — 9 H.P. 300ft. — 17 H.P.	4 in.	4 in.	£161 0 0

### PULLEYS.

#### For 5" stroke pumps.

Flat Belt Pulley 14¾" diam. x 4" face £2/-/- extra.

or

Vee Belt Pulley 17¾" P.C.D. with 4 "A" grooves £3/-/- extra.

#### For 6" stroke pumps.

Flat Belt Pulley 23" diam. x 6" face £3/-/- extra.

or

Vee Belt Pulley 18½" P.C.D. with 5 "C" grooves £4/10/- extra

#### For 8" stroke pumps.

Flat Belt Pulley 30" diam. x 6" face £4/-/- extra.

or

Vee Belt Pulley 28¾" P.C.D. with 6 "C" grooves £6/-/- extra.

Where a more compact installation is required than is obtainable with pump and prime mover mounted separately these pumps can be supplied coupled to a Southern Cross Engine by "V" belts and mounted on a steel base.

We will be pleased to quote for such a unit on receipt of enquiry.