



PAI Model HP28-5000 Pressure Pump

The PAI Model HP28-5000 Hydrostatic Pressure Pump is available skid-mounted for installation on customer truck or trailer, trailer-mounted, or skid-mounted with protection frame. Equipped with a Meyers triplex pump capable of up to 5,000 PSI hydrostatic test pressure. The unit is powered by a Caterpillar diesel engine (optional engines available) through a five speed transmission to provide a smooth approach to the test pressure as indicated below.



FEATURES

COMPACT SIZE

VERSATILE MOUNTING ARRANGEMENTS

RUGGED CONSTRUCTION FOR PIPELINE SERVICE

CAPACITY

3.85 GPM @ 5,000 PSI	0.0145 M ³	351.5 kg/cm ²
7.11 GPM @ 2,500 PSI	0.0269 M ³	175.0 kg/cm ²
12.62 GPM @ 2,000 PSI	0.0477 M ³	140.6 kg/cm ²
21.00 GPM @ 1,500 PSI	0.0794 M ³	105.0 kg/cm ²
26.00 GPM @ 1,000 PSI	0.0984 M ³	70.0 kg/cm ²

SHIPPING INFO

DIMENSIONS

Length	12'	365.76 cm
Height	6'7"	200.66 cm
Width	4'	121.92 cm
Weight	4,200 lbs.	1,904.76 kg



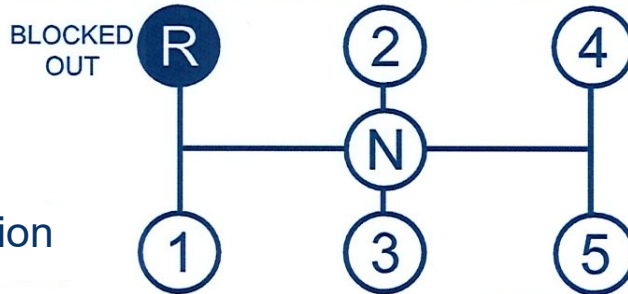
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OPERATING INSTRUCTIONS

NOTE: UNIT SHOULD BE ATTENDED BY OPERATOR AT ALL TIMES DURING OPERATION

GEAR SHIFT PATTERN

HP-28-5000
1 1/4" Plunger
3 3/4" Stroke
GPM Factor
.059 per revolution



OPERATION WITH ENGINE AT FULL THROTTLE: **R.P.M. 1800**

1. 5th GEAR RESTRICTED TO INITIAL START OF TEST
UP TO 1000 P.S.I. **26.00 GPM**
2. 4th GEAR TO BE USED FOR PRESSURING
UP TO 1500 P.S.I. **21.00 GPM**
3. 3rd GEAR TO BE USED FOR PRESSURING
UP TO 2000 P.S.I. **12.62 GPM**
4. 2nd GEAR TO BE USED FOR PRESSURING
UP TO 2500 P.S.I. **7.11 GPM**
5. 1st GEAR TO BE USED FOR PRESSURING
FROM 2500 P.S.I. UP **3.85 GPM**

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