

Hydraulic Power Supply The Hydraulic Power Supply furnishes the Exciter Head with its hydraulic pressure, flow and filtration requirements. Xcite Hydraulic Power Supplies present a unique approach to meeting the fluid power requirements of the exciter heads. Each unit is transportable and self-contained to permit use at virtually any test site, yet its low noise characteristics make it equally suited for laboratory use. Power supply control is located on the Master Controller for ease of use. All Xcite power supplies furnish 3000 psi of pressure and are available in models ranging from 1 GPM to 75 GPM.



Air Cooled Laboratory Hydraulic Power Supply



Water Cooled Laboratory Hydraulic Power Supply



Field Test Hydraulic Power Supply

- Transportability
- Quiet operation
- Pressure compensation and variable volume; provides energy consumption because it supplies only the flow demanded by the exciter head
- Housed in rugged, wheeled cabinet
- Low Maintenance
- 3 micron filtration
- Operation features: 3-phase power sequence indicator, temperature and filtration warning lights
- Automatic shutdown on over-temperature and clogged filter
- Polarized quick disconnects
- Available in air or water cooled models
- Available in 110V & 220V, 380V or 440V 3-phase models

Xcite Hydraulic Power Supplies



1001P Field Test HPS



1201B Laboratory HPS



1301B Laboratory HPS



1302C Laboratory HPS

Model Number	1001P	1201B	1301B	1302C
Flow	1.2 GPM (5 l/m)	5 GPM (20 l/m)	15 GPM (60 l/m)	15 GPM (60 l/m)
Pressure	3000 PSI (206 Bar)	3000 PSI (206 Bar)	3000 PSI (206 Bar)	3000 PSI (206 Bar)
Pump Type	Constant Displacement	Var. Vol/ Press. Comp.	Var. Vol/ Press. Comp.	Var. Vol/ Press. Comp.
Motor	3 HP	10 HP	30 HP	30 HP
Voltage	110/220 Switch Selectable	220/380/440 Specify	220/380/440 Specify	220/380/440 Specify
Current	20/10 Single Phase	30/17/15 A Three Phase	72/42/36 A Three Phase	72/42/36 A Three Phase
Reservoir Capacity	5 Gal (19 l)	15 Gal (57 l)	30 Gal (114 l)	40 Gal (151 l)
Reservoir Fill/Empty Pump	Yes	No	No	No
Cooling	Air/ Oil	Air/ Oil	Air/ Oil	Water/ Oil
Water Requirement	N/A	N/A	N/A	8 GPM/ 50 PSI/ 70 ° F max
Oil Filtration	5 Micron Absolute	5 Micron Absolute	5 Micron Absolute	5 Micron Absolute
Polarized Quick Disconnects	Yes	Yes	Yes	Yes
Max Ambient Temp	104 ° F (40 ° C)	104 ° F (40 ° C)	104 ° F (40 ° C)	104 ° F (40 ° C)
Cabinet	Roto-molded Plastic	Metal	Metal	N/A
Wheels	No	Yes	Yes	Yes
Shut Down on:				
Low Oil	Yes	Yes	Yes	Yes
Over Temp	Yes	Yes	Yes	Yes
Dirty Filter	No	No	No	No
Alarm Light on:				
Low Oil	No	Yes	Yes	Yes
Over Temp	No	Yes	Yes	Yes
Dirty Filter	No	Yes	Yes	Yes
Incorrect Phase	N/A	Yes	Yes	Yes
Emergency Stop	Yes	Yes	Yes	Yes
Pressure Gage	Yes	Yes	Yes	Yes
Temperature Gage	Yes	Yes	Yes	Yes
Oil Level Gage	Yes	Yes	Yes	Yes
Oil Required	Mobil DTE 24/25 or Equal	Mobil DTE 24/25 or Equal	Mobil DTE 24/25 or Equal	Mobil DTE 24/25 or Equal
Dimensions:				
Width	30 in (750 mm)	30 in (750 mm)	30 in (750 mm)	50 in (1250 mm)
Length	30 in (750 mm)	37 in (950 mm)	40 in (1000 mm)	36 in (1250 mm)
Height	36 in (900 mm)	53 in (1350 mm)	53 in (1350 mm)	50 in (1250 mm)
Weight w/o Oil	250 lbs (114 kg)	863 lbs (392 kg)	2000 lbs (909 kg)	1500 lbs (682 kg)
20 Ft (6 m) Power Cord	Yes	Yes	Yes	Yes