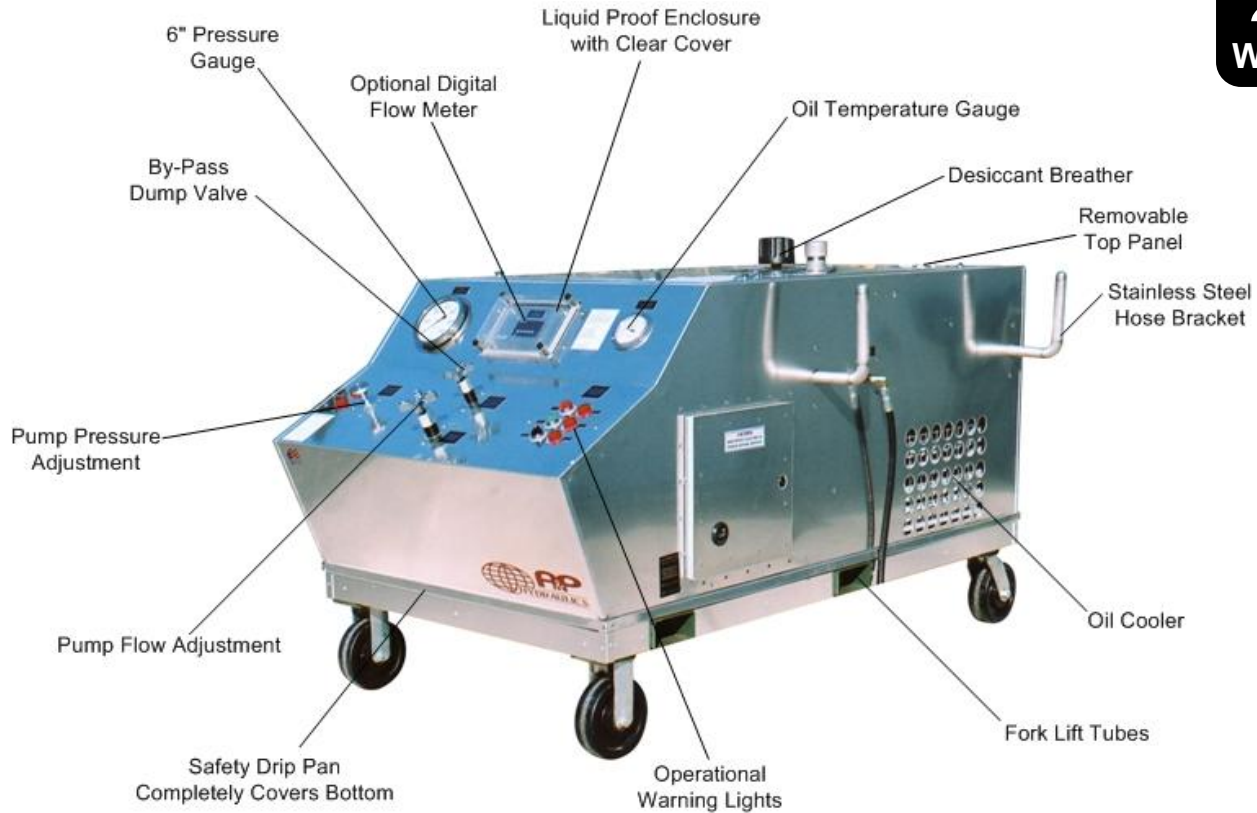


# HEAVY DUTY HYDRAULIC POWER UNIT

**710  
Series**

*Intelligent Engineering for Today's Aerospace Maintenance Industries*

**2 Year  
Warranty**



Model 05-719-05

*Shown with Optional Digital Flow Meter*

- **Performance Assured 100% Duty Cycle**
  1. Will deliver Maximum Flow @ Maximum Pressure
  2. Industrial Duty Lincoln® Motor
  3. Heavy Duty Motor Starter with Over Load Protection
- **Panel Mounted Controls for Ease of Operation and Safety**
  1. Complete Pump Flow Adjustment (0-Full GPM)
  2. Complete Pump Pressure Adjustment (250-Full PSI)
  3. By-Pass Dump Valve
- **Super Clean Filtration - Industry Leading Filtration Ensures Quality While Increasing Aircraft Component Life and Decreasing Aircraft Filter Changes**
  1. High Efficiency, Non-Bypass Pressure Filter (3 Micron Absolute)
  2. Large Capacity Return Filter (6 Micron Absolute)
  3. Desiccant (Water Absorbing) Reservoir Air Breather
- **Operational Warning Lights**
  1. Pressure Filter Condition LED Warning Indicator for Clogged Conditions
  2. High Fluid Temperature LED Warning Indicator
- **Instrumentation**
  1. High Pressure Dual Scale Flow Meter (4% accuracy)
  2. Optional Precise Digital Flow Meter (1% accuracy) Available
  3. Test Quality 6" Pressure Gauge (1% accuracy)
  4. Dual Scale Pyrometer / Oil Temperature Gauge
  5. Hour Meter (To Schedule Maintenance)
- **Durable 0.90 Brushed Aluminum Cabinet Construction**
  1. Large Hinged Rear Access Door Provides Convenient Access and Inspection
  2. Removable Top Panels for Ease of Access to Unit's Components
  3. No Exterior Paint to Fade or Chip with Usage
  4. Guaranteed Not to Rust



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ap-hydraulics.com

# HEAVY DUTY HYDRAULIC POWER UNIT

*Intelligent Engineering for Today's Aerospace Maintenance Industries*

**Standard Features:**

- All Welded .090 Aluminum Construction
- Heavy Duty Welded Frame with Fork Lift Tubes
- Removable Top Panels and Rear Door for Ease of Access to Unit's Components
- All Electrical Components Installed in Liquid Tight Enclosure (NEMA 4, 12)
- Optional Digital Flow Meter Installed in Skydrol Resistant Enclosure
- Guaranteed No Leaks, Aluminum Pan Completely Covers Bottom of Unit
- High Efficiency Aluminum Oil Cooler with 3 Phase Electric Fan
- Stainless Steel Reservoir (40 Gallons)
- Current Pressure Gauge and Flow Meter Certificate of Calibration
- Reservoir Selector Valves (to use either aircraft's or unit's reservoir)
- Standard #8 Pressure Hoses and #16 Return Hoses, 25 ft. (7.62 m) Long
- Standard 50 ft. ( 15.2 m) Electrical Input Cable
- Durable Aluminum, Laser Engraved Placards
- Panel Mounted Operational Instructions
- Easy Access Exterior Fluid Sampling Valve to Meet Quality Parameters
- Easy Maneuvering Ensured by Two Fixed and Two Swivel Castors with Stability Provided by the Heavy Duty Floor Lock
- Heavy Duty Bracket for Hose and Electrical Input Cord Storage

Dimensions: Length 76 in (193 cm), Width 44 in (112 cm), Height 44 in (112 cm)

<b>SPECIFICATIONS:</b>					
<b>SERIES MODEL</b>	<b>PUMP PRESSURE PSI (bar)</b>	<b>MOTOR HP (kw)</b>	<b>PUMP FLOW</b>		<b>WEIGHT Lbs. (kg)</b>
			<b>50 Hz GPM (lpm)</b>	<b>60 Hz GPM (lpm)</b>	
05-718-**	450 - 4000 PSI 30 - 272 bar	25 HP 19 kw	12 GPM 45 lpm	15 GPM 57 lpm	1425 lbs 646 kg
05-719-**	450 - 4000 PSI 30 - 272 bar	40 HP 30 kw	16.7 GPM 65 lpm	20 GPM 76 lpm	1750 lbs 793 kg

\*\*Model by Fluid Type: Mil-H-5606 = 02 Mil-H-83282 = 03 Skydrol = 05

