Parker HP2 Series
Integrated Tandem Hydrostatic Pumps

Benefits for OEMs
Parker’s HP2 series is the only tandem closed loop variable displacement piston pump featuring integrated oil reservoir, filter, cooling fan and shock valves. HP2 tandem pump enables manufacturing cost reduction, while delivering the highest durability in class. High serviceability and ease of maintenance, with extended oil change intervals, lower the cost to own to the end-user. The integrated HP2 compact design, including direct engine drive option, means more design flexibility for power system design and specification, translating to potentially more efficient power to weight ratios.

Benefits for Turf Owner/Operators
The HP2’s compact design means more efficient power generation and less weight. Owner/Operators can spend more time cutting and less time in maintenance because the HP2, when filled with HT-1000 engineered hydraulic fluid, easily achieves 1,000 hours between fluid replacements.

Integrated Design Features
- Two connected in-line piston pumps
- 2.5 qt. reservoir
- 20 micron filter
- Cooling fan
- 3.2 cc charge pump
- Shock valves optional
- SAE-B two (2) bolt mount
- 20 mm double D shaft (standard)
- Straight, keyed shafts are available

Contact information
Parker Hannifin Corporation
Pump & Motor Division
2745 Snapps Ferry Road
Greeneville, TN 37745

phone 423-639-8151
fax 423-787-2418

www.parker.com/pumpmotor

<table>
<thead>
<tr>
<th>Pump Displacement (cc/rev)</th>
<th>11.5/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Pressure (bar)</td>
<td>180 int. (90 cont.)</td>
</tr>
<tr>
<td>Maximum Pressure (psi)</td>
<td>2600 int. (1300 cont.)</td>
</tr>
<tr>
<td>11.5 cc/rev Maximum Flow (lpm)</td>
<td>41.3</td>
</tr>
<tr>
<td>11.5 cc/rev Maximum flow (gpm)</td>
<td>10.9</td>
</tr>
<tr>
<td>16 cc/rev Maximum Flow (lpm)</td>
<td>57.9</td>
</tr>
<tr>
<td>16 cc/rev Maximum Flow (gpm)</td>
<td>15.3</td>
</tr>
</tbody>
</table>
Parker HP2 Series
Integrated Tandem Hydrostatic Pumps

Integrated Design
• Eliminates extra hoses, clamps, hardware and assembly time
• Provides for easier installation & assembly

HP2 Direct Drive Design Option
• Parker patented design HP2 tandem piston pump with possible engine direct drive allows machine simplification removing pulleys and belt

High Efficiency
• HP pumps designed for superior performance, longer life
• In combination with Parker LSHT motors, provide up to 20% more efficiency than other pump & motor systems

Modular System Provides Ultimate Design Flexibility
• Easily connects to various Parker Torqmotors
• Pump & motor selections to meet torque and speed desired

Market Applications
HP2 series is the only integrated tandem closed loop pump designed specifically for turf split system:
• Commercial turf equipment
• Aerators/sprayers

Parker HT-1000 has a unique additive chemistry designed to maximize oil life while providing optimum anti-wear protection for the components of today's advanced hydrostatic drive systems. Engineered to permit change interval to 1,000 hours.

WARNING
This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.