WindMaster Composite Standard Fans are the ideal combination for superior performance.

WindMaster Composite Standard Fans, available in diameters of 34” to 47”, feature plastic fan blades attached to metal spiders. This gives you the best of both worlds. You get a metal fan’s capability to twist the fan spider angle to the optimized position. Plus you receive the lighter weight and added efficiency of plastic fans blade design.

Benefits
- High efficiency
- Strength
- Lighter weight
- Cost-effective
- Compatible with all Horton and competitive fan drives

Features
- Molded blade shape
- High-performance metal and plastic

Applications
- Off-highway equipment
- Industrial equipment
- Trucks
- Buses

Specifications
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameters:</td>
<td>34”-47” [864-1,194 mm]</td>
</tr>
<tr>
<td>Blade configurations:</td>
<td>6- and 8-blade</td>
</tr>
<tr>
<td>Standard Pilots:</td>
<td>1-7” [25-178 mm]</td>
</tr>
<tr>
<td>Pitch Width (Maximum):</td>
<td>5.3” [135 mm]</td>
</tr>
</tbody>
</table>

WindMaster Composite and Metal Fans are made to customer performance specifications. If you are interested in having a fan designed for your application, contact Horton at 1-800-621-1320.
WindMaster Metal Standard Fans

WindMaster Metal Standard Fans are custom designed to meet your precise application requirements for airflow, size, blade width, shroud type, tip clearance, fan pulley ratio, fan speed range and other factors. Our experienced and technical experts work with you to determine the right fan for your light-, medium- or heavy-duty cooling needs.

**Benefits**
- Custom designed to meet application requirements for airflow, cooling and efficiency
- Durable
- Competitively priced
- Optional flare tip blades for better cooling and closer tip tolerances
- Compatible with all Horton and competitive fan drives

**Features**
- High-strength steel or aluminum blades
- Single, double or quad spider design
- Pusher or puller options available
- Riveted construction – with no welded components for long-term strength
- Proprietary hub designs offer either straight bore or taper-lock bushing options for shaft mounting
- E-coat offers salt spray resistance while providing a medium gloss finish

**Applications**
- Off-highway equipment
- Light-duty trucks
- Rear-engine buses
- Motor coaches
- Industrial equipment such as compressors and power generators

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameters:</td>
<td>10&quot;-96&quot; [254-2,438 mm]</td>
</tr>
<tr>
<td>Blade configurations:</td>
<td>4-, 6-, 7-, 8- and 11-blade</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.5 lbs. [.68 kg] and up</td>
</tr>
<tr>
<td>Recommended Max. Fan Tip Speed:</td>
<td>15,000 feet per minute (single spider)</td>
</tr>
<tr>
<td>(Actual fan speed - see below)</td>
<td>18,000 feet per minute (double and quad spider)</td>
</tr>
</tbody>
</table>

Fan speed (RPM) = Tip speed X 12 / Fan diameter (inches) X 3.1416.

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