LeanClean™ 360
Rotary Basket Parts Washers

Cleans Better Than Solvents

It’s All in the Action!

Jensen Fabricating Engineers, Inc.
jenfab.com
**It’s All in the Action!**

Baskets are rotated in solution, where underwater jets constantly purge the submerged parts with fresh, filtered solution. Even the most complex parts with internal passages and deep blind holes are thoroughly cleaned. Chips, soils and oils are continually removed to ensure cleaner parts. The cleaning cycle is followed by a combination of spray and immersion rinse, with optional fresh water, DI or RO rinse. Parts are 100% dried in a minimal amount of time. Baskets are loaded side by side... never stacked one on top of another. Ultrasonics are available for the most critical, high precision cleaning specifications.

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### SPECIFICATIONS*

<table>
<thead>
<tr>
<th>Work Envelope</th>
<th>LeanClean 360-1</th>
<th>LeanClean 360-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycles/Hr</td>
<td>12&quot; x 20&quot; x 6&quot;</td>
<td>26&quot; x 21.5&quot; x 8&quot;</td>
</tr>
<tr>
<td></td>
<td>8 Kaydon-style Baskets 2.7 cubic ft/hr</td>
<td>16 Kaydon-style Baskets 5.4 cubic ft/hr</td>
</tr>
<tr>
<td></td>
<td>8 JENFAB Baskets 6 cubic ft/hr</td>
<td>16 JENFAB Baskets 15.5 cubic ft/hr</td>
</tr>
<tr>
<td>Tank and Housing Material</td>
<td>304 Stainless</td>
<td>304 Stainless</td>
</tr>
<tr>
<td>Tank Volume: Wash / Rinse</td>
<td>75 Gallons each</td>
<td>200 Gallons each</td>
</tr>
<tr>
<td>Pump Volume: Wash / Rinse</td>
<td>60 GPM @ 40 PSIG</td>
<td>120 GPM @ 40 PSIG</td>
</tr>
<tr>
<td>Solution Temperature</td>
<td>160°</td>
<td>160°</td>
</tr>
<tr>
<td>Dryer Blower</td>
<td>1600 CFM @ 4&quot; S.P. Recirculating</td>
<td>3000 CFM @ 4&quot; S.P. Recirculating</td>
</tr>
<tr>
<td>Dryer Heat</td>
<td>10 KW</td>
<td>20 KW</td>
</tr>
<tr>
<td>Dimensions / Floor Space</td>
<td>3.5&quot; W x 5.6&quot; D x 7’6” H (19 sq ft)</td>
<td>6’ W x 7’ D x 7’6” H (42 sq ft)</td>
</tr>
<tr>
<td>Sound Level</td>
<td>&lt; 75 DBA</td>
<td>&lt; 75 DBA</td>
</tr>
</tbody>
</table>

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### Only LeanClean Offers all these Features

**Superior Ultrasonic Action**

- Advanced tubular transducers with instant degasing for the most powerful ultrasonic cleaning available: More powerful than bonded transducers; 100% of energy used for cleaning

**Multiple Program Cycles**

**Ultra-Fast, Energy-Saving Super Dryer**

- Unique, recirculating design is proven to dry the most baskets per hour
- Ventilation Normally Not Required

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**STANDARD LEANCLEAN FEATURES**

- 360° Basket Rotation for Cleaning Blind Holes and Deep Cavities
- 42” Load Height
- Fork Lift Pockets
- Stainless Steel Filters
- Chip Collection Baskets (Easy Lift Out)
- Auto Level Controls & Low Level Protection
- 24V Control System
- PLC Controlled
- Color HMI with Diagnostics
- Drain Plumbing
- Single Point Service Connections
LeanClean 360-4
50" x 21.5" x 8"
32 Kaydon-style Baskets 8.1 cubic ft/hr
32 JENFAB Baskets 31 cubic ft/hr
304 Stainless
350 Gallons each
180 GPM @ 40 PSIG
160°
6000 CFM @ 4” S.P. Recirculating
40 KW
8’ W x 8’D x 7’H (64 sq ft)
<75 DBA

LeanClean 360-8
50" x 24" x 18"
48 Kaydon-style Baskets 13.5 cubic ft/hr
48 JENFAB Baskets 46.5 cubic ft/hr
304 Stainless
375 Gallons each
Wash - 250 GPM @ 40 PSIG; Rinse - 180 GPM @ 40 PSIG
160°
8000 CFM @ 4” S.P. Recirculating
60 KW
8’ W x 9’D x 7’H (72 sq ft)
<75 DBA

OPTIONS ON LEANCLEAN
• Adjustable Basket Rotation 10-60° each side of center for delicate parts that cannot be rotated
• Ultrasonics (25 kHz, 40 kHz)
• Custom Machines for Citric / Nitric Acid Passivation
• Auto Load / Unload
• Coalescing Oil Separator / Oil Skimmer
• Final Fresh Water Rinse - DI - RO
• Custom Sizes Available for Larger Work Loads
• Additional Tanks Available on 360-2, 4, & 8 Models
• Ethernet and/or modem dial-up remote access
• UL - CE Mark

Standard Wash Cycle:
Pre wash flush
Wash-Turbulated
Drain
Pre rinse flush
Rinse-turbulated
Drain
Dry

Precision Clean Cycle
Pre wash flush
Wash-turbulated
Ultrasonic wash
Drain
Pre rinse flush
Turbulated rinse
Ultrasonic rinse
Drain
DI/RO Rinse
Drain
Dry
**JENFAB LeanClean™ 360 Series**

**Ergonomically Designed:**

*Never lift, lean or lower... Just place baskets on waist high shelf, slide in, slide out! Never stack.*

Tubular ultrasonics and multiple, programmable cycles clean aerospace, automotive and other parts to precision standards.

The **360-8 Jumbo** cleans large parts placed in special baskets or fixtures. It is widely used in MRO operations for cleaning wheels, transmission components and engine parts in commercial airline and defense industries.

Right: Typical part cleaned in 360-8 Jumbo

All specifications subject to change

**Before You Buy, Test Your Parts in Our Production Size Test Machines. Call for Details:**

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