Dual Shaft (CDA 500 - 1000) Specifications and Dimensions

STANDARD FEATURES:
- Change can design
- Dual hydraulic cylinder vertical lift design with push button control for raising and lowering agitators to and from the operating position
- Floor mounted design
- Stainless steel type 304 wetted parts with 80 grit polish
- Non-Stainless steel components are finished with a durable two-part epoxy coating
- Two independently-driven agitators including an Anchor and a High Speed Disperser
- Totally enclosed fan cooled (TEFC) motors designed for 230/460 volt, 3 phase, 50/60 Hz
- Safety limit switch to prevent operation of the agitators when the mix vessel is removed from the mixing position

AVAILABLE OPTIONS:
- Wetted parts of stainless steel type 316, Hastelloy or other special alloys
- Sanitary design with special seals, polishes, connections and carbon or stainless steel mixer sheathing
- Full vacuum and/or internal pressure
- High Shear Rotor/Stator Mixer available in lieu of High Speed Disperser
- Special motors including explosion proof and various voltages and frequencies
- Sight/Charge ports, inlet/outlet nozzles and flush tank discharge valves
- Temperature probes, pressure transducers and other batch sensors
- Jacketed mix vessel for heating and/or cooling
- Internally-machined mix vessel for use with a Ross Discharge System
- Controls including variable frequency drives, explosion-proof operator stations and Human Machine Interfaces
- Vacuum pump, heater and/or chiller and other auxilliary equipment
- Custom agitators and other special features can be incorporated in the design

<table>
<thead>
<tr>
<th>Model</th>
<th>Mixing Capacity</th>
<th>Anchor</th>
<th>High Speed Disperser</th>
<th>Overall Lowered Height</th>
<th>Overall Raised Height</th>
<th>Overall Width</th>
<th>Overall Length</th>
<th>Mix Vessel Overall Height</th>
<th>Mix Vessel Overall Diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDA-500</td>
<td>500</td>
<td>25</td>
<td>23</td>
<td>50</td>
<td>1200</td>
<td>152</td>
<td>209</td>
<td>93</td>
<td>63</td>
<td>81</td>
</tr>
<tr>
<td>CDA-1000</td>
<td>1,000</td>
<td>30</td>
<td>30</td>
<td>75</td>
<td>900</td>
<td>176</td>
<td>252</td>
<td>115</td>
<td>75</td>
<td>101</td>
</tr>
</tbody>
</table>

CHARLES ROSS & SON COMPANY
P.O. Box 12308, 710 Old Willets Path, Hauppauge, NY 11788
- Telephone: 631-234-0500 • Fax: 631-234-0691
- Website: www.mixers.com • Email: sales@mixers.com