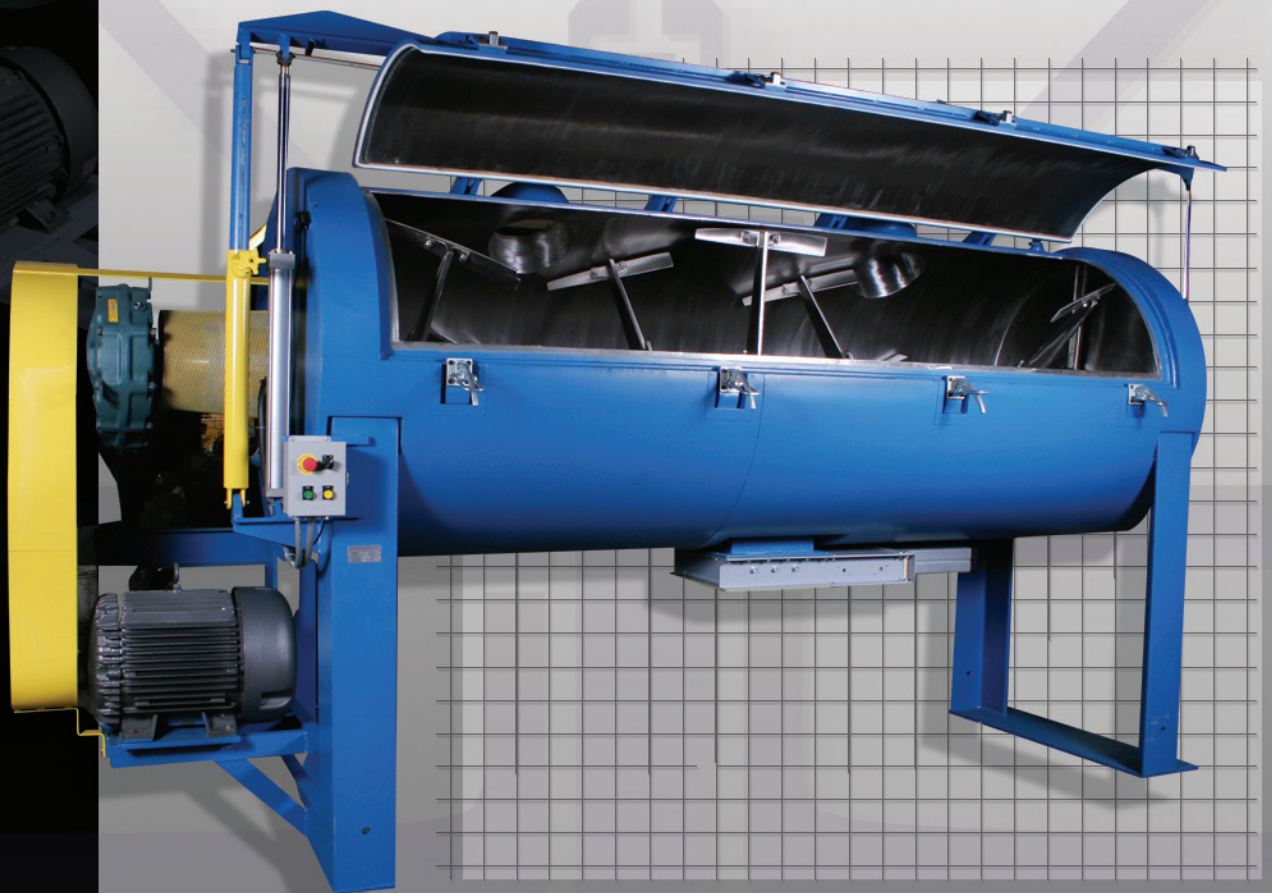




RELIANCE INDUSTRIES

❖ HORIZONTAL COOLER MIXERS

HCM SERIES



- 18 month warranty
- 60 psi pressure rated jacket allows for turbulent flow of chilled water
- Most cooling surface area in the industry. Rapid Heat Transfer
- Split Seal Design
Easy Maintenance and less downtime

Jacketed Ends



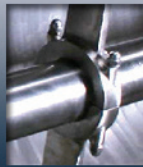
- Ends of cooler are jacketed
- Higher cooling surface area
- Most efficient cooler in the market

Air Purge Split Seals

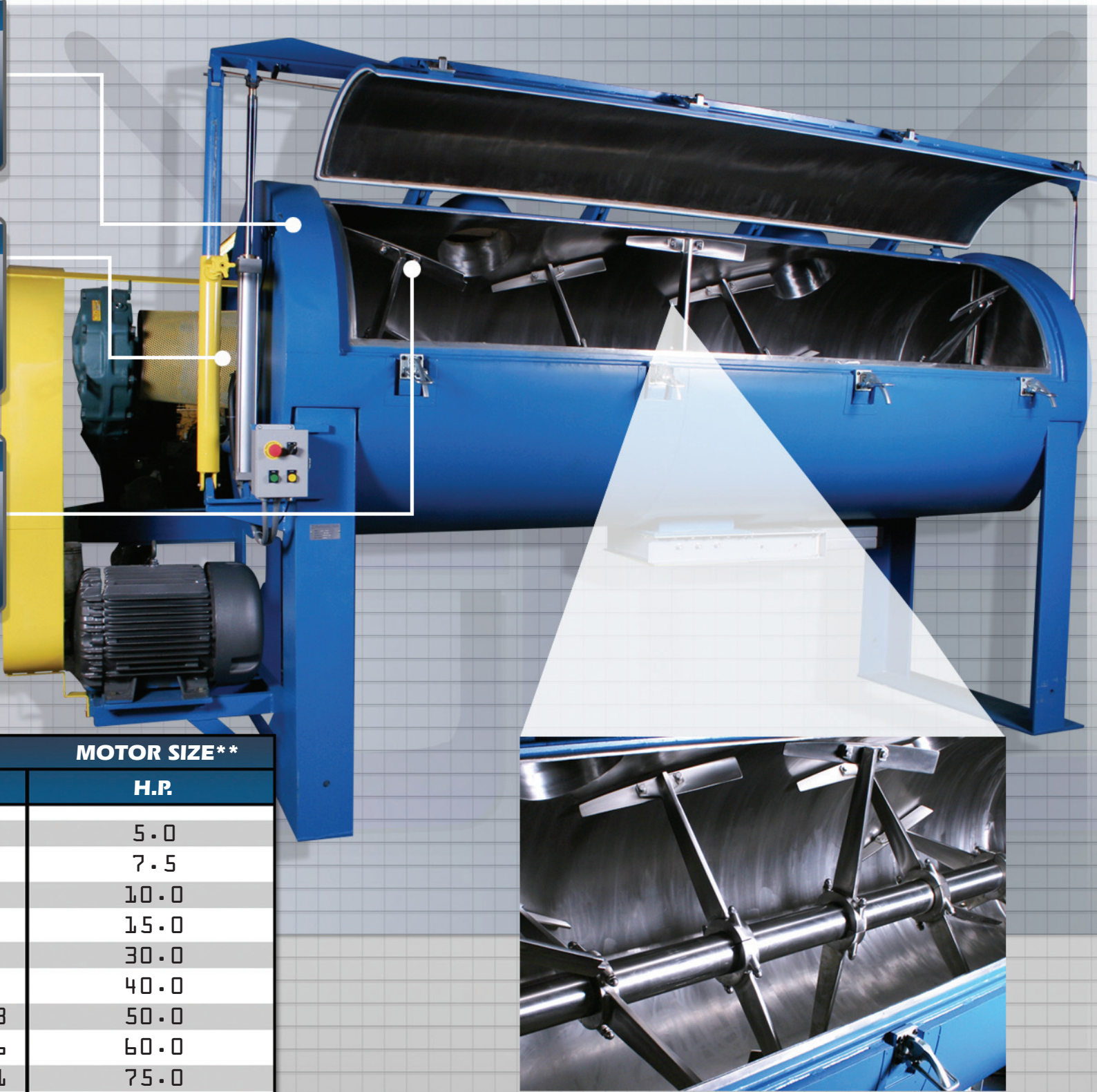


- Change seals without removal of any bearings, drives, etc.

Split Cooling Tools



- Tools are made of a split hub design
- Easily remove/change arm without removal of shaft



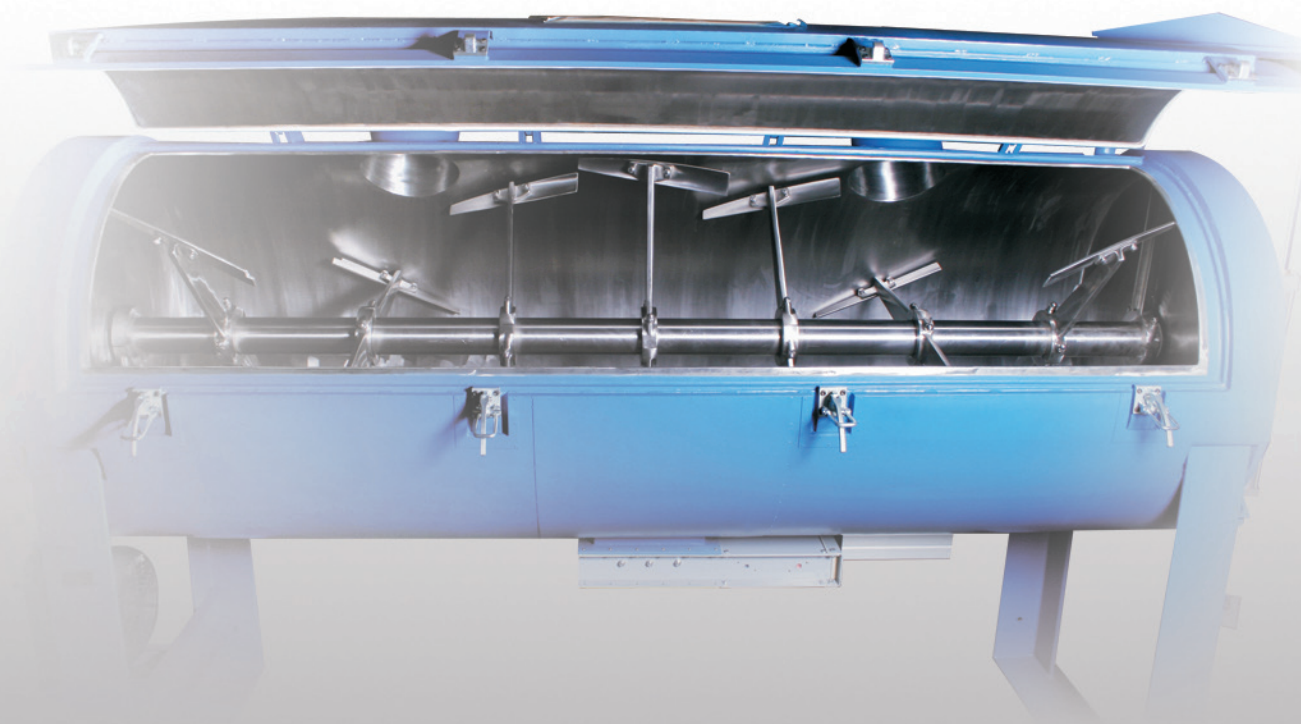
Standard Features

- 1/2" thick inner cylinder on larger units
- Clam Shell Lid
- Hydraulically operated lid lift for a more reliable/safer operation (hydraulic power unit included)
- Number and size of inlets as per customer's requirements
- Temperature sensor
- Dished ends for extended life
- Up to 18" square discharge, for less cycle time

Available Options

- Insulation for higher efficiency
- Dual discharge
- Controls
 - Manual, semi-automatic, automatic
 - Variable frequency drive
 - Touch screen controls
- Wear resistant coating without reducing heat transfer rate
- Chopper assemblies
- Water bypass system
- Sample port

MODEL	TOTAL CAPACITY		MOTOR SIZE**
	LITERS	CU.FT.	H.P.
HCM-150	154.9	5.5	5.0
HCM-300	311.0	11.0	7.5
HCM-600	601.7	21.2	10.0
HCM-1200	1200.7	42.4	15.0
HCM-1800	1897.6	67.0	30.0
HCM-2400	2543.4	89.8	40.0
HCM-3000	3067.0	108.3	50.0
HCM-4200	4265.4	150.6	60.0
HCM-6000	6177.3	218.1	75.0
HCM-8000	7807.0	275.7	100.0



GENERAL APPLICATION	INDUSTRY
<ul style="list-style-type: none"> • Homogenized & Heated Mixing • Drying & Degassing • Fusing • Surface Coloring • Densifying • Agglomerating • Grinding & Pulverizing • Dissolving & Melting • Preparation of Master Batches 	<ul style="list-style-type: none"> • Plastic Processing • Powder Coating and Toner • Food and Pharmaceutical • Cosmetics • Liquid Paints • Rubber • Wood Composites • Chemical



RELIANCE INDUSTRIES

1900 FM 1092

Missouri City, Texas 77459

PH: 281-499-9926 / (800) 353-0472/ FAX: 281-499-4308

www.reliancemixers.com

EMAIL: sales@reliancemixers.com