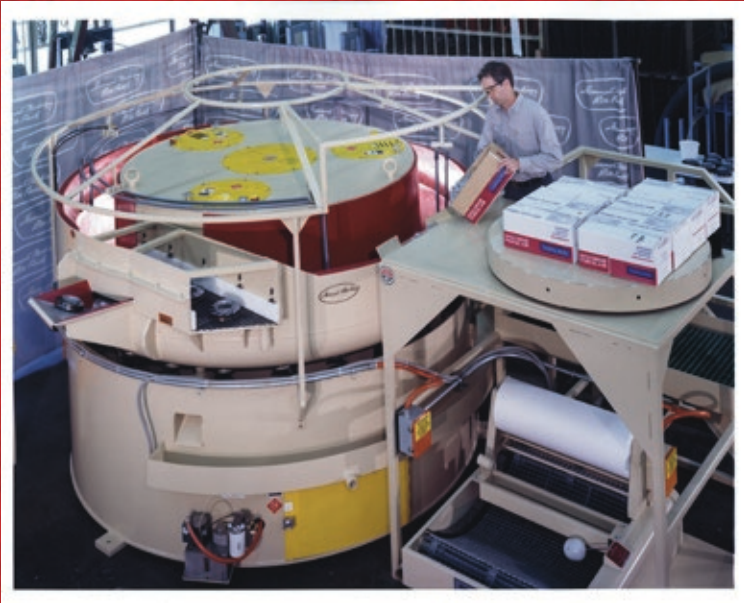


HR LONG RADIUS

Hammond **ROTO FINISH**

VIBRATORY FINISHING MACHINES

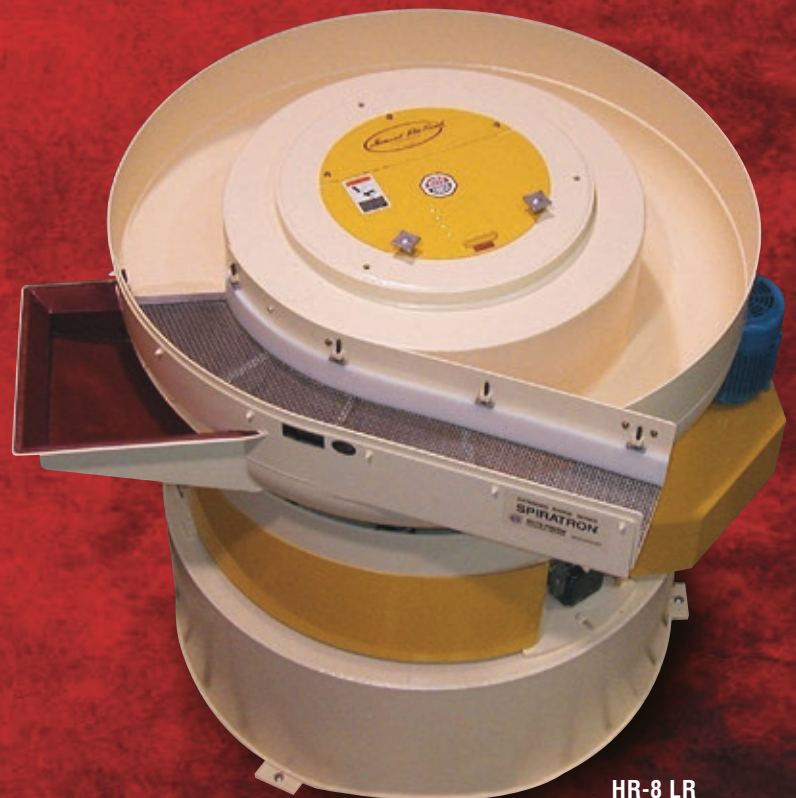


The Hammond Roto-Finish **HR Long Radius Series** of Vibratory Machines are designed for a very high range of performance. The Long Radius has many advantages over the standard HR Machines:

- **Higher Amplitude**
- **More Uniform Part Processing**
- **Better Feed for Longer Parts**
- **Capable of Continuous or Batch Processing**

FEATURES

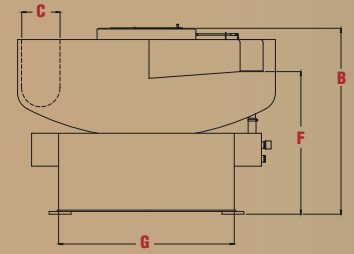
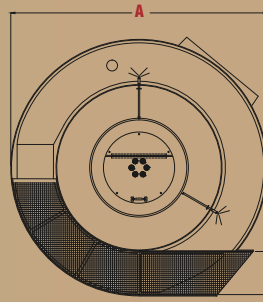
- **Heavy Duty Welded Steel Construction**
Main building component of the bowl is 1/2" thick pressure vessel material.
- **Cast Polyurethane Liner**
Polyurethane liner is cast, not sprayed on, improving media rebound and providing more wear depth.
- **"U" Shaped Straight or Curved Wall Processing Bowl**
- **Full 90° Wrap-Around Separation Screen**
- **Premium Efficiency, T-frame Motor 230 or 460/3/60**
Specify 230 or 460 volts. Motor is mounted to non-vibrating base. Belt drive to main shaft for 1,250 V.P.M.
- **Recirculating Oil Lubrication System**
Oil return flow is monitored so even line breaks will be detected. Mounted in machine base. Available externally for ease of service.
- **Water-Driven Compound System**



HR-8 LR

HR LONG RADIUS Series

Specifications



MODEL	Total Capacity L (cu.ft.)	Max Working Capacity L (cu.ft.)	A Overall Diameter mm (in.)	B Overall Height mm (in.)	C Process Channel Width mm (in.)	D Center Column Diameter mm (in.)	E Screen Deck Width mm (in.)	F Screen Deck Height mm (in.)	G Base Diameter mm (in.)	Drain Sizes mm (in.) / # of Drains	Motor Horse Power kw (HP)	460 Volts Amp Load	230 Volts Amp Load	Aprox Shipping Weight kg (lbs.)
HR-8 LR LRB	555 (18.5)	240 (8.2)	1879 (74)	1194 (47)	259 (10.2)	1298 (51.1)	216 (8.5)	1041 (41)	1702 (67)	101.6 (4) /3	5.67 (7.5)	14	25	2492 (5,500)
HR-8 LRFB	555 (18.5)	240 (8.2)	1879 (74)	1194 (47)	259 (10.2)	1298 (51.1)	N/A	N/A	1702 (67)	101.6 (4) /3	5.67 (7.5)	14	25	2492 (5,500)
HR-15 LR LRB	831 (27.7)	425 (15)	2134 (84)	1488 (58.6)	305 (12)	1410 (55.5)	337 (13.25)	1257 (49.5)	1595 (62.8)	101.6 (4) /3	7.5 (10)	17	31	4763 (10,500)
HR-15 LRFB	831 (27.7)	425 (15)	2134 (84)	1488 (58.6)	305 (12)	1410 (55.5)	N/A	N/A	1595 (62.8)	101.6 (4) /3	7.5 (10)	17	31	4763 (10,500)
HR-20 LR LRB	1500 (50.3)	566 (20)	2337 (92)	1524 (60)	356 (14)	2057 (81)	381 (15)	1219 (48)	2134 (84)	101.6 (4) /3	15.1 (20)	26.7	53.4	5280 (11,640)
HR-20 LRFB	1500 (50.3)	566 (20)	2337 (92)	1524 (60)	356 (14)	2057 (81)	N/A	N/A	2134 (84)	101.6 (4) /3	15.1 (20)	26.7	53.4	5280 (11,640)
HR-30 LR LRB	2079 (69.3)	849 (30)	3048 (120)	1549 (61)	394 (15.5)	2210 (87)	381 (15)	1283 (50.5)	2959 (116.5)	101.6 (4) /7	18.64 (25)	38	68	7711 (17,000)
HR-30 LRFB	2079 (69.3)	849 (30)	3048 (120)	1549 (61)	394 (15.5)	2210 (87)	N/A	N/A	2959 (116.5)	101.6 (4) /7	18.64 (25)	38	68	7711 (17,000)
HR-40 LR LRB	2520 (83.9)	1132 (40)	3175 (125)	1549 (61)	425 (16.75)	2248 (88.5)	424 (16.7)	1168 (46)	2959 (116.5)	101.6 (4) /7	18.64 (25)	38	68	8165 (18,000)
HR-50 LR LRB	3138 (110)	1416 (50)	3556 (140)	1956 (77)	432 (17)	2616 (104)	432 (17)	1422 (56)	2641 (104)	101.6 (4) /6	22.37 (30)	44	84	9583 (22,000)

Abbreviation Key

- LR** - Long Radius, straight wall with internal separation
- LRB** - Long Radius Burnisher, curved wall with internal separation
- LRFB** - Long Radius Flat Bottom, without internal separation



MODELS

HRC-8 LR/LRB/LRFB

- Single Drive System
- Semi-Automatic Control Panel
- Digital Process Timer
- Water Driven Compound System
- Manual Lever Gate
- Recirculating Oil Lube System
- Internal Stainless Wrap Screen

HRC-15 & 20 LR/LRB/LRFB

- Single Drive System
- Semi-Automatic Control Panel
- Digital Process Timer
- Water Driven Compound System
- Pneumatic Gate
- Recirculating Oil Lube System
- Internal Stainless Wrap Screen

HRC-30, 40 & 50 LR/LRB/LRFB

- Triple Drive System
- Semi-Automatic Control Panel
- Digital Process Timer
- Water Driven Compound System
- Pneumatic Gate
- Recirculating Oil Lube System
- Internal Stainless Wrap Screen