



1300 Northwestern Avenue.
 Gurnee, IL. 60031-2348
 Phone: (847) 662-4000
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MODEL 16 – P "RED HEAD" MILL

CAPACITY: High Viscosity Mill Base: (140 K. U. at room temperature)
 60 – 160 gallons per hour (228 – 608 liters) Figures are conservative.

INSTALLATION DATA: Weight: 3,260 Pounds (1,467 Kg)
 Base Area: 16.6 Sq. Ft. (1.51 Sq. Meter)
 Floor Load: 217 Lb./Sq.Ft.(858 Kg/Sq.Meter)
 Height: 84-1/4" (2106 mm)

POWER: High starting torque motors – 30 H. P. (Standard)

PUMP RANGE: 43 – 302 Gallons per hour (163 – 1148 liters)

PUMPS: Standard: Viking HL – 125 – Feed Pump
 Pump Drive: 1 H. P. Variable Speed Drive
 Takeaway Pump: Available (Optional)

**Almost any pump can be adapted.

VESSEL: Inside Diameter: 10" (250 mm)
 Wall Thickness: 3/8" (9mm)
 Jacket Wall Thickness: 3/16" (5 mm)
 Water Connections: 1" NPT
 Feed Hose: 1" NPT

VOLUMES: Gross Vessel: 10.9 Gallons (41.4 Liters)
 Screen: 7.7 Gallons (29.3 Liters)
 Trapped Liquid: 3.3 Gallons (12.5 Liters)

MEDIA Silica: 145 Pounds (65.3 Kg)
 Glass Beads: 145 Pounds (65.3 Kg.)
 Z – Beads: 174 Pounds (78.3 Kg)
 Zirconium Oxide: 247 Pounds (111.0 Kg)
 Steel Shot: 348 Pounds (156.7 Kg)

SCREEN: Material: 45 Mesh Nickel
 Size: 12 – 3/8" Diameter x 14-3/4" High
 (309 mm x 369 mm)
 Screen Area: 570 Sq. In. (0.37 Sq. Meters)

DISCS: Standard: High Chrome Alloy Spoke Discs
 In – Vessel: 8 – 1/4" Diameter (206.3 mm)
 In – Screen Area: 10" Diameter (250.0 mm)
 Agitator RPM: 902 Disc Tip Speed Approx. 10 M/S

WE COMPLETE THE CYCLE

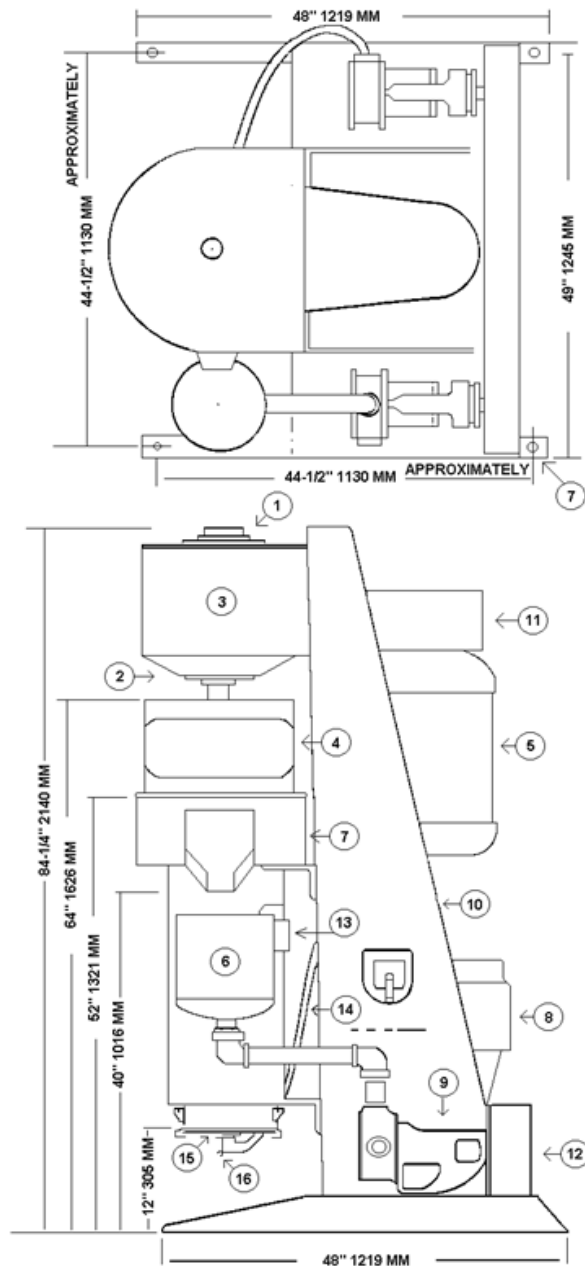


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1. TOP BEARING
2. LOWER BEARING
3. BEARING HOUSING
4. FUME GUARD
5. MAIN DRIVE MOTOR
6. HOPPER
7. VESSEL
8. PUMP DRIVE MOTOR
9. PUMPS
10. FRAME
11. BELT GUARD
12. CHAIN GUARD
13. MICRO SWITCH
14. FEED HOSE
15. CHECK VALVE
16. PET COCK
17. HOLES FOR LAGGING ϕ 7/8"

APPROXIMATE WEIGHT IS 3260 LBS
1467 KG



WE RESERVE THE RIGHT TO CHANGE DIMENSIONS AND DESIGN WITHOUT NOTICE

WE COMPLETE THE CYCLE