



1300 Northwestern Avenue.
Gurnee, IL. 60031-2348
Phone: (847) 662-4000
Fax: (847) 662-4003

Email: sales@cbmills.com
Web: www.cbmills.com

MODEL 30 – P "RED HEAD" MILL

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| <u>CAPACITY:</u> | High Viscosity Mill Base: (140 K. U. at room temperature) 100 – 350 gallons per hour (380 – 1,330 liters) Figures are conservative. | |
| <u>INSTALLATION DATA:</u> | Weight: | 4,000 Pounds (1,800 Kg) |
| | Base Area: | 20.6 Sq. Ft. (1.85 Sq. Meter) |
| | Floor Load: | 194 Lb./Sq. Ft. (973 Kg/Sq. Meter) |
| | Height: | 100-1/4" (2506 mm) |
| <u>POWER:</u> | High starting torque motors – 50 H. P. (Standard) | |
| <u>PUMP RANGE:</u> | 86 – 596 Gallons per hour (326 – 2,256 liters) | |
| <u>PUMPS:</u> | Standard: | Viking K-125 Feed Pump |
| | Pump Drive: | 1-1/2 H. P. Variable Speed Drive |
| | Takeaway Pump: | Available (Optional) |
| | **Almost any pump can be adapted. | |
| <u>VESSEL:</u> | Inside Diameter: | 12" (300 mm) |
| | Wall Thickness: | 3/8" (9mm) |
| | Jacket Wall Thickness: | 3/16" (5 mm) |
| | Water Connections: | 1" NPT |
| | Feed Hose: | 1" NPT |
| <u>VOLUMES:</u> | Gross Vessel: | 21.7 Gallons (82.5 Liters) |
| | Screen | 11.8 Gallons (44.8 Liters) |
| | Trapped Liquid | 6.3 Gallons (24.0 Liters) |
| <u>MEDIA</u> | Silica: | 270 Pounds (121.5 Kg) |
| | Glass Beads: | 270 Pounds (121.5 Kg.) |
| | Z – Beads: | 324 Pounds (145.8 Kg) |
| | Zirconium Oxide: | 459 Pounds (206.5 Kg) |
| | Steel Shot: | 540 Pounds (243.0 Kg) |
| <u>SCREEN:</u> | Material: | 45 Mesh Nickel |
| | Size: | 14 – 3/8" Diameter x 16-3/4" High (359 mm x 419 mm) |
| | Screen Area | 752 Sq. In. (0.48 Sq. Meters) |
| <u>DISCS:</u> | Standard: | High Chrome Alloy Spoke Discs |
| | In – Vessel: | 10" Diameter (250 mm) |
| | In – Screen: | 12" Diameter (300 mm) |
| | Agitator RPM: | 766 Disc Tip Speed Approx. 10 M/S |

WE COMPLETE THE CYCLE

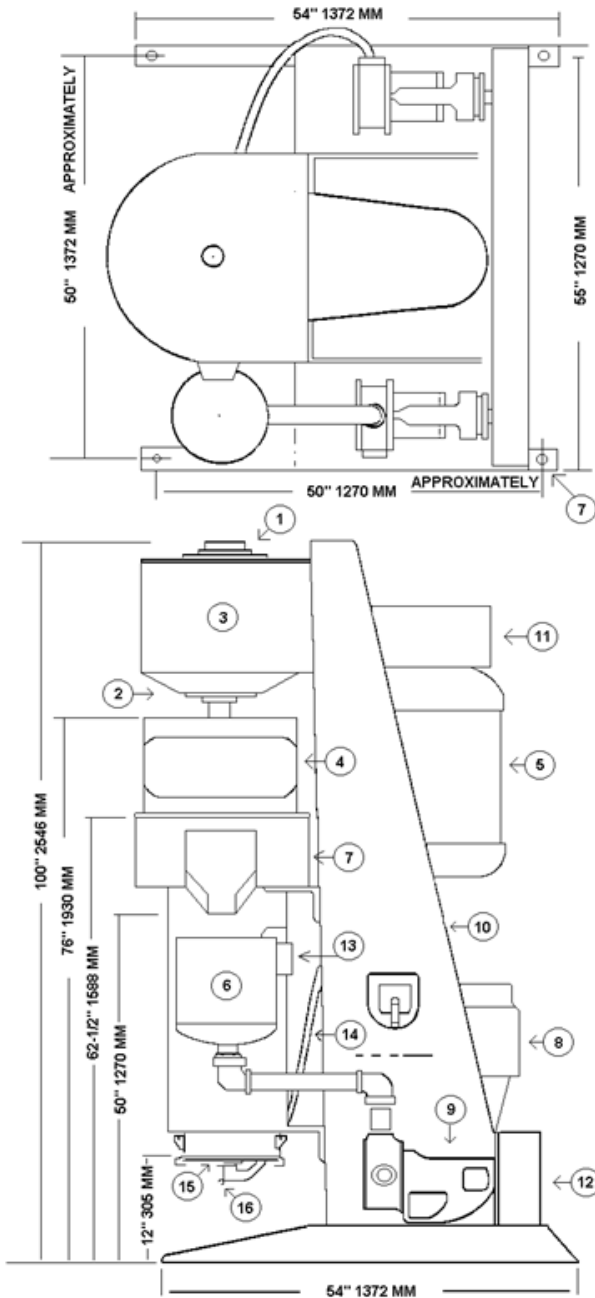


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1. TOP BEARING
2. LOWER BEARING
3. BEARING HOUSING
4. FUME GUARD
5. MAIN DRIVE MOTOR
6. HOPPER
7. VESSEL
8. PUMP DRIVE MOTOR
9. PUMPS
10. FRAME
11. BELT GUARD
12. CHAIN GUARD
13. MICRO SWITCH
14. FEED HOSE
15. CHECK VALVE
16. PET COCK
17. HOLES FOR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

APPROXIMATE WEIGHT IS 4000 LBS
8818 KG



WE RESERVE THE RIGHT TO CHANGE DIMENSIONS AND DESIGN WITHOUT NOTICE

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