



# HORIZONTAL RIBBON MIXER

## VERSATILITY

The APEC horizontal ribbon mixer has been installed world-wide and is used in a variety of industries including animal feed, pet food, food processing, premix, and powder & bulk solids.

## STANDARD FEATURES

- Double ribbon agitator mounted with solid spokes to a solid center shaft.
- Shaft sizes range from 2-1/4" to 6" in diameter
- Available in mild or stainless steel
- Food grade finish available
- Constructed with a 3/16" or 1/4" thick tub and 1/4" or 3/8" end plates
- Ball bearing flange and spherical roller bearings to support the main shaft

## OPTIONAL FEATURES

- Mild Or Stainless Steel Discharge Surge
- 50 Hz Motors
- Explosion Proof Motors
- Mild and Stainless Steel Liquid Sparger Bar
- Load Cell Weighing Assemblies
- Surge Hopper with Low Level Detection
- Discharge Conveyor

## DISCHARGE OPTIONS

- Full Length Drop Bottom (Pneumatically Actuated)
- Standard Pneumatic End Slide Gate
- Optional Center Pneumatic Slide Gate



# APEC

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PROCESSING THE INGREDIENTS FOR YOUR SUCCESS SINCE 1992

# MIXER SPECIFICATIONS

## MIXER SIZES/CAPACITIES (Swept Volume) and HP's

50 kg - 16.5 cu. ft. - 3 hp  
 250 kg - 28 cu. ft. - 5 hp  
 500 kg - 55 cu. ft. - 10 hp  
 1 MT - 77 cu. ft. - 20 hp  
 1.5 MT - 127 cu. ft. - 25 hp  
 2 MT - 159 cu. ft. - 30 hp  
 3 MT - 223 cu. ft. - 40 hp  
 4 MT - 294 cu. ft. - 50 hp  
 5 MT - 368 cu. ft. - 60 hp



## SURGE CAPACITIES

150 kg - 20 cu. ft.  
 250 kg - 35 cu. ft.  
 500 kg - 60 cu. ft.  
 1 MT - 85 cu. ft.  
 1.5 MT - 135 cu. ft.  
 2 MT - 165 cu. ft.  
 3 MT - 230 cu. ft.  
 4 MT - 310 cu. ft.  
 5 MT - 380 cu. ft.

## FAST CYCLE TIMES

Our design provides complete and gentle blending of ingredients.

| DIMENSIONS AND SHIPPING WEIGHT |                  |                   |                  |                  |                 |        |    |        |
|--------------------------------|------------------|-------------------|------------------|------------------|-----------------|--------|----|--------|
| Size                           | A                | B                 | C                | D                | E               | F      | G  | Weight |
| 150 KG<br>(mm)                 | 26.00<br>660.40  | 54.00<br>1371.60  | 30.38<br>771.65  | 40.00<br>1016.00 | 13.00<br>330.20 | 16.50  | 3  | 1600   |
| 250 KG<br>(mm)                 | 32.00<br>812.80  | 60.00<br>1524.00  | 36.38<br>924.05  | 46.00<br>1168.40 | 15.00<br>381.00 | 28.00  | 5  | 2100   |
| 500 KG<br>(mm)                 | 38.00<br>965.20  | 84.00<br>2133.60  | 42.38<br>1076.45 | 48.00<br>1219.20 | 15.00<br>381.00 | 55.00  | 10 | 2400   |
| 1 MT<br>(mm)                   | 42.00<br>1066.80 | 96.00<br>2438.40  | 48.50<br>1231.90 | 56.00<br>1422.40 | 16.00<br>406.40 | 77.00  | 20 | 4050   |
| 1.5 MT<br>(mm)                 | 54.00<br>1371.60 | 96.00<br>2438.40  | 60.50<br>1536.70 | 68.00<br>1727.20 | 18.00<br>457.20 | 127.00 | 25 | 5000   |
| 2 MT<br>(mm)                   | 54.00<br>1371.60 | 120.00<br>3048.00 | 60.50<br>1536.70 | 68.00<br>1727.20 | 18.00<br>457.20 | 159.00 | 30 | 6500   |
| 3 MT<br>(mm)                   | 64.00<br>1625.60 | 120.00<br>3048.00 | 70.50<br>1790.70 | 80.00<br>2032.00 | 20.00<br>508.00 | 223.00 | 40 | 8800   |
| 4 MT<br>(mm)                   | 67.00<br>1701.80 | 144.00<br>3657.60 | 73.50<br>1866.90 | 84.00<br>2133.60 | 22.00<br>558.80 | 294.00 | 50 | 11000  |
| 5 MT<br>(mm)                   | 75.00<br>1905.00 | 144.00<br>3657.60 | 81.50<br>2070.10 | 90.00<br>2286.00 | 24.00<br>609.60 | 368.00 | 60 | 13000  |



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