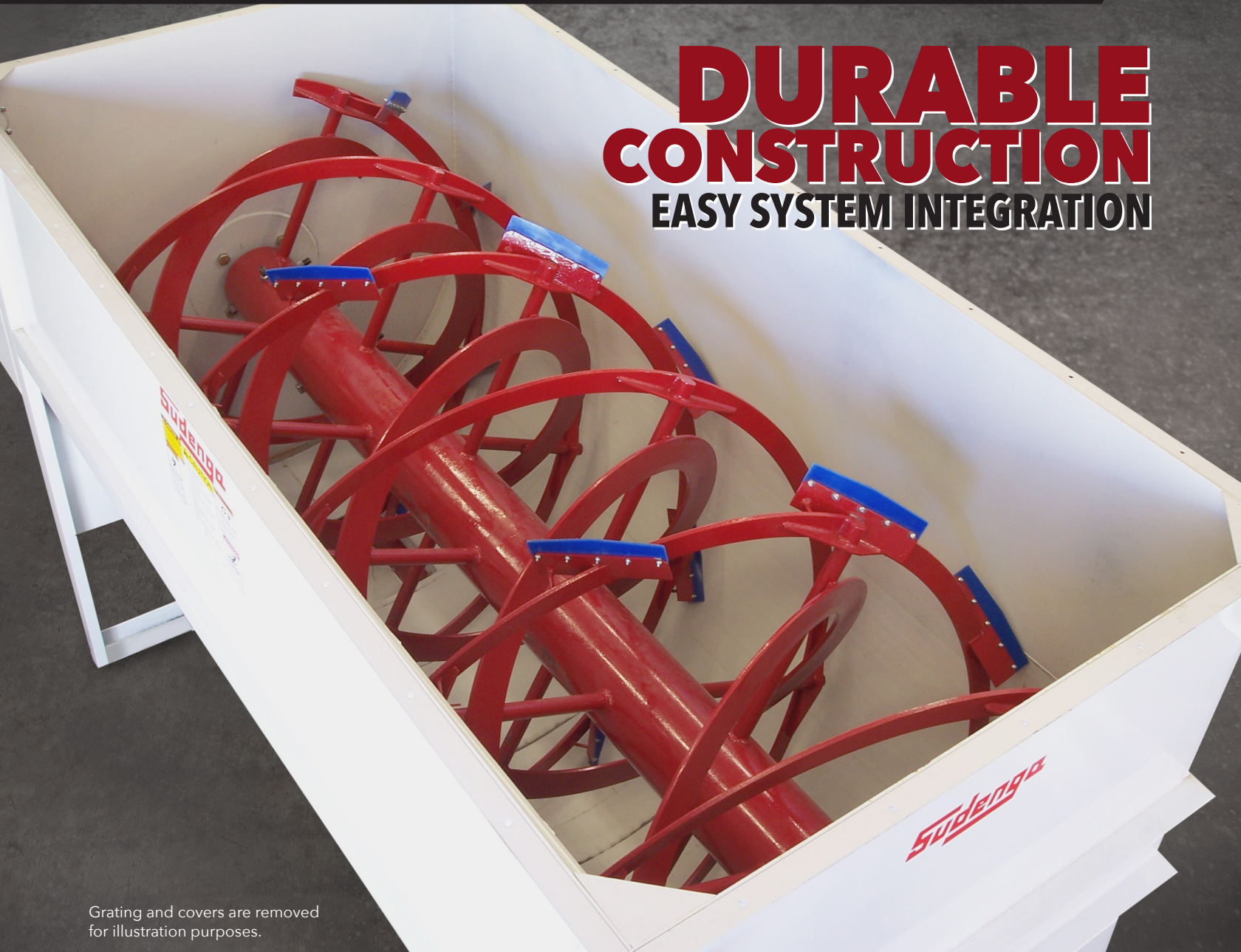


Sudenga
INDUSTRIES, INC.

HORIZONTAL MIXER

**DURABLE
CONSTRUCTION**
EASY SYSTEM INTEGRATION



Grating and covers are removed for illustration purposes.

FAST, UNIFORM MIXING

Double ribbon/paddle mixers ensure thorough mixing of all types of products from fine powdered materials to coarse ground ingredients.

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M1000, M2000, M4000, and M6000 lb. (500, 1000, 2000, and 3000 kg.)
capacities for medium to large scale feed production

HORIZONTAL MIXER

STANDARD FEATURES

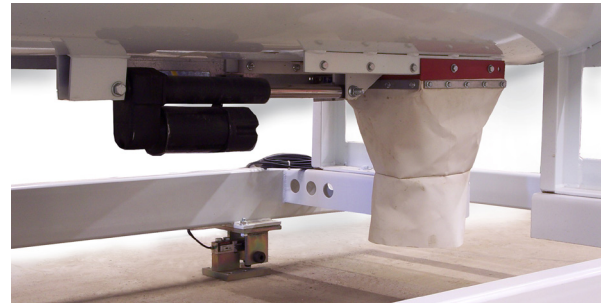
- Dual ribbon/paddle style mixer provides transverse and circular mixing
- Manual, electric, or pneumatic gate options available
- Helical gear drives standard
- Fat/oil manifold available
- Scale systems available
- Mild steel standard (stainless steel optional)



Torque arm reducer drive for M4000 and M6000 mixers. Belt guard is removed for illustration purposes.



Screw conveyor drive for M1000 and M2000 mixers



Optional electric gate discharge

SPECIFICATIONS

	M1000	M2000	M4000	M6000
Weight Capacity ¹	1000 lb. (500 kg)	2000 lb. (1000 kg)	4000 lb. (2000 kg)	6000 lb. (3000 kg)
Tank Capacity	43 ft. ³ (1.22 m ³)	86 ft. ³ (2.43 m ³)	180 ft. ³ (5.1 m ³)	272 ft. ³ (7.7 m ³)
Mixing Capacity	30 ft. ³ (.85 m ³)	60 ft. ³ (1.7 m ³)	120 ft. ³ (3.4 m ³)	190 ft. ³ (5.37 m ³)
Mixer Motor	3 HP	7½ HP	15 HP	25 HP
Reducer Ratio	33 to 1	40 to 1	40 to 1	40 to 1
Drive Shaft Diameter	1.75" (4.44 cm)	3" (7.62 cm)	3.93" (10 cm)	4.5" (11.43 cm)
Agitator Tube O.D.	2.38" (6.04 cm)	4" (10.16 cm)	6.50" (16.51 cm)	10" (25.4 cm)
Ribbon Thickness	3/8" (9.52 mm)	3/8" (9.52 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)
Agitator RPM	17	18	18	17
Tank Length, inside	48" (121.9 cm)	72" (182.9 cm)	108" (274.3 cm)	126" (320 cm)
Tank Width, inside	40" (101.6 cm)	46" (116.8 cm)	54" (137.2 cm)	62" (157.5 cm)
Tank Height, inside	43" (109.2 cm)	50" (127 cm)	59" (149.9 cm)	67" (170.2 cm)
Overall Length	69½" (176.5 cm)	95½" (242.6 cm)	141" (358.1 cm)	159" (403.9 cm)
Overall Width	43¾" (111.1 cm)	49½" (125.7 cm)	59" (149.9 cm)	67¼" (170.8 cm)
Overall Height ²	66½" (168.9 cm)	74½" (189.2 cm)	77" (195.6 cm)	92½" (235 cm)
Standard Outlet Opening	7½" x 8" (19 x 20.3 cm)	7½" x 8" (19 x 20.3 cm)	N/A	N/A
Large Outlet Opening	N/A	14" x 15" (35.6 x 38 cm)	14" x 17" (35.6 x 43.2 cm)	14" x 17" (35.6 x 43.2 cm)
Discharge Height	9½" (24.1 cm)	9½" (24.1 cm)	10½" (26.7 cm)	17½" (44.4 cm)
Std. Outlet Transition Size	9½" x 11¼" (24 x 28 cm)	9½" x 11¼" (24 x 28 cm)	10" x 14¼" (25.4 x 39.2 cm)	10" x 14¼" (25.4 x 39.2 cm)
Large Outlet Transition Size	N/A	10" x 14¼" (25.4 x 39 cm)	10" x 14¼" (25.4 x 39.2 cm)	10" x 14¼" (25.4 x 39.2 cm)
Mixer Tub Thickness (Std.)	12 ga. (2.7 mm)	12 ga. (2.7 mm)	1/4" (6.3 mm)	1/4" (6.3 mm)
Shipping Weight, less motor	1,100 lb. (504.5 kg)	1950 lb. (886.4 kg)	3900 lb. (1772.7 kg)	6800 lb. (3090.9 kg)

¹ Based on 37 lb./16.8 kg. material

² Height, less motor

(Contact factory for Heavy Duty and Super Duty Mixer specifications)



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