

THE STEELE DOUBLE SHAFT MIXERS

Rugged construction for long service life - superior design for efficient mixing of dissimilar materials.



Steele Double Shaft Mixers efficiently mix dry to very wet materials, or blend liquids and sludges with dry solids. Materials can range from sticky clays, sludges, or filter cakes to silty, sandy soils and other abrasives. These machines can be used as pugmills for mixing liquids or sludges with dry solids, especially when a greater tub volume is required for longer retention times. Most often, they are used for intensive mixing of two dissimilar wet or dry materials.

FEATURES

- Mixing elements are designed as knives, not paddles. This means more efficient mixing of sticky substances and minimum material adherence
- The replaceable pugknife blades are cast of abrasion-resistant high-chrome alloy.

- The adjustable-pitch knives are arranged on the shaft in a series of overlapping spirals that convey material toward the discharge end of the tub. Knife pitch can be set to enhance or retard material flow. This feature allows regulation of retention time in the mill regardless of shaft speed or material flow rate.
- Machine components are isolated from materials in the tub by heavy-duty grease purged seals and open bulkheads at each shaft exit point.
- Rugged construction features thick cast iron machine frames, heavy gears and bearings, large diameter shafts, and pneumatic clutches.

Steele's engineers have been refining clay machinery for more than 100 years. The Steele Double Shaft Mixers reflect that attention to detail and commitment to continuous improvement.

SPECIFICATIONS

MODEL	CAPACITY* (CU.FT./HR.)	TUB SIZE L"xW"(DIA.)	TUB VOL. (CU. FT.)	SHAFT DIAMETER	NUMBER OF KNIVES	MOTOR HP RANGE(MAX.)	WEIGHT (LBS)
2030F	500-1300	126"x44" (2x24")	64	6.25"	66	50-60 (75)	13,000
5075G	900-2500	126"x59" (2x33")	134	6.75"	63	75-100 (150)	18,500

*Based on a typical range of retention times of between three and eight minutes.



The Best Since 1889

J.C. STEELE & SONS, INC.

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