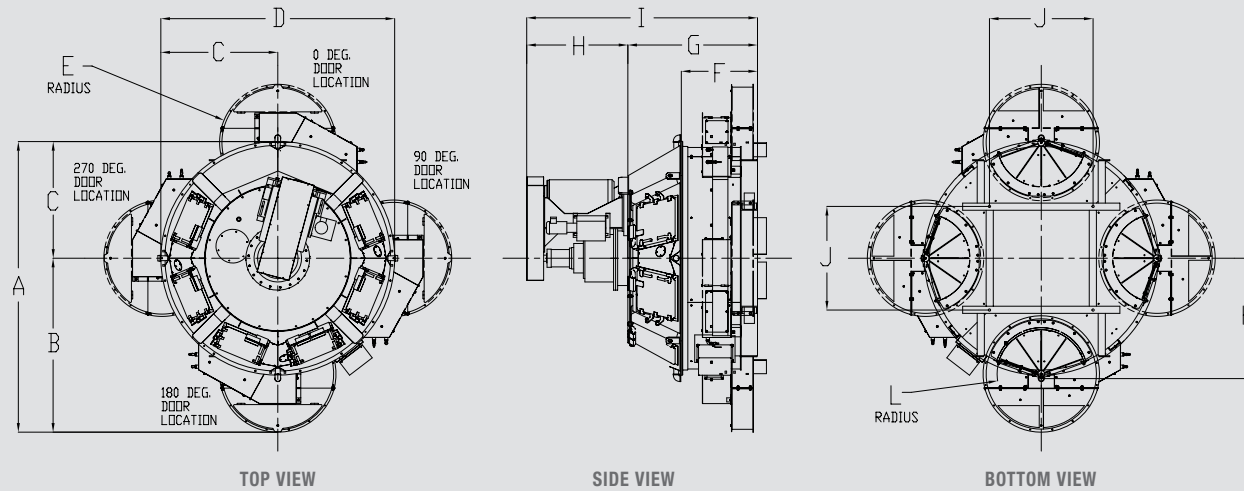


SAND MULLING MIXER SPECIFICATIONS



	PLANETARY SAND MIXER MODEL	SPM 0.5	SPM 1.0	SPM 1.5	SPM 2.0	SPM 3.0	SPM 4.0
A	OVERALL LENGTH	7'-9"	10'-9"	10'-9"	11'-11"	14'-1"	14'-1"
B	CENTER TO OUTSIDE DOOR GUARD	4'-9"	6'-7"	6'-7"	7'-1"	8'-5"	8'-5"
C	CENTER TO OUTSIDE TANK	3'-0"	4'-3"	4'-3"	4'-9"	5'-8"	5'-8"
D	OVERALL WIDTH	6'-0"	8'-6"	8'-6"	9'-6"	11'-4"	11'-4"
E	DOOR GUARD RADIUS	1'-10"	2'-5"	2'-5"	2'-5"	2'-9"	2'-9"
F	TANK HEIGHT	2'-9"	2'-11"	2'-11"	3'-1"	3'-7"	3'-7"
G	TANK BASE TO TOP OF COVER	4'-0"	4'-9"	4'-9"	5'-3"	6'-2"	6'-2"
H	DRIVE HEIGHT	2'-4"	2'-8"	2'-8"	4'-2"	4'-6"	4'-6"
I	OVERALL HEIGHT	6'-4"	7'-5"	7'-5"	9'-5"	10'-8"	10'-8"
J	MOUNTING BOLT SPACING	2'-11"	3'-7"	3'-7"	4'-3"	5'-7"	5'-7"
K	MIXER CENTER TO DOOR PIVOT	3'-0"	4'-2"	4'-2"	4'-11"	5'-8"	5'-8"
L	DOOR OPENING RADIUS	1'-3"	1'-10"	1'-10"	1'-10"	2'-6"	2'-6"
MAXIMUM FILLING CAPACITY — POUNDS		1,000	2,000	3,000	4,000	6,000	8,000
MINIMUM FILLING CAPACITY — CUBIC FEET		5	10	10	15	20	20
MAXIMUM FILLING CAPACITY — CUBIC FEET		11	22	33	45	67	90
DRIVE MOTOR — HORSEPOWER		15	50	60	100	125	150
EMPTY MIXER WEIGHT		4,500 LBS	9,600 LBS	9,800 LBS	14,600 LBS	22,300 LBS	22,500 LBS

NOTE: CAPACITY BASED ON SAND MATERIAL WEIGHING 90 LBS/CU FT

MADE IN THE USA FOR YOUR WORLD

Mixer Systems, the parent corporation of SandMASTER, has been manufacturing equipment for the concrete products and other related industries since 1979. Today, our systems are at work in some 60 countries around the world. An 86,000 square-foot facility houses complete design and fabrication capabilities. Our product line is the largest in the industry, built with American reliability to stand up to the challenges of your world.



All under one roof at Mixer Systems headquarters: Design, engineering, manufacturing and a multi-million dollar parts inventory.

SANDMASTER

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MOLD-MAKING PERFORMANCE

MULLING MIXER

SAND WEDGE DESIGN DRIVES CAPITAL & MAINTENANCE COSTS DOWN

IMPROVE THE MOLD WITH SIMPLIFIED COMPACTION TECHNOLOGY.

Quality green sand preparation lays the groundwork for quality castings. The SandMASTER Muller Mixer delivers on that premise with a roller-less Sand Wedge design. It tightly compacts sand against the mixer wall, then subjects it to high shearing force to produce a cohesive mix. The simplified configuration is less costly to acquire and maintain, batch after high-quality batch.

PROUDLY
MADE IN
AMERICA



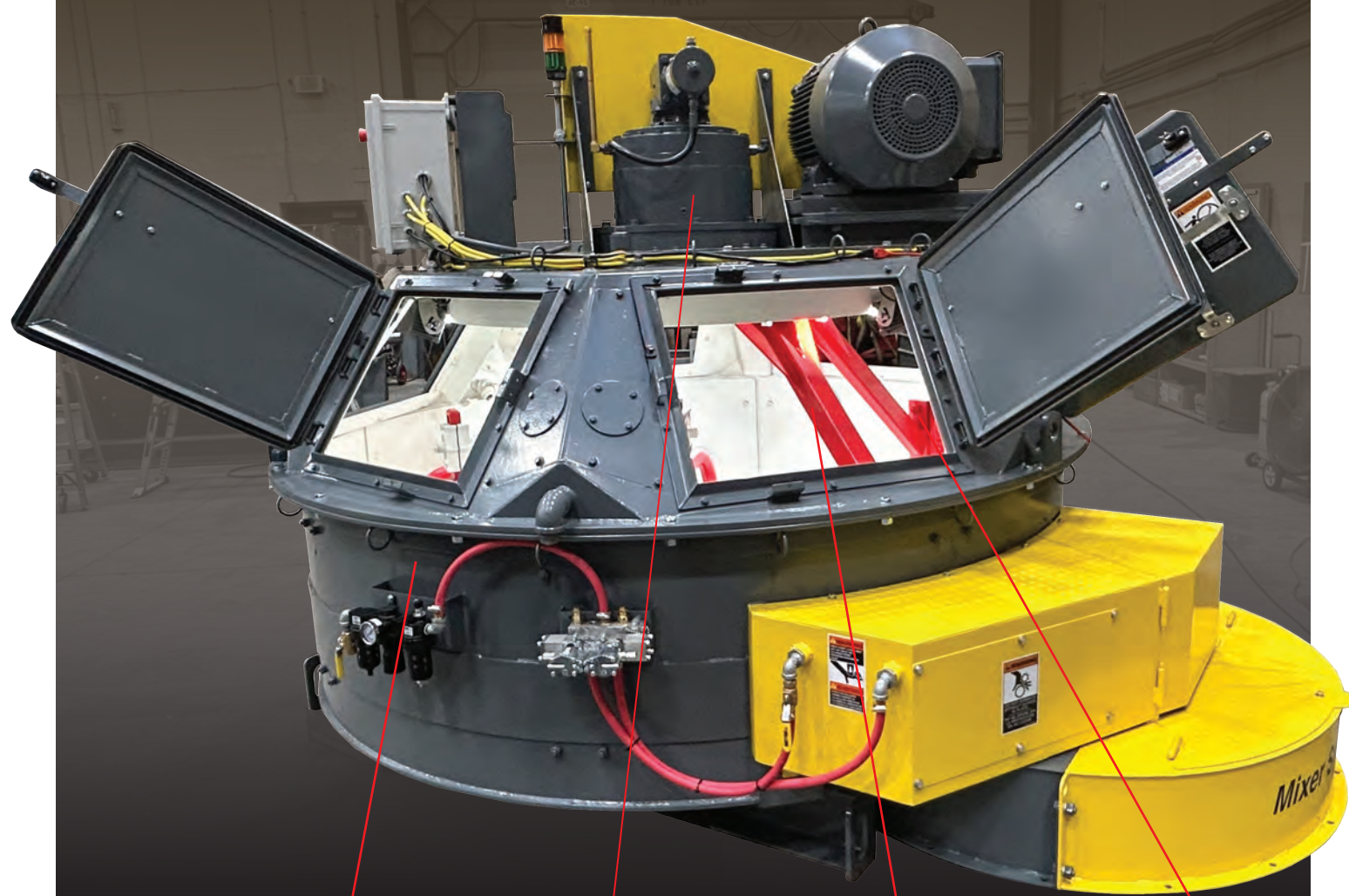
SANDMASTER

BUILT AND BACKED WITH 45 YEARS OF MIXING EXPERTISE

SAND MULLING MIXER

READY TO MEET INDUSTRY STANDARDS FROM DAY ONE.

Everything that Mixer Systems knows about industrial mixing has gone into the design and fabrication of the SandMASTER. From the revolutionary Sand Wedge compaction arm, to the variable frequency drive, to the top-mounted easy-access doors, the SandMASTER was built specifically for the needs of the foundry industry. In lab and field tests SandMASTER has met its mettle, and offers something foundries haven't had until now: a real choice in mulling mixers.



FAST AND THOROUGH MIXING

Five mixing paddles on counter-rotating mixing star quickly produce consistent batches.

TOP-MOUNTED DRIVE

Drive and access doors provide easy access for efficient, no-hassle maintenance.

LINER WALL SCRAPER

Follows the Sand Wedge to gather the compacted sand and push it to the mixer bottom.

INNOVATIVE DESIGN

Sand Wedge compacts sand against mixer wall, unlike conventional rollers.

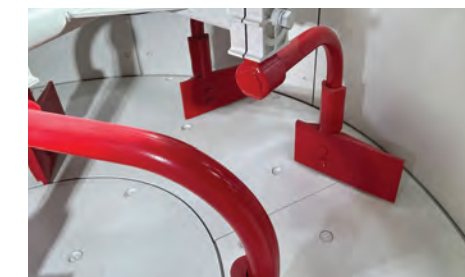
ENGINEERED TO PREPARE HIGH-QUALITY SAND



Hinged access door with inspection hatch



Heavy-duty mixer tank structure and cover assembly with top-mounted drive



Abrasion resistant steel bolt-in floor and wall liners (Maxalloy liners available)



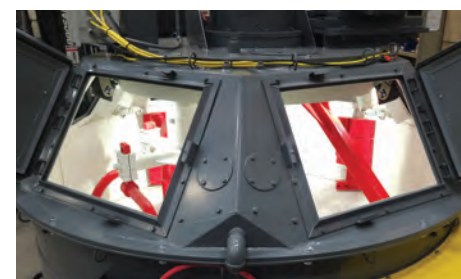
Abrasion resistant steel mixing paddles (Maxalloy paddles available)



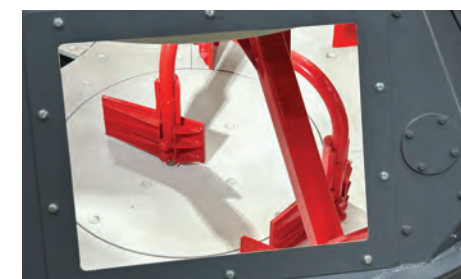
Mixer interlock station with E-Stop, warning horn / strobe, and hour meter



Mixer transmission lube station with pump and filter



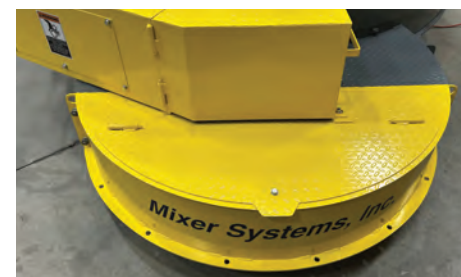
Hinged access doors on top of mixer gasketed to contain dust and water



Multiple material charging ports on mixing cover



Hinged access door trapped key interlocks



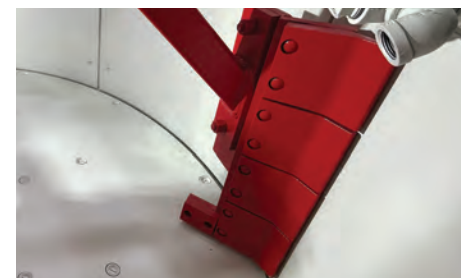
Mixer discharge door with pneumatic cylinder and guarding. Up to 4 doors available



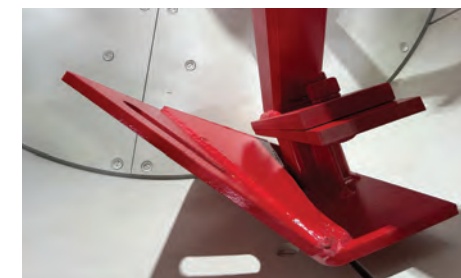
Top-mounted motor is totally enclosed for dust protection



Planetary gearbox sealed to reduce maintenance and prolong life



Cast Ni-Hard wall scraper blades clear the full wall to keep material in motion



Sand Wedge compacts sand against mixer wall to achieve clay activation



Rotating case with counter-rotating mixing star