

MOBILE RANGE SAND SCREW PLANTS

The screens range in size from 5' x 16' to 6' x 20', and are teamed with single or twin dewatering screws. The screens are outfitted with strategically placed nozzles to scrub materials clean. High capacity dewatering screws deliver the fine aggregates while chutes and cross conveyors deliver the sized products. The portable chassis design is easy to transport to the desired site and easy to set up.

M 165S

FEATURES AND BENEFITS

- 16' x 5' (4.9m x 1.5m) portable incline screen with single screw wash plant
- 16' x 5' (4.9m x 1.5m) triple deck inclined two bearing screen
- Double axle suspension portable chassis using heavy-duty I-beam construction with four cribbing support legs and two manual landing jacks
- Under-screen fines collection flume with water spray system on all screen decks, flume and washout
- Heavy duty single 36" x 25' screw
- Manifold with valves and hoses
- Heavy duty discharge chute including a top deck over chute with discharge to the front of the plant; middle deck chute discharging to the side and bottom deck chute discharging to the opposite side
- Walkway access around three sides of the screen

M 165S

TRAVEL WIDTH	3.4m (11')
TOTAL WEIGHT	49,000 lbs
KING PIN WEIGHT	13,500 lbs
TANDEM SUSPENSION WEIGHT	35,500 lbs

M 166S

FEATURES AND BENEFITS

- 16' x 6' (4.9m x 1.8m) portable incline screen with twin screw wash plant
- 16' x 6' (4.9m x 1.8m) triple deck inclined two bearing screen
- Double axle suspension portable chassis using heavy-duty I-beam construction with four cribbing support legs and two manual landing jacks
- Under-screen fines collection flume with water spray system on all screen decks, flume and washout
- Heavy duty twin 36" x 25' screw
- Manifold with valves and hoses
- Heavy duty discharge chute including a top deck over chute with discharge to the front of the plant; middle deck chute discharging to the side and bottom deck chute discharging to the opposite side
- Walkway access around three sides of the screen

M 166S

TRAVEL WIDTH	3.6m (11'10")
TOTAL WEIGHT	57,000lbs
KINGPIN WEIGHT	20,000lbs
WEIGHT AT AXLES	37,000lbs



M 166S Sand Screw Plant

M 206S

FEATURES AND BENEFITS

- 20' x 6' (6m x 1.8m) portable horizontal twin screw wash plant
- 20' x 6' (6m x 1.8m) triple shaft horizontal three deck screen with complete spray system
- Triple axle suspension portable chassis using heavy-duty I-beam construction with four cribbing support legs and two manual landing jacks
- Under-screen fines collection flume with splash-type spray system on all decks, flume and washout
- Heavy duty twin 36" x 25' screws
- Hinged slurry box with spray bar, manifold, valves and hoses
- Heavy duty discharge chute including a top deck over chute with discharge to the front of the plant; middle deck chute discharging to the side and bottom deck chute discharging to a 24" cross conveyor
- Optional 24" cross conveyor is available for the middle deck
- Walkway access around three sides of the screen
- Optional electrical switchgear is available

M 206S

TRAVEL HEIGHT	4.5m (14'8")
TRAVEL WIDTH	4m (13'1")
TRAVEL LENGTH	14.2m (46'6")
KING PIN WEIGHT	22,750 lbs
TRI-AXLE SUSPENSION WEIGHT	46,000 lbs
TOTAL WEIGHT	69,750 lbs

SAND SCREWS

Single and twin screw options for fines washing, classifying and dewatering materials.

SW 100 / SW 200

FEATURES AND BENEFITS

The The Terex® SW 100 Sandscrew is a single screw fine material washer/classifier/dewaterer. The recommended maximum material size is 3/8" (10mm). The approximate capacity of the SW 100 Sandscrew is 50-100 TPH.

The The Terex® SW 200 is a twin screw fine material washer/classifier/dewaterer. The recommended maximum material size is 3/8" (10mm). The approximate capacity of the SW 200 Sandscrew is 100-200 TPH.

	SW 100	SW 200
CAPACITY	50-100tph	100-200tph
MAXIMUM FEED SIZE	3/8" (10mm)	3/8" (10mm)
WATER REQUIRED	180-700 GPM (25 PSI)	350-1250 GPM (25 PSI)
SCREW DIAMETER	0.9m (36")	0.9m (36")
TUB LENGTH	7.6m (25')	7.6m (25')
SCREW SPEED	21rpm	21rpm
MOTOR RECOMMENDATION	15hp/1800rpm	2 x 15hp/1800rpm
DRIVE SHEAVE	3B-60	3B-60
V BELTS	(3), B98	2 x (3) B98
WEIGHT OF WASHER	14,500lbs	25,500lbs
LOADED WEIGHT	31,400lbs	61,800lbs
SLOPE OF MACHINE	18°	18°