

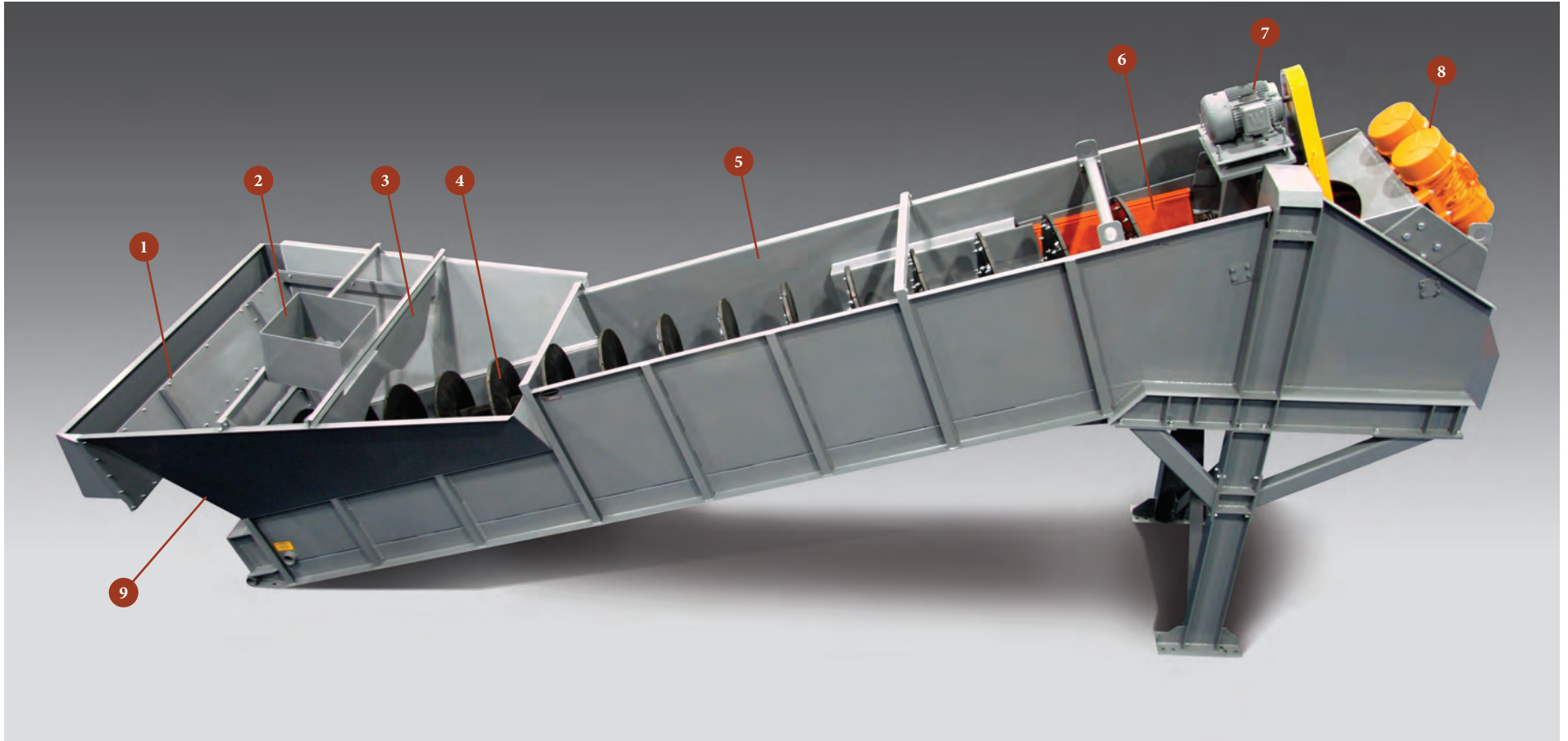


# AGGRE-DRY<sup>®</sup> DEWATERING WASHER

Up to 800 TPH

- Combines the **efficiency** of dewatering screws with the drying characteristics of dewatering screens.
- Finished product is **immediately useable** without allowing time for stockpile to drain (moisture content as low as 8%).
- Eliminates need for extra equipment including pumps or cyclone systems, which **cuts horsepower and maintenance** by half.
- Designed to same footprint as standard fine material washers to **accommodate existing set-up**.

# HIGHLIGHTS

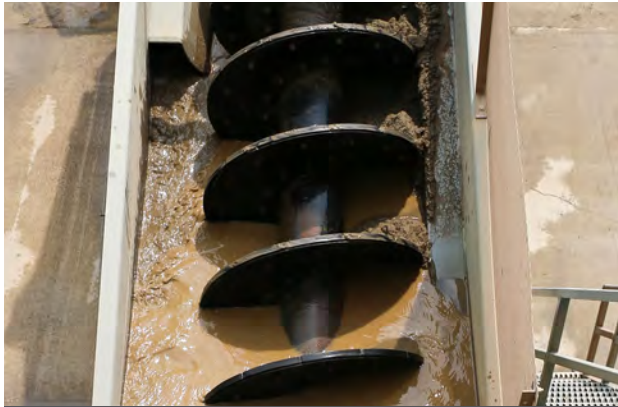


- 1/ **OVERFLOW WEIR:** Allows for leveling of water for maximum sand retention.
- 2/ **FEED BOX:** High-quality, abrasion-resistant liners reduce turbulence for increased yield.
- 3/ **BAFFLE:** Located in load zone to calm water for better retention of fines.
- 4/ **FINE MATERIAL SCREW:** Single or twin screws, protected with adjustable 1" thick rubber wear shoes. In sand applications, rubber has 10% longer wear life than other wear products.

- 5/ **WASH BASIN:** Allows initial drainage of silty water.
- 6/ **DEWATERING SCREEN:** Replaceable snap-deck urethane screens with bolt-on urethane liners.
- 7/ **DRIVE SYSTEM:** Electrical, 3-phase, 60Hz, 460V motor with shaft-mounted gear reducer, belts and guarding.
- 8/ **DUAL VIBRATORS:** Electric, linear motion with adjustable g-force.
- 9/ **LOWER BEARING:** Slinger plate protects lower bearing from water leakage. Standard, robust pillow block bearing design.

- 10/ **FLUSHING RETURN LINE:** Returns water from screen to flush back nozzle on wash basin which uses return water for removing stagnant sand near discharge. (Not shown)

# FEATURES



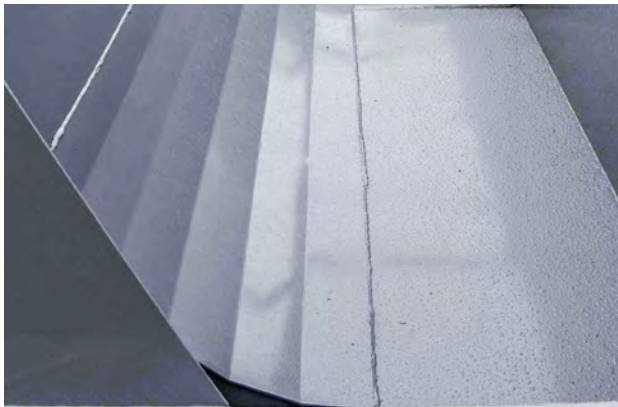
**SINGLE SCREW**



**TWIN SCREW**



**LOAD ZONE BAFFLE SETTLES FINES**



**CURVED BELLY PAN**



**SLINGER PLATE PROTECTS LOWER BEARING**



**FLUSH-BACK NOZZLE**



**DUAL ELECTRIC VIBRATORS**



**SCREEN URETHANE SIDE WALLS**



**8% MOISTURE CONTENT**

# OPTIONS



**DISCHARGE CHUTE**

- DISCHARGE CHUTE
- HYDRAULIC DRIVE
- CLEAN-OUT DOORS FOR BELLY PAN



**PROTECTIVE GUARDING**

- A532 AND URETHANE WEAR SHOES
- GUARDING

# IN-STOCK PARTS



**SPECIAL GREASE FOR VIBRATORS**

- STAINLESS STEEL WEAR SLEEVE
- HEAVY-DUTY RUBBER LOWER SEAL
- RUBBER WEAR SHOES
- VIBRATOR GREASE

# SPECIFICATIONS

## AGGRE-DRY® DEWATERING WASHER – SINGLE SCREW

Screw Size (mm)	TPH (MT)	RPM	Maximum Mat. Size (cm)	Auger Shaft Motor HP (kw)	Vibrating Motor HP (kw)	Overflow Water Capacity - gpm (m³/sec)		
						100M	150M	200M
36" (914)	100 (90)	20	3/8" (0.9)	15 (11.0)	14 (10.0)	1,700 (0.10)	850 (0.05)	450 (0.02)
48" (1,219)	200 (181)	16	3/8" (0.9)	25 (19.0)	15 (11.0)	2,200 (0.13)	1,050 (0.06)	600 (0.03)
60" (1,524)	300 (272)	13	3/8" (0.9)	30 (22.0)	17.2 (12.0)	2,400 (0.15)	1,200 (0.07)	650 (0.04)

## AGGRE-DRY® DEWATERING WASHER – TWIN SCREW

Screw Size (mm)	TPH (MT)	RPM	Maximum Mat. Size (cm)	Auger Shaft Motor HP (kw)	Vibrating Motor HP (kw)	Overflow Water Capacity - gpm (m³/sec)		
						100M	150M	200M
48" (1,219)	400 (362)	16	3/8" (0.9)	25 each (18.0)	17.2 each (12.0)	3,700 (0.23)	1,800 (0.11)	975 (0.06)
60" (1,524)	800 (725)	16	3/8" (0.9)	30 each (22.0)	17.2 each (12.0)	4,000 (0.25)	2,000 (0.12)	1,200 (0.07)