



AGGRE-DRY[®] DEWATERING WASHER

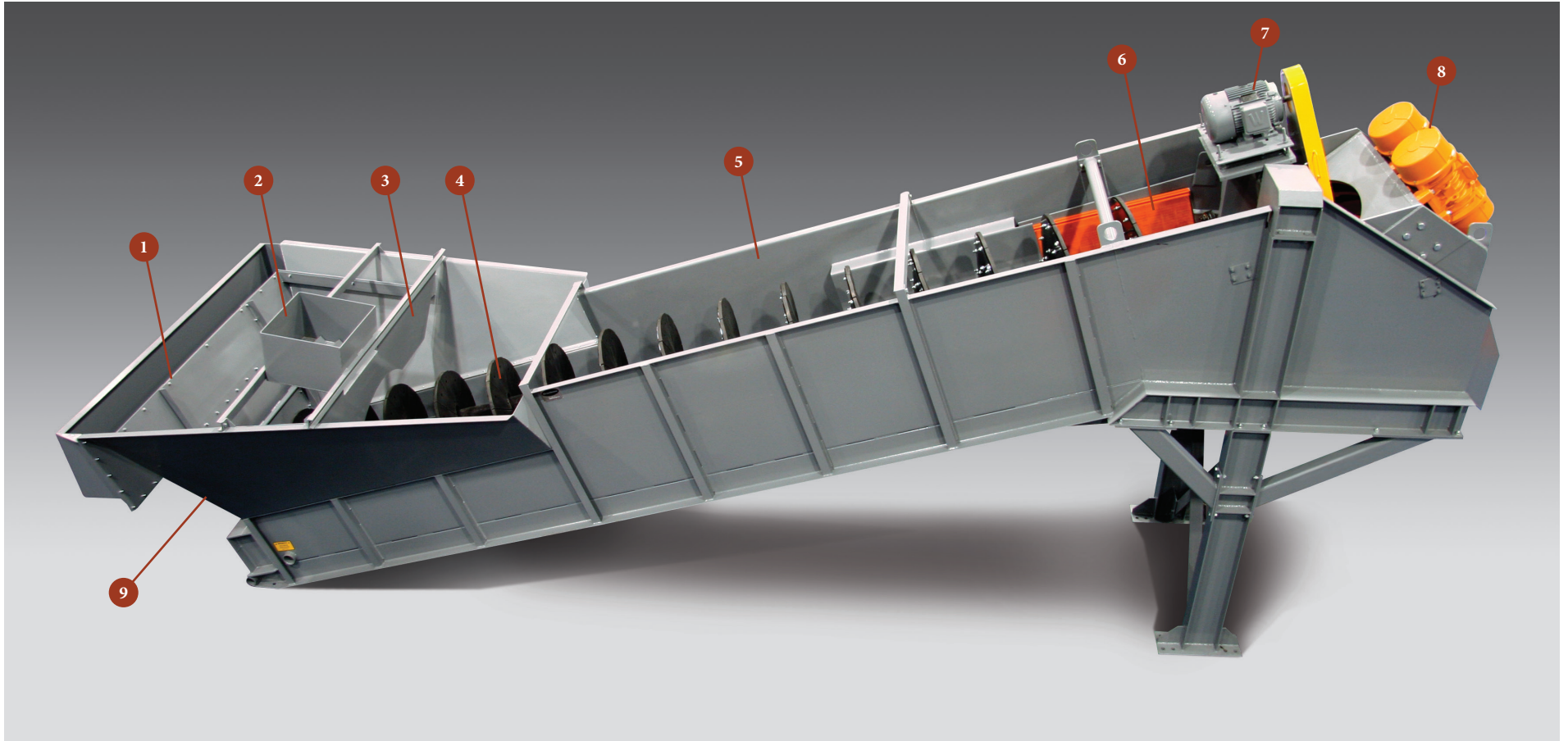
Up to 800 TPH

- 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**.



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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.

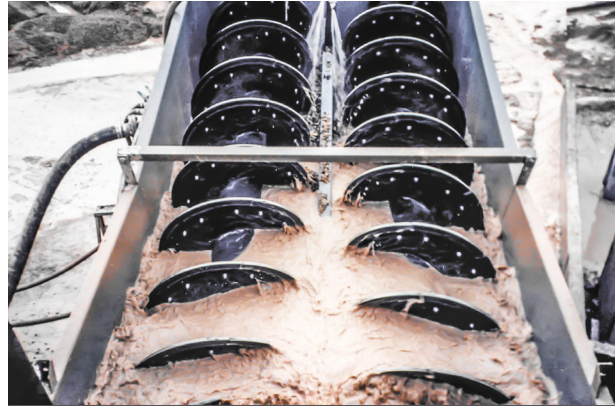
- 5/ **WASH BASIN:** Allows initial drainage of silty water.
- 6/ **DEWATERING SCREEN:** Replaceable snap-deck urethane screens with bolt-on urethane liners.
- 7/ **DRIVE SYSTEM:** Electrical, 3-phase, 60Hz, 460V motor with shaft-mounted gear reducer, belts and guarding.
- 8/ **DUAL VIBRATORS:** Electric, 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



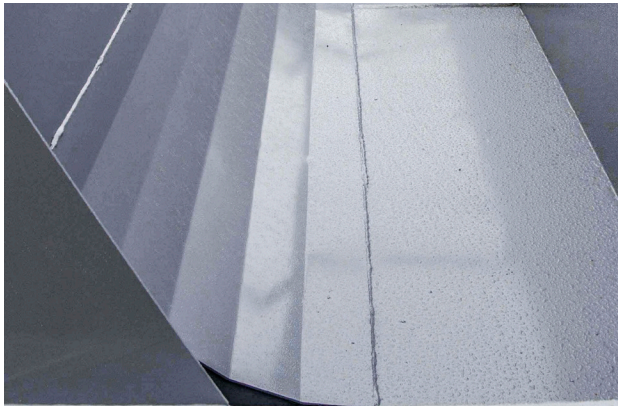
SINGLE SCREW



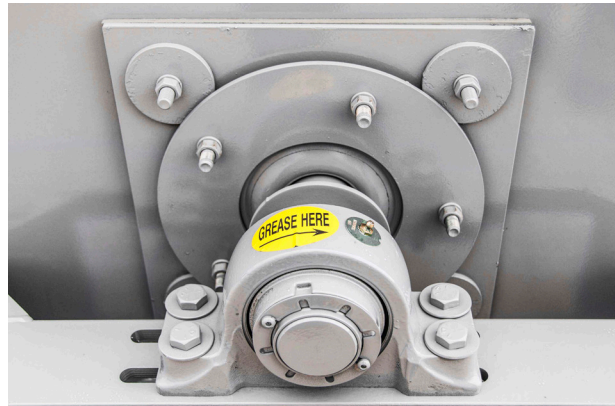
TWIN SCREW



LOAD ZONE BAFFLE SETTLES FINES



CURVED BELLY PAN



SLINGER PLATE PROTECTS LOWER BEARING



FLUSH-BACK NOZZLE



DUAL ELECTRIC VIBRATORS



SCREEN URETHANE SIDE WALLS



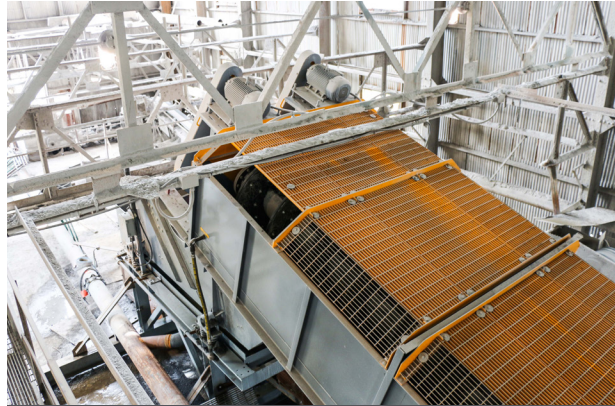
8% MOISTURE CONTENT

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)