



COARSE MATERIAL WASHER

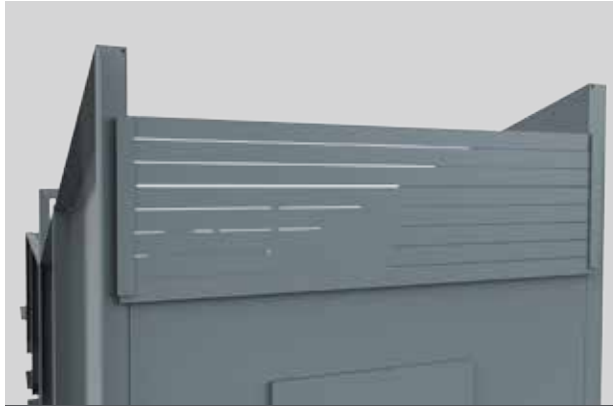
Up to 550 TPH

- Adjustable screw shaft design allows producers to **process a wider range of material** sizes. ■
- Heavy-duty angle iron skid frame is **stronger than formed plate** designs and installs without expensive cranes. ■
- Broadest group of product designs in the industry for **very application-specific** offerings. ■
- Motors, drive parts and pillow block bearings are **standard, off-the-shelf components** for easy replacement. ■

FEATURES



A532 WEAR SHOES AND PADDLES



ADJUSTABLE OVERFLOW GATE



SLINGER PROTECTS LOWER BEARING



GEAR REDUCER



CURVED BELLY PAN



FLUSH-BACK NOZZLE

WASHING SCREW

- Single or twin models
- Combination of flights and paddles dependent on scrubbing requirements
- Flights and paddle bases are protected with replaceable A532 wear shoes and paddles
- Extended shaft and slinger protects lower bearing from water leakage

DRIVE SYSTEM

- Electrical 3-phase, 60Hz, 460V motor; can also be configured to match local power requirements, if necessary
- Shaft-mounted gear reducer
- Belt and guarding

WASH BASIN

- Flush-back nozzle enhances dewatering efficiency
- Adjustable overflow gates
- Heavy-duty skid frame
- Lifting points
- Drain for easy clean out
- Support legs for 15°



DISCHARGE CHUTE

- DISCHARGE CHUTE
- HYDRAULIC DRIVE



PROTECTIVE GUARDING

- PERSONAL SAFETY COVERS
- GUARDING
- URETHANE WEAR SHOES

IN-STOCK PARTS



WEAR SLEEVE AND LOWER SEAL

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



MOTORS

- HEAVY WALLED STEEL PIPE SHAFTS
- BEARINGS
- BELLY PANS



SHAFT AND WEAR SHOES

- LOWER BEARING RETROFIT KITS FOR OTHER MANUFACTURERS' WASHERS
- ELECTRIC OR HYDRAULIC DRIVE COMPONENTS

SPECIFICATIONS

COARSE MATERIAL WASHER - SINGLE SCREW

Screw Size in x ft (mm x m)	Estimated Capacity TPH (MTPH)	Screw Speed RPM	Motor Size HP (kw)	Max. Material Size inch (mm)	Estimated Empty Weight lbs (kg)	Discharge Chutes Weight lbs (kg)
24" x 18' (610 x 5)	60 - 75 (50 - 60)	40	15 (11.0)	1.5" (40)	8,000 (3,600)	120 (50)
30" x 18' (760 x 5)	100 - 125 (90 - 110)	35	20 (15.0)	2.0" (50)	9,000 (4,000)	140 (60)
30" x 24' (760 x 7)	100 - 125 (90 - 110)	35	25 (18.5)	2.0" (50)	10,700 (4,800)	140 (60)
36" x 18' (915 x 5)	150 - 175 (135 - 160)	30	25 (18.5)	3.0" (75)	11,300 (5,100)	150 (70)
36" x 28' (915 x 10)	150 - 175 (135 - 160)	30	30 (22.0)	3.0" (75)	14,400 (6,500)	150 (70)
44" x 20' (1,100 x 6)	200 - 250 (180 - 230)	26	30 (22.0)	3.0" (75)	15,000 (6,700)	240 (100)
44" x 32' (1,100 x 10)	200 - 250 (180 - 230)	26	50 (37.0)	3.0" (75)	19,100 (8,700)	240 (100)
48" x 24' (1,200 x 7)	220 - 275 (200 - 250)	24	40 (29.5)	3.5" (90)	21,500 (9,800)	280 (130)
48" x 32' (1,200 x 10)	220 - 275 (200 - 250)	24	50 (37.0)	3.5" (90)	25,500 (11,600)	280 (130)

COARSE MATERIAL WASHER - TWIN SCREW

Screw Size in x ft (mm x m)	Estimated Capacity TPH (MTPH)	Screw Speed RPM	Motor Size HP (kw)	Max. Material Size inch (mm)	Estimated Empty Weight lbs (kg)	Discharge Chutes Weight lbs (kg)
30" x 18' (760 x 5)	200 - 250 (180 - 230)	35	(2) 20 (15.0)	1.5" (40)	13,700 (6,200)	280 (130)
30" x 24' (760 x 7)	200 - 250 (180 - 230)	35	(2) 25 (18.5)	2.0" (50)	19,300 (8,700)	280 (130)
36" x 18' (915 x 5)	250 - 300 (230 - 270)	30	(2) 25 (18.5)	3.0" (75)	16,800 (7,600)	280 (130)
36" x 28' (915 x 10)	250 - 300 (230 - 270)	30	(2) 30 (22.0)	3.0" (75)	23,000 (10,500)	280 (130)
44" x 20' (1,100 x 6)	450 - 500 (400 - 450)	26	(2) 30 (22.0)	3.0" (75)	28,400 (12,900)	350 (160)
44" x 32' (1,100 x 10)	450 - 500 (400 - 450)	26	(2) 50 (37.0)	3.0" (75)	36,600 (16,600)	350 (160)
48" x 24' (1,200 x 7)	450 - 550 (400 - 500)	24	(2) 40 (29.5)	3.5" (90)	39,600 (18,000)	450 (200)
48" x 32' (1,200 x 10)	450 - 550 (400 - 500)	24	(2) 50 (37.0)	3.5" (90)	42,500 (19,300)	450 (200)