



FINE MATERIAL WASHER

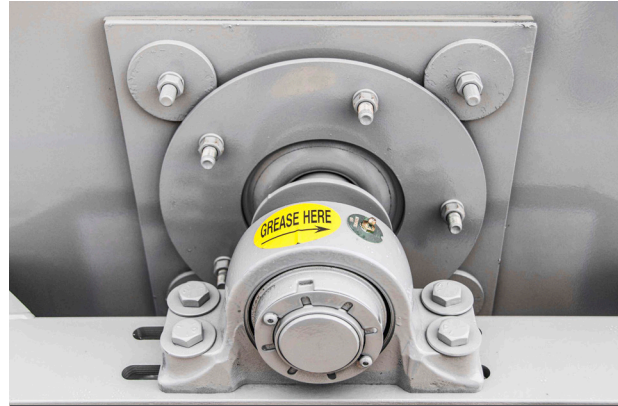
Up to 1,110 TPH

- Industry's **largest range of sizes** allows us to match equipment to specific requirements. ■
- Market's only dewatering screw capable of handling **material as large as 3/4"**. ■
- Heavy-duty skid frame allows for **crane-free installation** into existing footprints. ■
- One machine** for dewatering, classifying and washing materials. ■

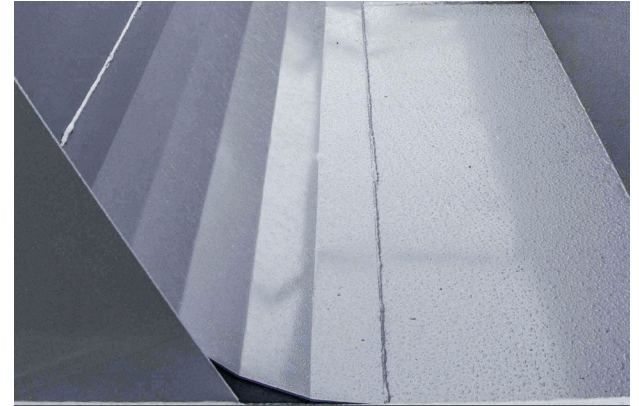
FEATURES



SINGLE OR TWIN SCREWS



SLINGER PROTECTS LOWER BEARING



CURVED BELLY PAN



GUARDED DRIVE SYSTEM



FLUSH-BACK NOZZLE



LOAD ZONE BAFFLE SETTLES FINES

DEWATERING SCREW

- Single or twin models
- Flights are protected with adjustable 1" thick rubber wear shoes
- Extended shaft and slinger protects lower bearing from water leakage

DRIVE SYSTEM

- Electrical 3-phase, 60Hz, 460V motor
- Off-the-shelf, shaft-mounted gear reducer
- Belt and guarding

WASH BASIN

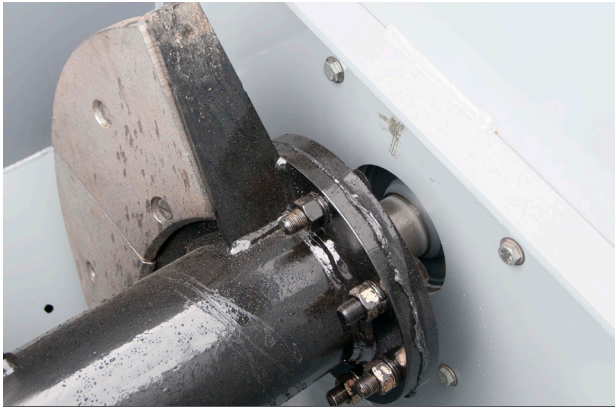
- Flush-back nozzle promotes efficient dewatering by removing stagnant sand near discharge

- Adjustable weir plates level overflow water, maximizing retention of desirable fines
- Baffle, located behind load zone, calms water for better retention of fines
- Heavy-duty skid frame
- Lifting points
- Drain for easy clean out
- Support legs



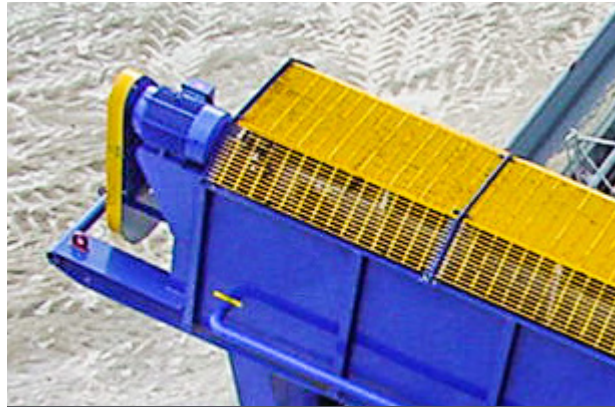
DISCHARGE CHUTE

- DISCHARGE CHUTE
- HYDRAULIC DRIVE



A532 WEAR SHOES

- A532 WEAR SHOES
- URETHANE WEAR SHOES



PERSONAL SAFETY COVERS AND GUARDING

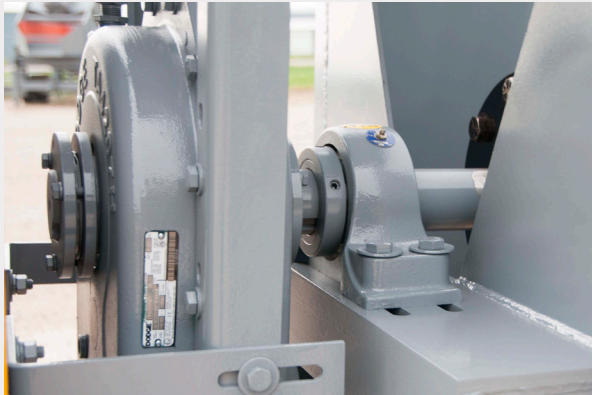
- PERSONAL SAFETY COVERS
- GUARDING
- FOLDING WING WALLS

IN-STOCK PARTS



WEAR SLEEVE AND LOWER SEAL

- STAINLESS STEEL WEAR SLEEVE
- HEAVY-DUTY RUBBER LOWER SEAL
- HEAVY WALLED STEEL PIPE SHAFTS



DRIVE COMPONENTS

- RUBBER WEAR SHOES
- A532 AND URETHANE WEAR SHOES
- BELLY PANS



RUBBER WEAR SHOES

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

SPECIFICATIONS

FINE MATERIAL WASHER – SINGLE SCREW

| Screw Size in x ft (mm x m) | Capacity TPH (MTPH) | Peripheral Screw Speed FPM (MPS) | Screw Speed RPM | Motor Size HP (kw) | Water Capacity - GPM (m³/sec) | | | Discharge Chute Weight lbs (kg) | Estimated Empty Weight lbs (kg) |
|--------------------------------|------------------------|-------------------------------------|--------------------|-----------------------|-------------------------------|--------------|-------------|------------------------------------|------------------------------------|
| | | | | | 100 Mesh | 150 Mesh | 200 Mesh | | |
| 12" x 14' (304 x 4) | 20 (18) | 120 (0.6) | 40 | 3 (2.0) | | | | | |
| | 15 (13) | 90 (0.4) | 30 | 3 (2.0) | 150 (0.009) | 100 (0.006) | 50 (0.003) | 80 (36) | 3,000 (1,360) |
| | 10 (9) | 60 (0.3) | 20 | 3 (2.0) | | | | | |
| | 5 (4) | 30 (0.1) | 10 | | | | | | |
| 24" x 24' (609 x 7) | 50 (45) | 200 (1.0) | 32 | 7.5 (5.5) | | | | | |
| | 38 (34) | 150 (0.8) | 24 | 5 (3.5) | 500 (0.03) | 225 (0.01) | 125 (0.007) | 120 (54) | 6,500 (2,948) |
| | 25 (22) | 100 (0.5) | 16 | 5 (3.5) | | | | | |
| 30" x 24' (762 x 7) | 75 (68) | 200 (1.0) | 25 | 15 (11.0) | | | | | |
| | 60 (54) | 150 (0.8) | 19 | 10 (7.5) | 575 (0.03) | 275 (0.01) | 160 (0.01) | 140 (64) | 8,300 (3,765) |
| | 50 (45) | 100 (0.5) | 13 | 7.5 (5.5) | | | | | |
| 36" x 25' (914 x 7) | 100 (90) | 200 (1.0) | 20 | 15 (11.0) | | | | | |
| | 75 (68) | 150 (0.8) | 15 | 10 (7.5) | 700 (0.04) | 330 (0.02) | 180 (0.01) | 150 (68) | 10,600 (4,808) |
| | 50 (45) | 100 (0.5) | 12 | 7.5 (5.5) | | | | | |
| 44" x 32'* (1,118 x 10) | 175 (159) | 200 (1.0) | 17 | 20 (15.0) | | | | | |
| | 130 (118) | 150 (0.8) | 14 | 15 (11.0) | 1,600 (0.10) | 750 (0.04) | 425 (0.02) | 240 (109) | 16,340 (7,412) |
| | 85 (77) | 100 (0.5) | 9 | 10 (7.5) | | | | | |
| 48" x 35' (1,219 x 11) | 200 (181) | 200 (1.0) | 16 | 30 (22.0) | | | | | |
| | 150 (136) | 150 (0.8) | 12 | 25 (18.5) | 1,700 (0.10) | 850 (0.05) | 450 (0.02) | 350 (159) | 25,000 (11,340) |
| | 100 (91) | 100 (0.5) | 8 | 20 (15.0) | | | | | |
| 54" x 35' (1,372 x 11) | 275 (249) | 200 (1.0) | 15 | 25 (18.5) | | | | | |
| | 210 (191) | 150 (0.8) | 12 | 20 (15.0) | 1,900 (0.11) | 950 (0.05) | 575 (0.03) | 240 (109) | 18,400 (8,346) |
| | 140 (127) | 100 (0.5) | 8 | 15 (11.0) | | | | | |
| 60" x 35' (1,524 x 11) | 340 (308) | 200 (1.0) | 14 | 40 (29.5) | | | | | |
| | 255 (231) | 150 (0.8) | 9 | 30 (22.0) | 2,200 (0.13) | 1,050 (0.06) | 600 (0.03) | 350 (159) | 27,500 (12,474) |
| | 170 (154) | 100 (0.5) | 7 | 25 (18.5) | | | | | |
| 66" x 35' (1,676 x 11) | 400 (363) | 200 (1.0) | 13 | 50 (37.0) | | | | | |
| | 300 (272) | 150 (0.8) | 11 | 40 (29.5) | 2,400 (0.15) | 1,200 (0.07) | 650 (0.04) | 350 (159) | 29,160 (13,227) |
| | 200 (181) | 100 (0.5) | 7 | 30 (22.0) | | | | | |
| 72" x 38' (1,829 x 12) | 475 (431) | 235 (1.2) | 13 | 60 (44.0) | | | | | |
| | 360 (327) | 180 (0.9) | 10 | 50 (37.0) | 2,600 (0.16) | 1,300 (0.08) | 700 (0.04) | 450 (204) | 31,880 (14,461) |
| | 240 (218) | 126 (0.6) | 7 | 40 (29.5) | | | | | |
| 84" x 38' (2,134 x 12) | 600 (544) | 260 (1.3) | 11 | 75 (55.0) | | | | | |
| | 450 (408) | 160 (0.8) | 8 | 60 (44.0) | 3,100 (0.19) | 1,600 (0.10) | 850 (0.05) | 550 (227) | 43,000 (19,504) |
| | 300 (272) | 110 (0.6) | 5 | 50 (37.0) | | | | | |

*Optional hinged folding wing walls allow for quick transition from transport to operation modes.

SPECIFICATIONS

| FINE MATERIAL WASHER – TWIN SCREW | | | | | | | | | |
|-----------------------------------|------------------------|-------------------------------------|--------------------|-----------------------|--|--------------|--------------|------------------------------------|------------------------------------|
| Screw Size in x ft (mm x m) | Capacity TPH (MTPH) | Peripheral Screw Speed FPM (MPS) | Screw Speed RPM | Motor Size HP (kw) | Water Capacity - GPM (m ³ /sec) | | | Discharge Chute Weight lbs (kg) | Estimated Empty Weight lbs (kg) |
| | | | | | 100 Mesh | 150 Mesh | 200 Mesh | | |
| 24" x 24' (609 x 7) | 100 (90) | 200 (1.0) | 32 | (2) 7.5 (5.5) | 890 (0.05) | 420 (0.02) | 235 (0.01) | 240 (109) | 14,800 (6,713) |
| | 75 (68) | 150 (0.8) | 24 | (2) 5 (3.5) | | | | | |
| | 50 (45) | 100 (0.5) | 16 | (2) 5 (3.5) | | | | | |
| 30" x 24' (762 x 7) | 150 (136) | 200 (1.0) | 25 | (2) 15 (11.0) | 1,000 (0.06) | 490 (0.03) | 280 (0.02) | 270 (122) | 15,700 (7,121) |
| | 120 (108) | 150 (0.8) | 19 | (2) 10 (7.5) | | | | | |
| | 100 (91) | 100 (0.5) | 13 | (2) 7.5 (5.5) | | | | | |
| 36" x 25' (914 x 7) | 200 (181) | 200 (1.0) | 20 | (2) 15 (11.0) | 1,250 (0.07) | 620 (0.04) | 340 (0.02) | 280 (127) | 17,000 (7,711) |
| | 150 (136) | 150 (0.8) | 15 | (2) 10 (7.5) | | | | | |
| | 100 (91) | 100 (0.5) | 10 | (2) 7.5 (5.5) | | | | | |
| 44" x 32' * (1,118 x 10) | 350 (318) | 200 (1.0) | 17 | (2) 20 (15.0) | 2,800 (0.17) | 1,400 (0.08) | 675 (0.04) | 350 (159) | 30,000 (13,608) |
| | 260 (236) | 150 (0.8) | 14 | (2) 15 (11.0) | | | | | |
| | 170 (154) | 100 (0.5) | 9 | (2) 10 (7.5) | | | | | |
| 48" x 35' (1,219 x 11) | 400 (363) | 200 (1.0) | 16 | (2) 25 (18.5) | 3,000 (0.18) | 1,450 (0.09) | 750 (0.04) | 380 (172) | 40,000 (18,144) |
| | 300 (272) | 150 (0.8) | 12 | (2) 20 (15.0) | | | | | |
| | 200 (181) | 100 (0.5) | 8 | (2) 15 (11.0) | | | | | |
| 54" x 35' (1,372 x 11) | 550 (499) | 200 (1.0) | 15 | (2) 30 (22.0) | 3,500 (0.22) | 1,750 (0.11) | 950 (0.05) | 480 (218) | 48,000 (21,772) |
| | 420 (381) | 150 (0.8) | 12 | (2) 25 (18.5) | | | | | |
| | 280 (254) | 100 (0.5) | 8 | (2) 15 (11.0) | | | | | |
| 60" x 35' (1,524 x 11) | 680 (617) | 200 (1.0) | 14 | (2) 40 (29.5) | 3,700 (0.23) | 1,800 (0.11) | 975 (0.06) | 580 (263) | 60,000 (27,216) |
| | 510 (463) | 150 (0.8) | 9 | (2) 30 (22.0) | | | | | |
| | 340 (308) | 100 (0.5) | 7 | (2) 25 (18.5) | | | | | |
| 66" x 35' (1,676 x 11) | 800 (726) | 200 (1.0) | 13 | (2) 50 (37.0) | 4,000 (0.25) | 2,000 (0.12) | 1,200 (0.07) | 650 (295) | 62,000 (28,123) |
| | 600 (544) | 150 (0.8) | 11 | (2) 40 (29.5) | | | | | |
| | 400 (363) | 100 (0.5) | 7 | (2) 30 (22.0) | | | | | |
| 72" x 38' (1,829 x 12) | 950 (862) | 235 (1.2) | 13 | (2) 60 (44.0) | 4,500 (0.28) | 2,200 (0.13) | 1,250 (0.07) | 750 (340) | 64,500 (29,257) |
| | 710 (644) | 180 (0.9) | 10 | (2) 50 (37.0) | | | | | |
| | 475 (431) | 126 (0.6) | 7 | (2) 40 (29.5) | | | | | |
| 84" x 38' (2,134 x 12) | 1,100 (998) | 224 (1.1) | 12 | (2) 75 (55.0) | 4,800 (0.30) | 2,500 (0.15) | 1,350 (0.08) | 850 (386) | 70,500 (31,978) |
| | 825 (748) | 180 (0.9) | 9 | (2) 60 (44.0) | | | | | |
| | 550 (499) | 120 (0.6) | 6 | (2) 50 (37.0) | | | | | |

*Optional hinged folding wing walls allow for quick transition from transport to operation modes.

PHOTO GALLERY

