



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. ■

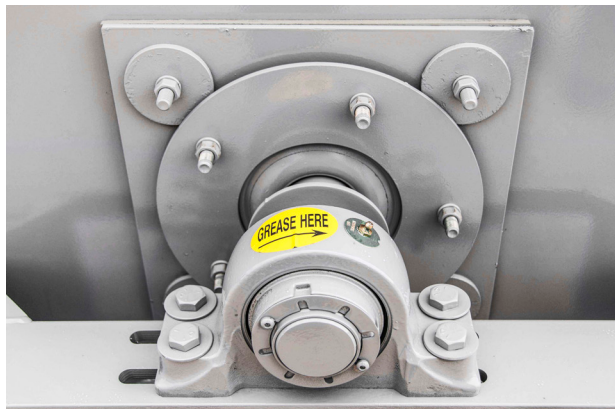
One machine for dewatering, classifying and washing materials. ■



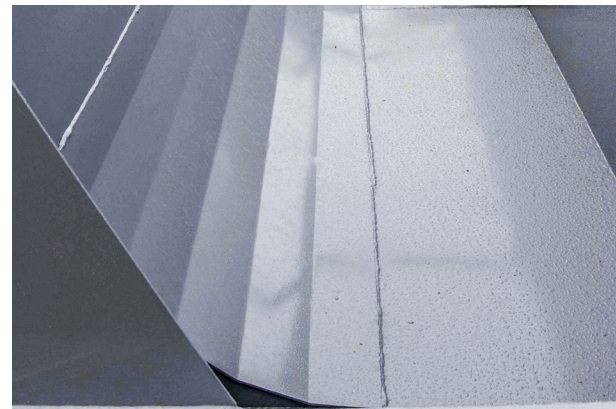
FEATURES



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

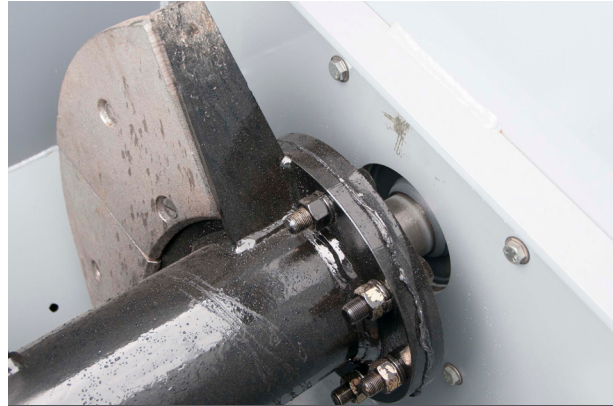
- Baffle, located behind load zone, calms water for better retention of fines
- Heavy-duty skid frame
- Lifting points
- Drain for easy clean out
- Support legs

OPTIONS



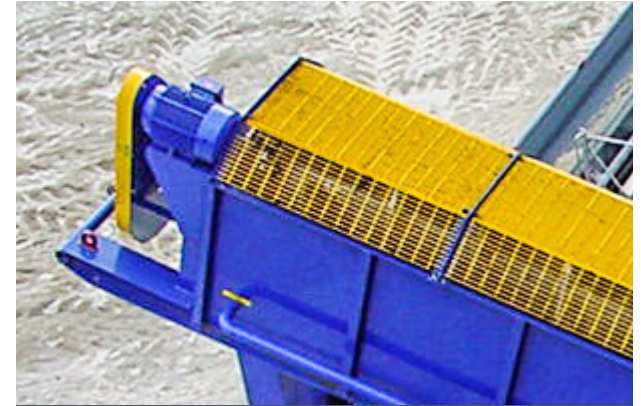
DISCHARGE CHUTE

- DISCHARGE CHUTE
- HYDRAULIC DRIVE



A532 WEAR SHOES

- A532 WEAR SHOES
- URETHANE WEAR SHOES



PERSONAL SAFETY COVERS AND GUARDING

- PERSONAL SAFETY COVERS
- GUARDING

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									
Size (mm x m)	TPH (MT)	Peripheral Screw Speed (MPS)	RPM	HP (kw)	Overflow Water Capacity - gpm (m³/sec)			Discharge Weight (kg)	Estimated Empty Weight (kg)
					100M	150M	200M		
44" x 32' (1,118 x 10)	175 (159)	200 (1.0)	17	20 (15.0)	1,600 (0.10)	750 (0.04)	425 (0.02)	240 (109)	16,340 (7,412)
	130 (118)	150 (0.8)	14	15 (11.0)					
	85 (77)	100 (0.5)	9	10 (8.0)					
48" x 35' (1,219 x 11)	275 (249)	200 (1.0)	15	30 (22.0)	1,900 (0.11)	950 (0.05)	575 (0.03)	350 (159)	25,000 (11,340)
	210 (191)	150 (0.8)	12	25 (19.0)					
	140 (127)	100 (0.5)	8	20 (15.0)					
54" x 35' (1,372 x 11)	200 (181)	200 (1.0)	16	25 (19.0)	1,700 (0.10)	850 (0.05)	450 (0.02)	240 (109)	18,400 (8,346)
	150 (136)	150 (0.8)	12	20 (15.0)					
	100 (91)	100 (0.5)	8	15 (11.0)					
60" x 35' (1,524 x 11)	340 (308)	200 (1.0)	14	40 (30.0)	2,200 (0.13)	1,050 (0.06)	600 (0.03)	350 (159)	27,500 (12,474)
	255 (231)	150 (0.8)	9	30 (22.0)					
	170 (154)	100 (0.5)	7	25 (19.0)					
66" x 35' (1,676 x 11)	400 (363)	200 (1.0)	13	50 (37.0)	2,400 (0.15)	1,200 (0.07)	650 (0.04)	350 (159)	29,160 (13,227)
	300 (272)	150 (0.8)	11	40 (30.0)					
	200 (181)	100 (0.5)	7	30 (22.0)					
72" x 38' (1,829 x 12)	475 (431)	235 (1.2)	13	60 (45.0)	2,600 (0.16)	1,300 (0.08)	700 (0.04)	450 (204)	31,880 (14,461)
	360 (327)	180 (0.9)	10	50 (37.0)					
	240 (218)	126 (0.6)	7	40 (30.0)					
84" x 38' (2,134 x 12)	600 (544)	260 (1.3)	11	75 (56.0)	3,100 (0.19)	1,600 (0.10)	850 (0.05)	550 (227)	43,000 (19,504)
	450 (408)	160 (0.8)	8	60 (45.0)					
	300 (272)	110 (0.6)	5	50 (37.0)					

SPECIFICATIONS

FINE MATERIAL WASHER – TWIN SCREW									
Size (mm x m)	TPH (MT)	Peripheral Screw Speed (MPS)	RPM	HP (KH)	Overflow Water Capacity - gpm (m³/sec)			Discharge Weight (kg)	Estimated Empty Weight (kg)
					100M	150M	200M		
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 (7.0)					
48" x 35' (1,219 x 11)	400 (363)	200 (1.0)	16	(2)25 (19.0)	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)
	412 (374)	150 (0.8)	12	(2)25 (19.0)					
	275 (250)	100 (0.5)	8	(2)20 (15.0)					
60" x 35' (1,524 x 11)	680 (617)	200 (1.0)	14	(2)40 (30.0)	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 (19.0)					
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 (0.75)	650 (295)	62,000 (28,123)
	600 (544)	150 (0.8)	11	(2)40 (30.0)					
	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 (45.0)	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 (30.0)					
84" x 38' (2,134 x 12)	1,100 (998)	224 (1.1)	12	(2)75 (56.0)	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 (45.0)					
	550 (499)	120 (0.6)	6	(2)50 (37.0)					

PHOTO GALLERY



 **DIAMOND**
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