

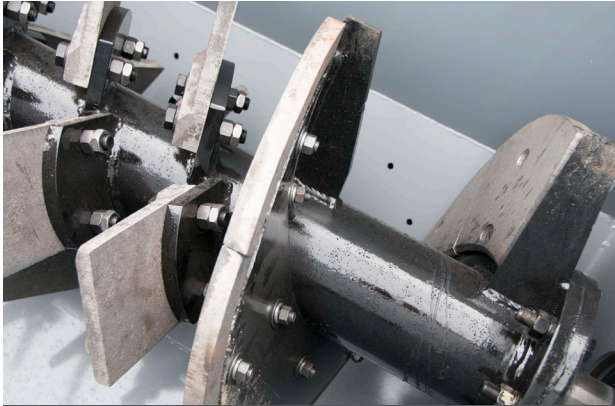


# COARSE MATERIAL WASHER

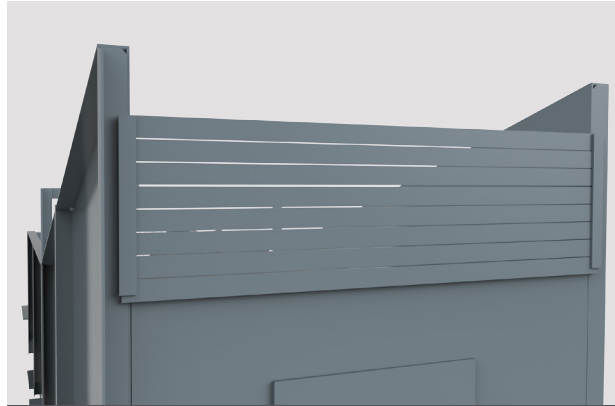
Up to 550 TPH

- 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



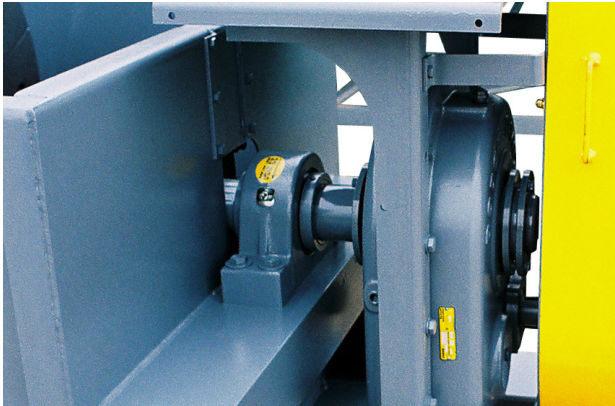
**A532 WEAR SHOES AND PADDLES**



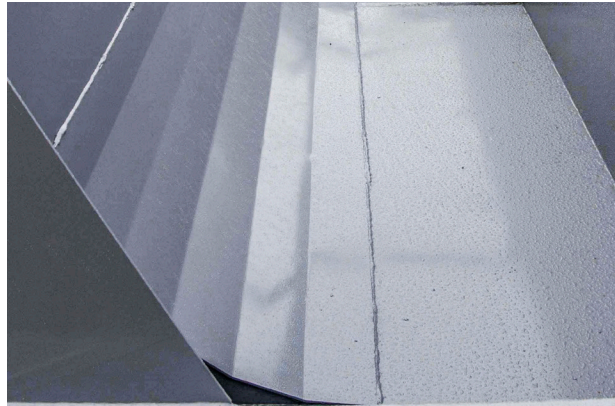
**ADJUSTABLE OVERFLOW GATE**



**SLINGER PROTECTS LOWER BEARING**



**GEAR REDUCER**



**CURVED BELLY PAN**



**FLUSH-BACK NOZZLE**

## DEWATERING 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°

# OPTIONS



**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 SCREEN

Size (mm x m)	Estimated TPH (MT)	RPM	HP (kw)	Maximum Material Size (mm)	Estimated Empty Weight (kg)	Discharge Chutes Weight (kg)
<b>24" x 18'</b> (610x5)	<b>60 - 75</b> (50-60)	<b>40</b>	<b>15</b> (10)	<b>1.5"</b> (40)	<b>8,000</b> (3,600)	<b>120</b> (50)
<b>30" x 18'</b> (760x5)	<b>100 - 125</b> (90-110)	<b>35</b>	<b>20</b> (15)	<b>2.0"</b> (50)	<b>9,000</b> (4,000)	<b>140</b> (60)
<b>30" x 24'</b> (760x7)	<b>100 - 125</b> (90-110)	<b>35</b>	<b>25</b> (20)	<b>2.0"</b> (50)	<b>10,700</b> (4,800)	<b>140</b> (60)
<b>36" x 18'</b> (915x5)	<b>150 - 175</b> (135-160)	<b>30</b>	<b>25</b> (20)	<b>3.0"</b> (75)	<b>11,300</b> (5,100)	<b>150</b> (70)
<b>36" x 28'</b> (915x10)	<b>150 - 175</b> (135-160)	<b>30</b>	<b>30</b> (40)	<b>3.0"</b> (75)	<b>14,400</b> (6,500)	<b>150</b> (70)
<b>44" x 20'</b> (1,100x6)	<b>200 - 250</b> (180-230)	<b>26</b>	<b>30</b> (40)	<b>3.0"</b> (75)	<b>15,000</b> (6,700)	<b>240</b> (100)
<b>44" x 32'</b> (1,100x10)	<b>200 - 250</b> (180-230)	<b>26</b>	<b>50</b> (40)	<b>3.0"</b> (75)	<b>19,100</b> (8,700)	<b>240</b> (100)
<b>48" x 24'</b> (1,200x7)	<b>220 - 275</b> (200-250)	<b>24</b>	<b>40</b> (40)	<b>3.5"</b> (90)	<b>21,500</b> (9,800)	<b>280</b> (130)
<b>48" x 32'</b> (1,200x10)	<b>220 - 275</b> (200-250)	<b>24</b>	<b>50</b> (40)	<b>3.5"</b> (90)	<b>25,500</b> (11,600)	<b>280</b> (130)

## COARSE MATERIAL WASHER - TWIN SCREEN

Size (mm x m)	Estimated TPH (MT)	RPM	HP (kw)	Maximum Material Size (mm)	Estimated Empty Weight (kg)	Discharge Chutes Weight (kg)
<b>30" x 18'</b> (760x5)	<b>200 - 250</b> (180-230)	<b>35</b>	<b>(2) 20</b> (15)	<b>1.5"</b> (40)	<b>13,700</b> (6,200)	<b>280</b> (130)
<b>30" x 24'</b> (760x7)	<b>200 - 250</b> (180-230)	<b>35</b>	<b>(2) 25</b> (20)	<b>2.0"</b> (50)	<b>19,300</b> (8,700)	<b>280</b> (130)
<b>36" x 18'</b> (915x5)	<b>250 - 300</b> (230-270)	<b>30</b>	<b>(2) 25</b> (20)	<b>3.0"</b> (75)	<b>16,800</b> (7,600)	<b>280</b> (130)
<b>36" x 28'</b> (915x10)	<b>250 - 300</b> (230-270)	<b>30</b>	<b>(2) 30</b> (20)	<b>3.0"</b> (75)	<b>23,000</b> (10,500)	<b>280</b> (130)
<b>44" x 20'</b> (1,100x6)	<b>450 - 500</b> (400-450)	<b>26</b>	<b>(2) 30</b> (20)	<b>3.0"</b> (75)	<b>28,400</b> (12,900)	<b>350</b> (160)
<b>44" x 32'</b> (1,100x10)	<b>450 - 500</b> (400-450)	<b>26</b>	<b>(2) 50</b> (35)	<b>3.0"</b> (75)	<b>36,600</b> (16,600)	<b>350</b> (160)
<b>48" x 24'</b> (1,200x7)	<b>450 - 550</b> (400-500)	<b>24</b>	<b>(2) 40</b> (30)	<b>3.5"</b> (90)	<b>39,600</b> (18,000)	<b>450</b> (200)
<b>48" x 32'</b> (1,200x10)	<b>450 - 550</b> (400-500)	<b>24</b>	<b>(2) 50</b> (35)	<b>3.5"</b> (90)	<b>42,500</b> (19,300)	<b>450</b> (200)