



# COARSE MATERIAL WASHER

Scrubbing Removes Coatings, Light-Weight Contaminants and Soluble Clays



## FEATURES

- » Adjustable screw shaft process material up to 4.5" (114mm)
- » Low horsepower (kW) to tonnage ratio
- » Heavy-duty angle iron skid plate installs without cranes
- » Off-the-shelf components are easy to replace

## APPLICATIONS

- » Remove excess -4 mesh
- » Remove crusher dust
- » Remove light clays

## FEATURES



### 01/ A-532 WEAR PADDLES

Abrasion-resistant cast iron used specifically for mining and earth-handling industries. Guaranteed hardness ensures quality.

### 02/ ADJUSTABLE OVERFLOW GATE

Allows control of water bed depth for cleaner, drier product.

### 03/ SAFEGUARD OUTBOARD BEARING

Off-the-shelf pillow block bearing installed outside tank for protection and easy maintenance.

### 04/ FULLY-GUARDED DRIVE SYSTEM

Utilizes common off-the-shelf, shaft-mounted gear reducer.

### 05/ CURVED BELLY PAN

Eliminates dead spots for material to gather common to 90° angles.

### 06/ SINGLE OR TWIN SCREWS

Flights and paddle bases are protected with replaceable A532 wear shoes and paddles.

## OPTIONS

ADDITIONAL REVOLUTIONS OF PADDLES

DISCHARGE CHUTE

HYDRAULIC DRIVE

URETHANE WEAR SHOES

BOLT-ON PADDLES

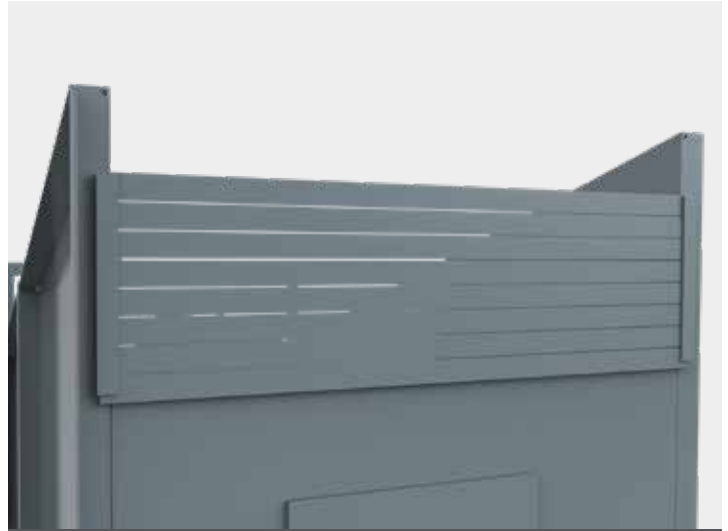
SAFETY COVERS

ROAD PORTABLE PACKAGE

## FEATURES



01/ A-532 WEAR PADDLES



02/ ADJUSTABLE OVERFLOW GATE



03/ GUARDED OUTBOARD BEARING



04/ FULLY-GUARDED DRIVE SYSTEM



05 / CURVED BELY PAN



06/ SINGLE OR TWIN SCREWS

Rock Face to Load Out\*

## COARSE MATERIAL WASHER - SINGLE SCREW

| Screw Size<br>in x ft (mmxm) | Estimated Capacity<br>TPH (MTPH) | Screw Speed<br>RPM | Motor Size<br>HP (kW) | Maximum Material Size<br>inch (mm) | Estimated Empty Weight<br>lbs (kg) | Discharge Chute Weight<br>lbs (kg) |
|------------------------------|----------------------------------|--------------------|-----------------------|------------------------------------|------------------------------------|------------------------------------|
| <b>GENERAL</b>               |                                  |                    |                       |                                    |                                    |                                    |
| 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<br>in x ft (mmxm) | Estimated Capacity<br>TPH (MTPH) | Screw Speed<br>RPM | Motor Size<br>HP (kW) | Maximum Material Size<br>inch (mm) | Estimated Empty Weight<br>lbs (kg) | Discharge Chute Weight<br>lbs (kg) |
|------------------------------|----------------------------------|--------------------|-----------------------|------------------------------------|------------------------------------|------------------------------------|
| <b>GENERAL</b>               |                                  |                    |                       |                                    |                                    |                                    |
| 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)                          |