



# AGGRE-WASHER™ PORTABLE PLANT

Washing and Screening

Simply fold the feed hopper and remove blocking for a **quick transition from operation to transport** mode. ■

Large, water system equipped feed hopper ensures **maximum production to the screen**. ■

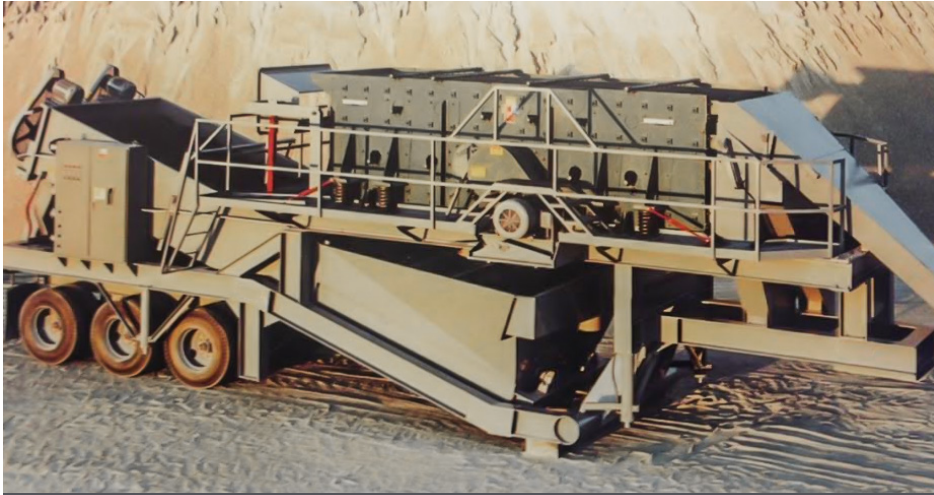
Spray bars on each deck ensure **maximum material washing**. ■

**Flexible to design and manufacture** units for custom performance. ■





# FEATURES



**PORTABLE WASH PLANT**



**SEMI-PORTABLE WASH PLANT**

## FINE MATERIAL WASHER

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

## PROCESSING SCREEN

- Customer screen brand preference
- Drive motor
- Screen subframe

## SCREEN DISCHARGE CHUTE

- AR plate steel liners
- Maintenance-free service life
- Discharge directly onto conveyor

## SPRAY BARS

- Installed on each deck for maximum washing
- Valve regulated water flow rate

## WORK PLATFORM

- Large, safe area to change screen cloth, adjust spray bars and monitor operation

## WIRED FOR IMMEDIATE PRODUCTION

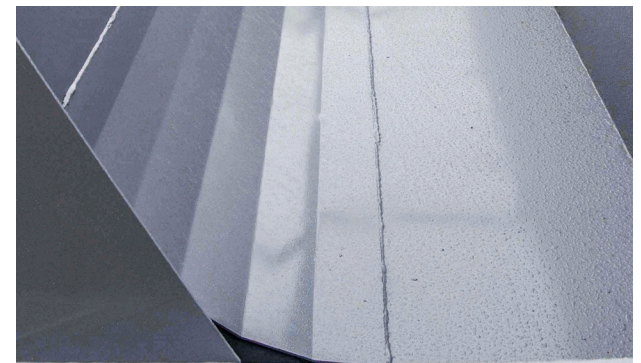
- Simply plug into electrical source and switch on

## WASH BASIN

- Minimal clearance between belly pan and screw shaft to accommodate smaller size aggregate
- Flush back nozzle promotes efficient dewatering by removing stagnant sand near discharge
- Baffle, located behind load zone, calms water for better retention of fines
- Drain for easy clean out



**SINGLE OR TWIN SHAFT**



**CURVED BELLY PAN**



# OPTIONS



**AR LINED STEEL CHUTE**

- SINGLE OR TWIN SCREW CLASSIFIERS
- HORIZONTAL OR INCLINE SCREENS
- 24" - 30" REVERSIBLE CROSS CONVEYOR
- VALVE REGULATED WATER FLOW RATE



**TRIPLE AXLES ON 16' AND LARGER**

- TRIPLE AXLE ASSEMBLY
- OVERSIZE MATERIAL BLENDING GATE
- URETHANE OR A532 WEAR SHOES
- HYDRAULIC LEVELING JACKS



**ROBUST, LONG-LASTING CONSTRUCTION**

- ROLLAWAY DISCHARGE CHUTES
- 30 AMP MALE PIN AND SLEEVE PLUGS
- ADDITIONAL NO. 2 STARTER/START-STOP SWITCH
- OFF PLANT CONVEYORS

# 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



## AGGRE-WASHER™ PORTABLE PLANT – SINGLE SCREW

Size (mm x m)	TPH (MT)	Peripheral Screw Speed (MPS)	RPM	Max. Material Size (mm)	HP (MT)	Overflow Water Capacity - gpm (m³/sec)		
						100M	150M	200M
<b>36" x 25'</b> (1,118 x 10)	<b>100</b> (90)	<b>100</b> (0.5)	<b>20</b>	<b>3/8"</b> (9.5)	<b>15.0</b> (11.0)	<b>1,600</b> (0.10)	<b>750</b> (0.04)	<b>425</b> (0.02)
	<b>75</b> (68)	<b>75</b> (0.3)	<b>15</b>		<b>10.0</b> (7.5)			
	<b>50</b> (45)	<b>50</b> (0.2)	<b>10</b>		<b>7.5</b> (5.5)			
<b>36" x 28'</b> (1,219 x 11)	<b>100</b> (90)	<b>100</b> (0.5)	<b>20</b>	<b>3/8"</b> (9.5)	<b>15.0</b> (11.0)	<b>1,900</b> (0.11)	<b>950</b> (0.05)	<b>575</b> (0.03)
	<b>75</b> (68)	<b>75</b> (0.3)	<b>15</b>		<b>10.0</b> (7.5)			
	<b>50</b> (45)	<b>50</b> (0.2)	<b>10</b>		<b>7.5</b> (5.5)			
<b>44" x 32'</b> (1,372 x 11)	<b>175</b> (159)	<b>100</b> (0.5)	<b>17</b>	<b>3/8"</b> (9.5)	<b>20.0</b> (15.0)	<b>1,700</b> (0.10)	<b>850</b> (0.05)	<b>450</b> (0.02)
	<b>130</b> (118)	<b>75</b> (0.3)	<b>14</b>		<b>15.0</b> (11.0)			
	<b>85</b> (77)	<b>50</b> (0.2)	<b>10</b>		<b>10.0</b> (7.5)			
<b>48" x 32'</b> (1,524 x 11)	<b>200</b> (181)	<b>100</b> (0.5)	<b>16</b>	<b>3/8"</b> (9.5)	<b>25.0</b> (18.5)	<b>2,200</b> (0.13)	<b>1,050</b> (0.06)	<b>600</b> (0.03)
	<b>150</b> (136)	<b>75</b> (0.3)	<b>12</b>		<b>20.0</b> (15.0)			
	<b>100</b> (90)	<b>50</b> (0.2)	<b>8</b>		<b>15.0</b> (11.0)			
<b>54" x 35'</b> (1,676 x 11)	<b>275</b> (249)	<b>100</b> (0.5)	<b>16</b>	<b>3/8"</b> (9.5)	<b>30.0</b> (22.5)	<b>2,400</b> (0.15)	<b>1,200</b> (0.07)	<b>650</b> (0.04)
	<b>210</b> (190)	<b>75</b> (0.3)	<b>12</b>		<b>25.0</b> (18.5)			
	<b>140</b> (127)	<b>50</b> (0.2)	<b>8</b>		<b>20.0</b> (15.0)			

## AGGRE-WASHER™ PORTABLE PLANT – TWIN SCREW

Size (mm x m)	TPH (MT)	Peripheral Screw Speed (MPS)	RPM	Max. Material Size (mm)	HP (MT)	Overflow Water Capacity - gpm (m³/sec)		
						100M	150M	200M
<b>36" x 25'</b> (1,118 x 10)	<b>200</b> (181)	<b>100</b> (0.5)	<b>20</b>	<b>3/8"</b> (9.5)	<b>(2) 15.0</b> (11.0)	<b>1,250</b> (0.07)	<b>620</b> (0.03)	<b>340</b> (0.02)
	<b>150</b> (136)	<b>75</b> (0.3)	<b>15</b>		<b>(2) 10.0</b> (7.5)			
	<b>100</b> (90)	<b>50</b> (0.2)	<b>10</b>		<b>(2) 7.5</b> (5.5)			
<b>36" x 28'</b> (1,219 x 11)	<b>200</b> (181)	<b>100</b> (0.5)	<b>20</b>	<b>3/8"</b> (9.5)	<b>(2) 15.0</b> (11.0)	<b>1,250</b> (0.07)	<b>620</b> (0.03)	<b>340</b> (0.02)
	<b>150</b> (136)	<b>75</b> (0.3)	<b>15</b>		<b>(2) 10.0</b> (7.5)			
	<b>100</b> (90)	<b>50</b> (0.2)	<b>10</b>		<b>(2) 7.5</b> (5.5)			
<b>44" x 32'</b> (1,372 x 11)	<b>350</b> (317)	<b>100</b> (0.5)	<b>18</b>	<b>3/8"</b> (9.5)	<b>(2) 20.0</b> (15.0)	<b>2,800</b> (0.17)	<b>1,400</b> (0.08)	<b>675</b> (0.04)
	<b>260</b> (235)	<b>75</b> (0.3)	<b>14</b>		<b>(2) 15.0</b> (11.0)			
	<b>170</b> (154)	<b>50</b> (0.2)	<b>10</b>		<b>(2) 10.0</b> (7.5)			