# Aggstorm 8


## TECHNICAL SPECIFICATIONS

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# Aggstorm 8

| POST SCREEN | PRE SCREEN OPTION<br>12x5 Linear Screen | 12x5 2 Deck Incline |
|---|---|---|
| 8x4 Linear Screen | ✓ | ✓ |
| 12x5 Linear Screen | ✓ | ✓ |
| 9x4 3 Deck Incline | ✓ | ✓ |
| 12x5 2 Deck Incline | ✓ | ✓ |

In the attached infographic you can see an outline of all the Pre and Post Screen Options and the various combinations that can be achieved.

In terms of Trash Screen every plant combination can be fitted with either 6x2 or an 8x4 Trash Screen. This will be driven by the % and type of trash that is within the Feed Material


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# Aggstorm 8 Hull

| AGGSTORM 80 HULL | |
|---|---|
| Hull Width | 2140mm (7') |
| Hull Legnth | 5330mm (18') |
| Drive Mechanism | Belt Driven Direct Gearbox & Chain Coupling |
| Electrical Motors | 2x 22kW |
| No. Spray Nozzles | 20 x 7mm Rinser Spray Nozzles |
| | 16 x 10mm Drilled Outlets |
| Shaft RPM | 17 – 22 RPM (VSD Supplied Standard) |
| Hull Incline Angle | 8 Degrees |
| Shaft Wall Thickness | 19mm |
| Shaft Options | Helical Blade Orientation (xx No Blades / shaft) |
| | Straight Blade Orientation (xx No Blades / shaft) |
| Blade Options | Hardox (Item 1) |
| | 13% Manganese (Item 2) |
| | High Chromium (Item 3) |
| Hull Access | 5 Large Access Doors per Side |
| | Open Top Hull (Removeable Mesh) |
| Wear Liners | Rubber Lined Chute Work |
| | Material Build up to Line Hull |
| Water Level Adjustment | Using Removable Dam Bars at Hull Outlet |


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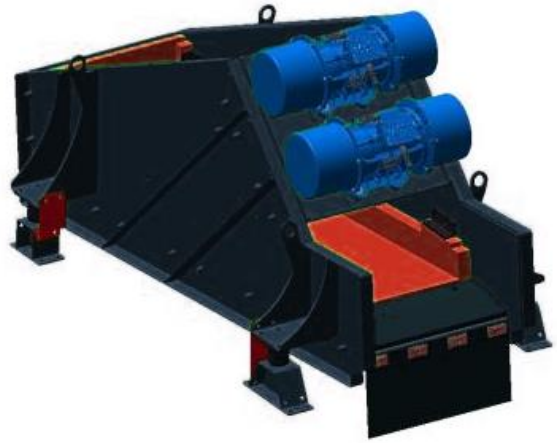
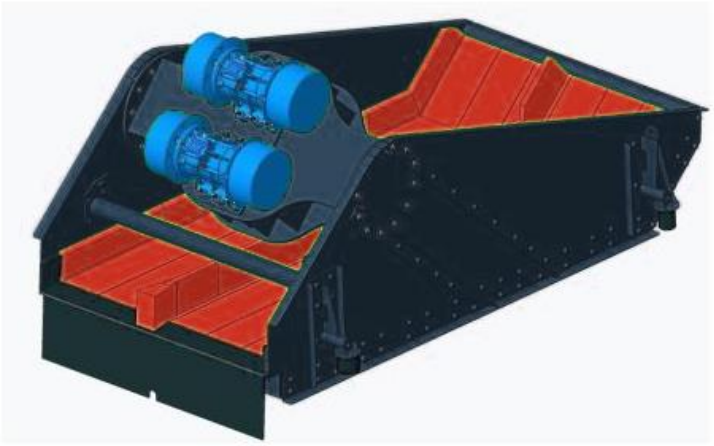
# Trash Screen Options

Trash Screen is located at the back end of the hull. Its purpose is to deal with any woods, plastics, or light material that weirs off the back of the logwasher, dewater the trash material and discharge into a bay or skip to improve the quality of the end product

| 6x2 DEWATERING SCREEN | |
|---|---|
| Screen width | 1200mm (4') |
| Screen length | 2400mm (8') |
| Drive | Electric Vibrating Motors |
| Motor | 2 x 2.69kW (3.6hp) |
| Speed | 900 RPM |
| Media Type Options | WS85 Polyurethane Panels |

| 8x4 DEWATERING SCREEN | |
|---|---|
| Screen width | 1200mm (4') |
| Screen length | 2400mm (8') |
| Drive | Electric Vibrating Motors |
| Motor | 2 x 2.69kW (3.6hp) |
| Speed | 900 RPM |
| Media Type Options | WS85 Polyurethane Panels |





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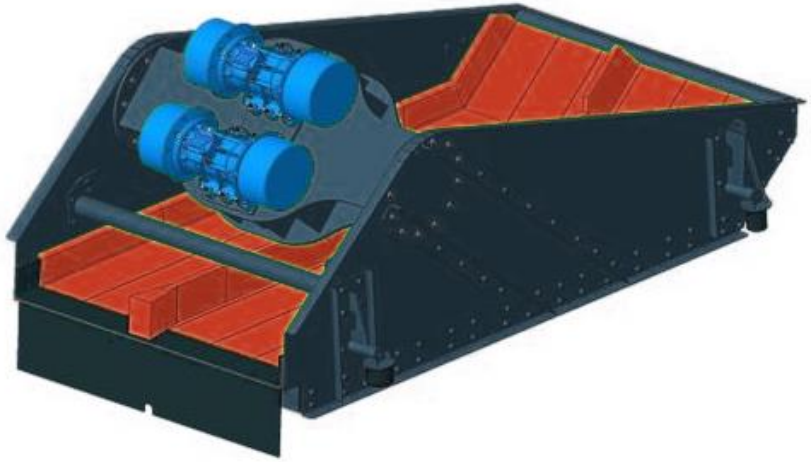
# Pre-Screen Options

The Pre Screen is a primary rinsing screen before material enters the Logwasher hull. Material going to this screen will have passed through a tipping grid, or a scalping screen to size at 100mm (-4") On this screen the material will be rinsed to remove the majority of -5mm material. Reducing the amount of 5mm in the log washer hull is imperative to increase the function of stone on stone attrition for scrubbing the material & also reducing wear on the blades

| 12x5 LINEAR PRE SCREEN | |
|---|---|
| Screen width | 800mm (5') |
| Screen length | 3600mm (12') |
| Drive | Electric Vibrating Motors |
| Motor | 2 x 4.5kW (6hp) |
| Speed | 900 RPM |
| Media Type Options | WS85 Polyurethane Panels |
| No. of Spray Nozzles | 30 |



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| 12x5 2 DECK INCLINE PRE SCREEN | |
|---|---|
| Screen width | 1525mm (5') |
| Screen length | 3600mm (12') |
| Drive | Belt and Pulley System |
| Motor | 11kW (15hp) |
| Media Type | Side Tensioned Wire Mesh |
| Media Panel Size | 1525 x 1220mm (5'x4') |
| Screen Incliine Angle | 18 Degrees |
| Discharge Chute | Hardox Lined Roll in Chute |
| Oversize Discharge Conveyor | 8m x 650mm (26' x 26") |
| Conveyor Drive Motor | 4kW (5hp) |

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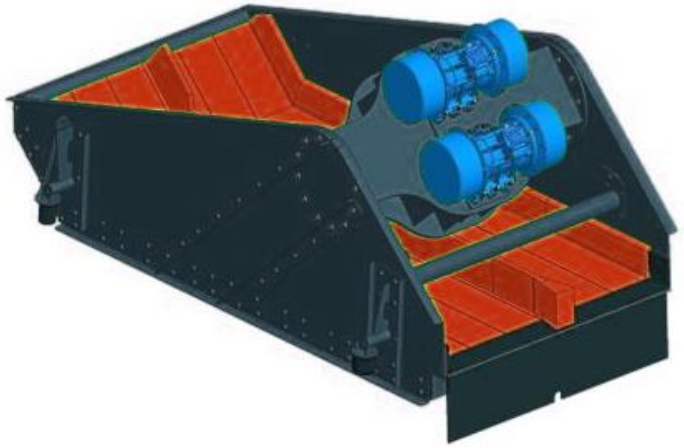
# Post-Screen Options

After passing through the Logwasher Hull, the cleaned Aggregate is transferred onto a second screen. There are a number of different options for this screen. The single deck screens are used for rinsing the material before transferring onto a secondary sizing screen. The incline screens are used for sizing and rinsing directly from material discharge of the log washer hull. Further information on material flows can be found in the flow sheets later in this document

| 8x4 LINEAR RINSING SCREEN | |
|---|---|
| Screen width | 1200mm (4') |
| Screen length | 2400mm (8') |
| Drive | Electric Vibrating Motors |
| Motor | 2 x 2.69kW (3.6hp) |
| Speed | 900 RPM |
| Media Type Options | WS85 Polyurethane Panels |
| No. Of Spray Nozzles | 10 |

| 12x5 LINER RINSING SCREEN | |
|---|---|
| Screen width | 800mm (5') |
| Screen length | 3600mm (12') |
| Drive | Electric Vibrating Motors |
| Motor | 2 x 4.5kW (6hp) |
| Speed | 900 RPM |
| Media Type Options | WS85 Polyurethane Panels |
| No. of Spray Nozzles | 14 |



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| 9x4 3 DECK INCLINE PRE SCREEN | |
|---|---|
| Screen width | 1525mm (5') |
| Screen length | 3600mm (12') |
| Drive | Belt and Pulley System |
| Motor | 11kW (15hp) |
| Media Type | Side Tensioned Wire Mesh |
| Media Panel Size | 1525 x 1220mm (5'x4') |
| No. of Spray Nozzles | 18 |
| Screen Incliine Angle | 18 Degrees |
| Discharge Chute | Hardox Lined Roll in Chute |
| Oversize Discharge Conveyor | 8m x 650mm (26' x 26") |
| Conveyor Drive Motor | 4kW (5hp) |

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| 12x5 2 DECK INCLINE PRE SCREEN | |
|---|---|
| Screen width | 1525mm (5') |
| Screen length | 3600mm (12') |
| Drive | Belt and Pulley System |
| Motor | 11kW (15hp) |
| Media Type | Side Tensioned Wire Mesh |
| Media Panel Size | 1525 x 1220mm (5'x4') |
| No. of Spray Nozzles | 24 |
| Screen Incliine Angle | 18 Degrees |
| Discharge Chute | Hardox Lined Roll in Chute |
| Oversize Discharge Conveyor | 8m x 650mm (26' x 26") |
| Conveyor Drive Motor | 4kW (5hp) |

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