Smarter Washing Solutions

AGGSTORM™ 150
Modular Wash Range
Around the globe, the Mining and Minerals industry is met with challenges and uncertainty. There is a growing need to meet today’s stringent specifications for cleaner and higher quality aggregates, more effective water recycling processes and the drive to provide highly productive equipment. It is therefore vital to invest in a flawless washing system, that is made to be more productive and smarter today than ever before.

McCloskey International has been a market leader for more than 30 years in providing superior quality equipment to a large customer network worldwide. To ensure we remain at the forefront of our industry, we make it our goal to assure our customers that the service we provide is second to none and, that we continually meet their exact specifications for their requirements.

We have two state of the art manufacturing facilities, our headquarters in Ontario, Canada and European headquarters in Co. Tyrone, N. Ireland. McCloskey International is the largest independent manufacturer of portable crushing, screening and washing equipment in the world.

Our unique approach incorporates partnership, engagement and collaboration underpinned by market leading experience and a commitment to the highest health and safety standards. We ensure the appropriate skill set is applied to the design and quality to all our washing products to meet the specific challenges of our customers’ requirements.

MWS is the perfect choice for taking your challenges and delivering smarter and more efficient solutions to washing.

Unrivalled knowledge of our specialist market and a full understanding of customer expectations puts us at the forefront of our field.
AGGSTORM™ 150

The McCloskey AggStorm™ range takes washing to the next level by providing robust and reliable equipment for the most challenging applications. The AggStorm™150 is a modular design plant to remove harsh, clay-bound material from natural and crushed gravel, stone, and ore feeds that cannot be removed by rinsing or screening alone. AggStorm™ is an effective solution to be used in the aggregate and mining industries.

The log shafts rotate in opposite directions and are timed to obtain an overlap of the paddle shoes for maximum scrubbing action. The AggStorm’s™ design features ensure smart performance in the harshest environments. It guarantees it will transform your clay-bound material into premium, unsurpassed end product.

McCloskey Washing Systems strives to provide the most robust and reliable equipment for the most demanding applications. We listen and collaborate with our customers to provide the best results for their projects.
1. Material scrubbed in logwasher
2. Lights ‘Trash’ removed and dewatered on dewatering screen 6ft x 2ft (1.8m x 0.6m)
3. Aggregates rinsed and sized on rinsing screen 12ft x 5ft (3.7m x 1.5m) (2 deck incline)
4. Sand and silt collected in sump tank and pumped to sand plants/Sandstorm™
5. Aggregate stockpiled

AGGSTORM 150

- Modular design
- 150TPH capacity
- Ability to integrate with the SandStorm™ range
- Single electric motor
- Robust for heavy duty applications
- Low water consumption
- Rubber lined catch boxes and outlet chutes
- Cast steel blades
- Full walkway access
- Fire proofed
- Wash down hose reel
- Wired to Isolators

Dimensions & Weights
- Length: 52ft (15.8m) – without conveyors fitted
- Width: 18ft (5.7m) – without conveyors fitted
- Height: 26ft (7.8m) – with 12 x 5ft 2 deck post rinsing screen fitted

Options
- 6ft x 2ft (1.8m x 0.6m) Trash screen for dewatering of lights/organic materials
- 12ft x 5ft (3.7m x 1.5m) two-deck screen available as full or part rinser with isolated spray bars
- 8ft x 4ft (2.4m x 1.2m) rinsing screen
- Integral sump tank and pump
- Can be supplied as a complete turnkey washing system or as a separate unit
- 50’ stockpiling conveyors

Applications
- Sand & Aggregates
- C&D Waste Recycling
**TECHNICAL DATA**

**PIPework**
- Pre-plumbed at factory
- Rubber lined pipework at wear points

**trash screen**
- 6ft x 2ft (1.8m x 0.6m) dewatering screen for dewatering lights and trash contaminants from log washer
- Rubber lined catch box and chutes for wear and noise reduction

**log washer**
- Twin shaft log washer
- Maintenance/clean out hatch with galvanized collection chute

**sumptank**
- Integrated sump tank to collect discharged water & grit
- 100/100 pump
- Fully rubber lined pipework
- Pre-piped to return slurry to Sandstorm™

**AggSTORM 150 Technical Data**

**Maximum Power Requirement**

<table>
<thead>
<tr>
<th>Total kW</th>
<th>110</th>
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<tbody>
<tr>
<td>Total HP</td>
<td>147</td>
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<tr>
<td>NVA Approx Required</td>
<td>191</td>
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**Average Water Requirement**

<table>
<thead>
<tr>
<th>m³/h</th>
<th>100</th>
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<tr>
<td>US gpm</td>
<td>440</td>
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Plant Layout

AGGSTORM 150

Taking washing to the next level
A Commitment to Washing
CONTROL SYSTEM

All of our control systems can be modified to suit customer preference and interact with other equipment on site as required.

MACHINE CONTROL SYSTEM

MWS offer a range of control system options on the AggStorm™ Modular Wash Plant from basic motor isolators on the machine to fully automated controls. Graphical user interfaces are used for ease of operation. All key data such as water flow, pressure, motor current etc. is displayed in real-time to allow operators to keep a close eye on all aspects of the machine. Common functions include automatic start / stop, feeder speed control and conveyor radial drive.

RADIO CONTROL

All major control and automation functions are also available via Radio Control. Our robust transmitter handset is kept with the operator to ensure safe and easy control of the machine.

REMOTE DIAGNOSTICS

The highest level of control allows all key data to be transmitted wirelessly to a second graphical user interface located in the cab of the loader feeding the AggStorm™. This option gives complete control and information feedback to the machine operator from the comfort and safety of the operating cabin. All operational data as well as any fault codes and parameters are transmitted to the loader display module. This provides information and warnings to allow the operator to take the appropriate action in a controlled and timely manner.
McCloskey’s success is built on a reputation for designing and manufacturing top quality equipment which offers exceptional value. But this success is not due to McCloskey alone. Key partners in our business are the dealers who market, support and service the products we build.

Our drive to expand our operational footprint has been a hallmark of the business for many decades. We now trade and operate in more than 100 countries.

Wherever there's washing, we're there.
At MWS we are committed to:

Providing our customers with the highest performance and most reliable products. Our customers rely on us to deliver quality products that go above and beyond expected performance.

Delivering Innovation. We are constantly striving to improve the Mining & Minerals and Waste & Recycling industry by integrating new technologies. These allow our customers to add maximum value, to produce high quality end products and to strengthen their market share.

Maintaining the highest standards for safety and quality is reflected in our innovative methods and our state of the art technology. Most of all, that commitment is reflected in the dedication and expertise of the people who work for us.

AFTER SALES SERVICE

Following delivery of our highly productive products, our customers benefit from a comprehensive After Sales Service which ensures that our quality service and attention to detail goes beyond machine dispatch. This important service is staffed and resourced to provide fast response times and excellent service.