

McCloskey

EQUIPMENT



MOBILE WASHING SOLUTIONS

MWS
EQUIPMENT

**Smarter
Washing
Solutions**

ABOUT MWS EQUIPMENT

MWS Equipment is a world leader of Modular, Mobile and Static Washing systems, with an unrivalled reputation for quality, reliability and agility.

Formed in 2016, the company began as McCloskey Washing Systems, with the SandStorm™, AggStorm and CSP product ranges as the cornerstones of the MWS Product Line.

MWS Equipment has a rich history of innovation, which has seen MWS lead the industry with many new products in every application. MWS supports customers with detailed knowledge of their industry and application; Products, Service and After-sales are all tailored to your specific needs.

This collaborative approach means that MWS focus on providing more than just a product; MWS offers a complete product lifecycle solution that adds genuine value, with the support of an specialised Wet Processing engineering team who have delivered 100's of complex projects around the world.

Great emphasis is placed on maintaining international quality standards and MWS products meet the highest possible standards. Every solution is subjected to a wide range of tests as specified by statutory regulations and customer requirements. These approvals enable you to make informed choices as to the suitability of a product for each application.

The key to delivering Smarter Washing Equipment is to listen, react and continue to improve relationships with customers. Following the delivery of our highly productive products, customers benefit from a comprehensive after sales service which ensures we support our customers throughout the product lifecycle.

ABOUT McCLOSKEY EQUIPMENT

McCloskey has worldwide reputation for high performance products that have introduced many of today's key mobile screening and crushing innovations.

McCloskey Equipment is one of the largest suppliers of mobile Crushing, Screening and Washing equipment in the UK. Under the leadership of Noel McCloskey, McCloskey Equipment provide a complete range of Crushers, Shredders, Screeners, Trommels, Stackers and Washing Systems.

A wide range of industries are supported by McCloskey Equipment, including aggregates, landscaping, infrastructure and road building, construction and demolition, mining, waste management and recycling.

McCloskey Equipment operates from purpose-built facilities in Didcot, Oxfordshire, offering parts distribution, servicing and machinery overhaul within fully equipped workshops. A fleet of experienced mobile service engineers are also based from the facility.

Over the last several years, McCloskey Equipment has gone from strength to strength, thanks to the proven performance of McCloskey machinery that is field tested worldwide, and the wealth of knowledge of McCloskey Equipment's professional and experienced personnel. Collectively, McCloskey Equipment offers over 100 years of experience of machinery and processing in every application, including the quarry and recycling industries.

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S130 MOBILE RINSER



MOBILE RANGE

The S130 and S190 Mobile Rinser range is an extremely adaptable, high capacity Mobile Washing Unit.

Available as a tracked or wheeled machine, the rinser range comes complete with up to three side conveyors and split catch box for up to four grades of aggregates and two grades of sand.

The Rinser's fast set up and relocation abilities, make it ideal for contractors and hire fleets.

As two machines in one, it can be easily converted to dry screen mode.

S130 RINSER SPECIFICATION

KEY FEATURES

Length	16.52m (54' 2")
Width	3.24m (10' 8")
Height	3.45m (11' 4")

- Fast set up time
- Low cost set-up – no crane hire required
- Easily converted to dry screen mode
- Ideal for hire fleets and contractors
- Wet and dry screening capabilities
- 8 independently controlled spray bars on each deck delivering 2 bar/29 psi of water pressure at each nozzle
- Extra coupling facility to run additional equipment such as MWS Sand Screws and Stackers.
- Hydraulic catch box - Allows user to easily lift and lower the catch box
- Large screen deck - 14' x 5' Top & middle deck, 12' x 5' bottom deck

OPTIONS

- Polyurethane screen media
- Single or twin sand production
- Radio remote control
- Crusher chute (available with 15ft hopper only)
- Dual power

AVERAGE WATER REQUIREMENTS

2 DECK	2 Bar / 30 psi with 200 cubic meters per hour	200m ³ /h	3329 lpm	880 US gpm
3 DECK	2 Bar / 30 psi with 258 cubic meters per hour	260m ³ /h	4309 lpm	1138 US gpm

S190 MOBILE RINSER



S190 RINSER SPECIFICATION

KEY FEATURES

Length	18.2m (59' 8")
Width	3.24m (10' 8")
Height	3.45m (11' 4")

- Fast set up time
- Low cost set-up – no crane hire required
- Easily converted to dry screen mode
- Ideal for hire fleets and contractors
- Wet and dry screening capabilities
- 8 independently controlled spray bars on each deck delivering 2 bar/29 psi of water pressure at each nozzle
- Dual power option
- Extra coupling facility to run additional equipment such as MWS Sand Screws and Stackers.
- Hydraulic catch box - Allows user to easily lift and lower the catch box
- Large screen deck - 20' x 5' Top & middle deck, 18' x 5' bottom deck

OPTIONS

- Polyurethane screen media
- Single or twin sand production
- Radio remote control
- Dual power
- Catchbox division plate: 1/3 - 2/3 or 2/3 - 1/3 or 1/2 - 1/2
- Crusher chute (available with 15ft hopper only)

AVERAGE WATER REQUIREMENTS

2 DECK	2 Bar / 30 psi with 245 cubic meters per hour	245m ³ /h	4083 lpm	1078 US gpm
3 DECK	2 Bar / 30 psi with 365 cubic meters per hour	365m ³ /h	6083 lpm	1607 US gpm

MOBILE RANGE

The MWS S190 Mobile Rinser is an extremely adaptable, high capacity mobile washing unit.

The S190 Mobile Rinser features a large capacity 15' hopper, remote control tipping grid, feed conveyor, and a 20 x 5' heavy duty, high energy rinser screen box.

Available as a tracked or wheeled unit, the S190 triple deck comes complete with three side conveyors and split catchbox for up to three grades of aggregate and two grades of sand.

COMPACT SAND PLANT



COMPACT SAND PLANT MODULAR RANGE - CSP 6, CSP 12, CSP 20 & CSP 30

The Compact Sand Plant (CSP) range enables superior separation efficiency from the final washed sand product, producing in-spec sands to your desired grade.

The Compact Sand Plant range consists of the 60TPH CSP 6, 120TPH CSP 12, 200TPH CSP 20, and the 300TPH CSP 30. These modular sand recovery units are designed to be both cost and energy efficient. The cyclone(s) remove clays, silts and slime from sand and bring it into specification.

As with all MWS products, these plants have been designed with absolute focus on the machine operator. In addition to the highest level of quality and performance, there are several significant benefits, including simple, fast assembly times, ease of operation, low maintenance and an overall reduced footprint.

The Compact Sand Plant range is packed with features to offer truly exceptional performance:

- Hydrocyclones produce highly accurate separation of silts and clays from the final washed sand product
- Pump to hydrocyclone delivery system fully rubber lined ensuring maximum wear resistance
- Adjustable, wear lined discharge chute
- A range of screen sizes available from 2.4 x 1.2m (8 x 4ft) to 4.87 x 2.1m (16 x 7ft)
- Galvanised 30 inch wide walkways
- Raised modular chassis for ease of cleaning

Product Applications

- Aggregates
- Mining
- Industrial Sands
- Recycling
- Iron Ore



COMPACT SAND PLANT RANGE SPECIFICATIONS

KEY FEATURES

	CSP 6	CSP 12	CSP 20	CSP 30
Length	5.5m (18' 1")	5.5m (18' 1")	5.5m (18' 1")	5.5m (18' 1")
Width	3.2m (10' 6")	3.2m (10' 6")	3.2m (10' 6")	3.2m (10' 6")
Height	5.0m (16' 5")	5.0m (16' 5")	5.0m (16' 5")	5.0m (16' 5")

- Superior separation efficiency
- Low running and maintenance costs
- Low energy required. Small footprint
- Rubber lined hydrocyclone as standard
- All wear areas rubber lined
- Underflow rubber lined slurry pump
- One or two sand products
- Fully galvanised walkways and access stairs
- Safety shutdown systems

OPTIONS

- Boiler box for dry feed
- Electrical control panel
- Spraybars
- Stackers
- Handrails painted
- Weather proof control panel
- Separator (Dewatering Cyclone)

AVERAGE WATER REQUIREMENTS	CSP 6		CSP 12		CSP 20		CSP 30	
	ONE SAND	TWO SANDS						
m ³ /h	150	150	300	300	500	500	625	750
Litres/min	2500	2500	5000	5000	8334	8334	10417	12500
US gpm	660	660	1321	1321	2202	2202	2752	3302

Above figures are guidelines for application purposes. Capacities are approximations.

Mobile Washing Solutions

Available from

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