



AGGRECLAIM



SAND & GRAVEL RECOVERY SYSTEM



 **MOLSON**
Washing

UK DISTRIBUTOR
01785 282 323

SAND & GRAVEL RECOVERY SYSTEM

Entry level

Molson Washing are proud to introduce the new mobile washing plant solution - The AggReclaim FS+.

The product of many years experience in a constantly changing industry, the AggReclaim FS+ is ideally suited for use across all of the core quarrying, recycling and remediation industries. The AggReclaim FS+ has been developed from the outset to be a versatile, compact and most importantly cost and energy efficient unit.

The AggReclaim FS+ is perfectly suited to a range of applications:

SAND & GRAVEL

To periodically supplement increased production at any existing site. Due to the low water requirement the existing ponds will be not need to be enlarged for temporary production.

INERT ARISINGS CLEANING

Lots of sites have the middle product off a three-way scalper in stock as a waste. This unit will remove a large percentage of floating debris. It will also reclaim a very clean aggregate + 4mm. Any sand present will be recovered by the onboard unique fines recovery system.

QUARRY WASTE

All limestone, grit stone & hard rock quarry's produce scalplings and dust as a by product of crushing & dry screening that is essentially waste. This system will with a very low water flow produce saleable products from this waste. Most rock quarries have limited water ponds available.

OVERSIZE OUTPUT CONVEYOR

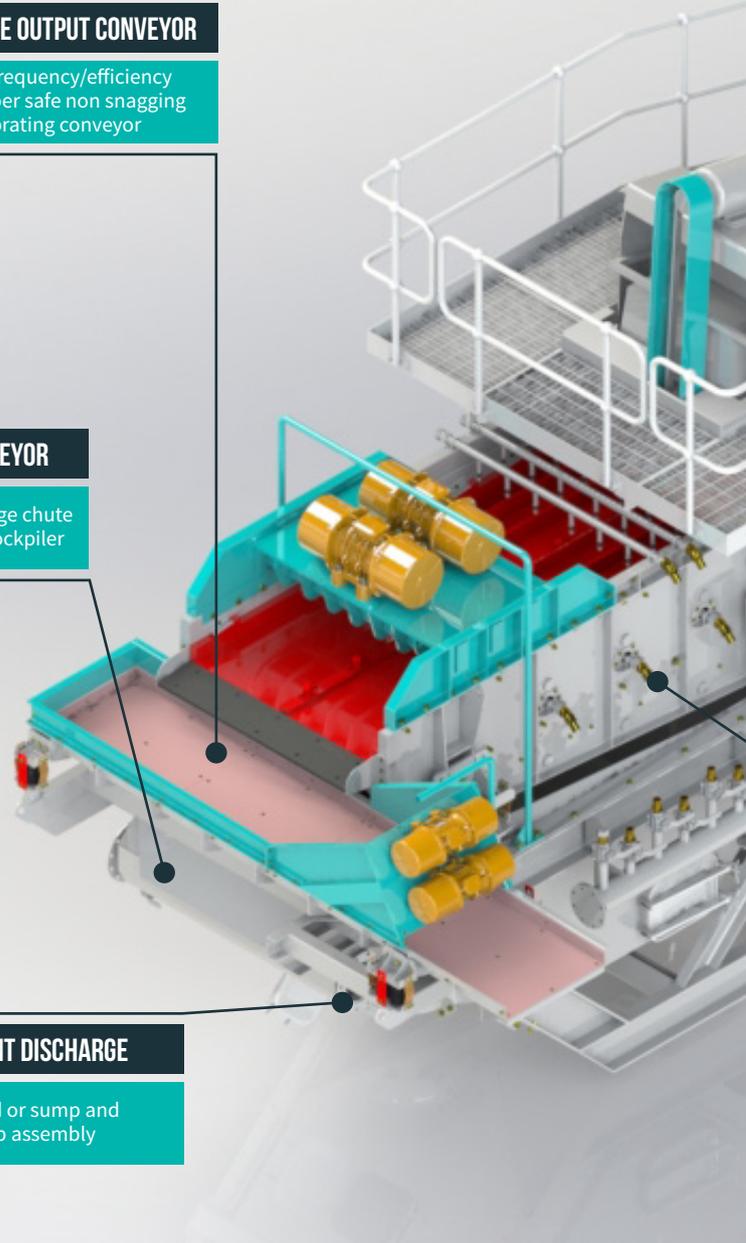
High frequency/efficiency and super safe non snagging vibrating conveyor

FINES OUTPUT CONVEYOR

Under size sand discharge chute for discharge onto a stockpile

EFFLUENT DISCHARGE

To pond or sump and pump assembly



PRIMARY PURPOSE



STONE



C&D



SAND



SINGLE SHAFT

A combined variable speed attrition and conveying shaft assembly

FLOTATION SEPARATOR

Combining both density separation & dewatering actions

CLARIFIED WATER INPUT

Single water input connection point

VIBRATING SCREEN DECK

Special patented high frequency action grading and dewatering screen



GRAVEL



INERT ARISINGS



QUARRY WASTE

ADVANTAGES

Vs Washing Systems



WATER USAGE

80% less than conventional washing systems.



PLANNING

Due to the unit being compact, easily relocatable, being & resembling a flotation bath it may reduce any planning concerns.



REDUCTION

Reduced infrastructure due to ponds being smaller.



QUICK INSTALL

One week to set up a complete system.



LOW OPERATION COST

Due to hard wearing consumables and Polyurethane panels on rinsing deck.

OPTIONAL EXTRAS



Feed hopper & conveyor



Product stockpiles



Over band magnet



Final grading screen



Effluent discharge sump & pump assembly



Diesel generator



Clean water supply pump



Ultra fines recover cyclones



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