

RC-50-20

Grit Recycling System



The RC-50-20 is a mobile abrasive recycling machine which can be used inside or outside. Several types of reusable abrasive can be recycled by the RC-50-20, the rate of recycling depends upon the type of abrasive being processed. Garnet can be recycled at a rate of up to 5 tons per hour, Steel Abrasive can be recycled at a rate of up to 12 tons per hour*.

Used abrasive is manually feed into the intake hopper from where it is collected by the bucket elevator and transported up the funnel. At the top of the funnel the abrasive is poured onto the spreading plate which ensures an even, shallow and wide flow down into the cascade cleaner. Inside the cascade cleaner the larger particles are separated into a dust bag, and the smaller particles are extracted by a separate cartridge filter which features solenoid controlled automatic pulse cleaning. Depending upon which abrasive is being recycled the unit can be adjusted to ensure that the abrasive flow and particle separation are fine tuned to be as effective as possible. The cleaned abrasive is deposited into a hopper ready for reuse.

The unit is manufactured in Europe from 3mm and 5mm steel to the highest quality standards. The motors and gearboxes are sealed and lubricated for life. The unit requires an electrical connection of 400 volts – 50 Hz as well as compressed air.

*actual performance depends upon many variable factors – the performance figures shown are to be used as a guide and cannot be considered actual in all environments.

