Centrifugal sludge-water separator with physical removal of glass fines from process water waste. Suitable for direct connection to Edgers, Bevellers and CNC machines.

- DOES NOT USE CHEMICAL AGENTS
- AVOID PERIODIC CLEANING OF THE MACHINE WATER TANKS.
- AVOID CLOGGING OF WATER PIPES, TUBES AND BRUSHES
- INCREASE THE LIFE OF THE MACHINES AND REDUCE THE NEED FOR MAINTENANCE DUE TO GLASS FINES
- INCREASE THE LIFE OF DIAMOND AND POLISHING WHEELS
- OBTAIN BETTER POLISHING

**Machine operation:**
Process water is pumped to the rotating drum inside the separator by a dedicated submersible pump. The glass fines suspended in the fluid are “pushed” against the drum walls by the effect of the centrifugal force, letting the purified water flow. After some time, depending on the volumes processed, the operator stops the separator to take out the glass sludge inside the drum. Once opened the separator, protected by a sensor opening system (that allows opening only after that the drum has finished turning), the operator removes the drum full of sludge and replace it with a clean drum, re-starting the separator again.
Technical characteristics:
Dimensions: 500 x 970 x H = 900 mm.
Weight: 150 Kg.
Power: 2 Kw.
Max Flow rate: 100 lt/min
Rotor volume: 16 lt
Sludge MAX capacity: 8 Kg
Removed Glass Sludge per hour: 6 Kg/hour (equivalent to 5 hours of edging 6 mm.
glass with one mm. glass removal)
Particle MAX acceleration: 1250 g
Particle min size: 5 micron

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