DC Industrial



D'MAX WATER RECYCLING SYSTEM.

80 GALLONS

THE MOST VERSATILE COMPACT SYSTEM IN ITS CATEGORY, DESIGNED TO OPTIMIZE WATER CONSUMPTION AND REDUCE OPERATING COSTS IN GRANITE, MARBLE, PORCELAIN, AND STONE INDUSTRY WORKSHOPS.

Manufactured from high-strength steel, the Mini Compact is a robust and reliable water recycling system, ideal as a secondary option within our line of solutions.

It is designed for cutting and polishing workshops and high-consumption industrial applications.

It integrates clarification and dewatering processes into a single unit.

It offers a supply capacity of up to 80 gallons per minute, ensuring production continuity.

It produces clean water ready for reuse and dehydrated sludge that is easy to dispose of.

Its compact design optimizes plant floor space.

Operation is safe and easy to manage.

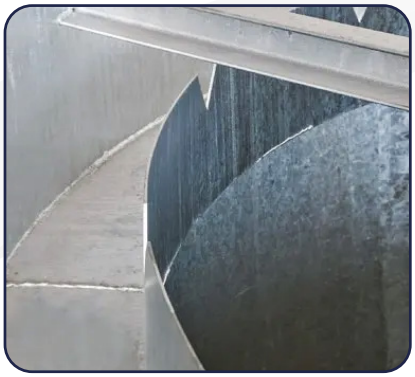
It contributes to environmental regulatory compliance, reduces operating costs, and ensures continuous production.

GENERAL FEATURES



- **Minimal footprint:** Compact design requires only 6 m², ideal for workshops with limited space.
- **Optimized volume usage:** Square shape allows more water storage and treatment in less space.
- **Two processes in one:** Clarifies water and dehydrates sludge in a single system.
- **Automated operation:** Clarification and discharge cycles operate on programmed schedules.
- **Easy to use:** Reduces manual intervention and simplifies operator tasks.
- **Intuitive touchscreen:** Equipped with **DPURE 2.1** software to control, program, and monitor the entire process.
- **Safe operation:** Automatically manages water treatment with minimal supervision.
- **Self-cleaning:** Performs automatic wash cycles on components in contact with sludge, keeping the machine in optimal condition.
- **Scalable:** Multiple units can be installed in series to increase treatment capacity.
- **Easy-to-handle sludge:** At the end of the process, waste is compacted and ready for disposal.
- **IP55 protection:** Resistant to dust and water.

GENERAL FEATURES



Overflow channel:
Detail on the upper edge of the clarifier that ensures a continuous and stable water flow. water flow.



User interface:
User-friendly, intuitive display with easy interaction for the operator.



Submersible pump:
Draws water from the cutting and polishing process and delivers it to the storage tank.



Automatic flocculant dosing station:
Continuous agitation system that ensures controlled and effective dosing.



Sludge homogenization station:
Continuous agitation system that keeps the sludge in constant motion.

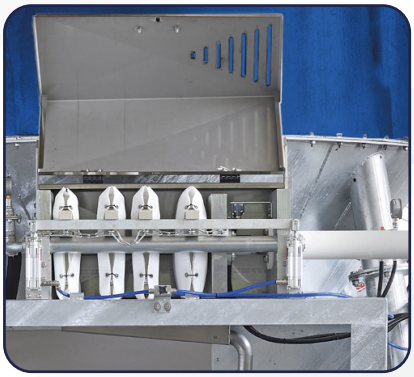


Automatic sludge discharge:
System equipped with a pneumatic valve and a manual safety valve for greater reliability.

GENERAL FEATURES



Sludge suction pump:
Extracts the solids settled after decantation and transfers them to the compaction system.



Filter press:
Compacts the sludge and produces solid plates ready for final disposal by the customer.



Filtration process result:
Solid plates ready for final disposal by the customer.

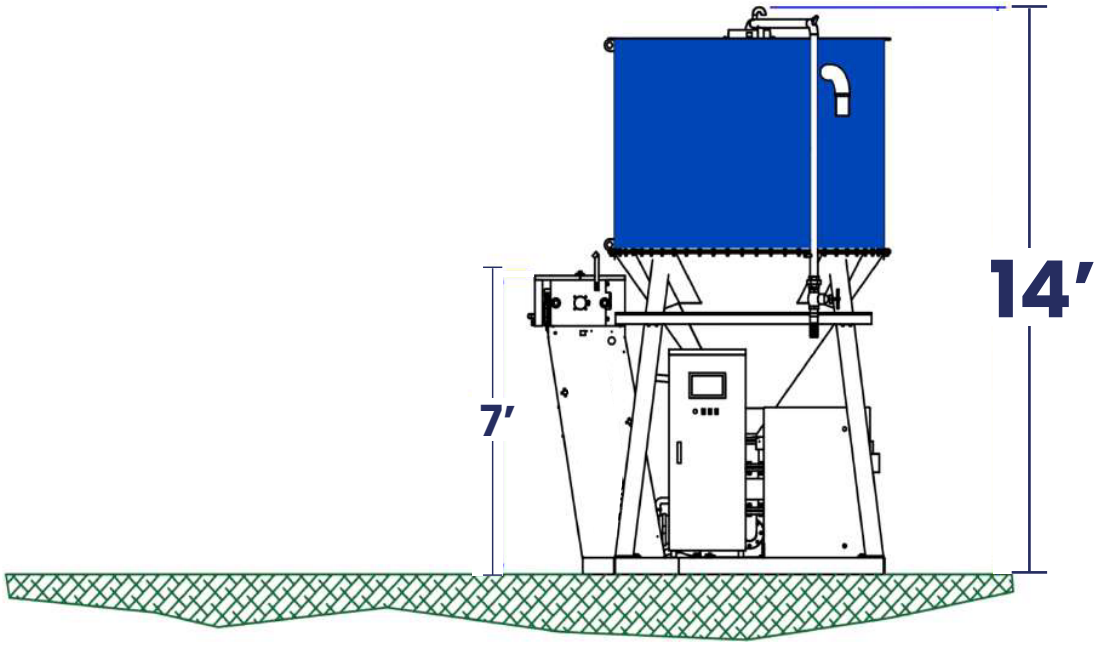


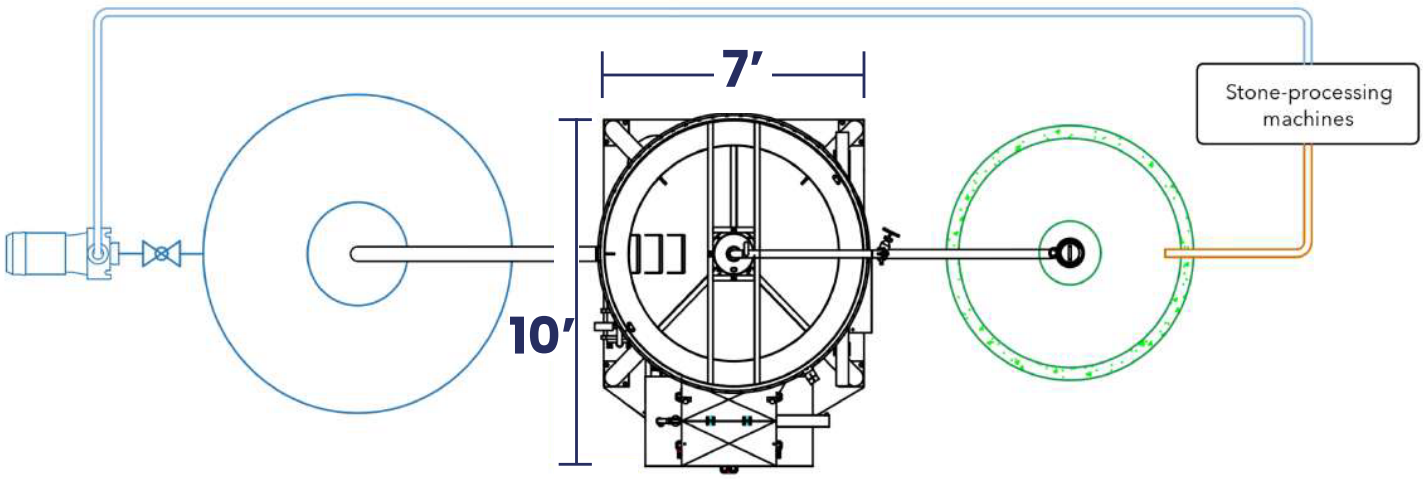
End of the process:
Completely clean water, ready to be reused after treatment.

TECHNICAL SPECIFICATIONS

SPECIFICATION	DETAIL
Electrical supply	220V / 30A (Three-phase)
Overall dimensions	10' x 7' x 14' (LxAxA)
Weight	4,200 lbs
Storage capacity	1000 gl
Type of treated water	Industrial
Main material	Granite and Porcelain
Clarified water production	80 gpm
Pressed sludge production	0,1 m3/h
Filter press plates	4
Plate dimensions	12” x 12”

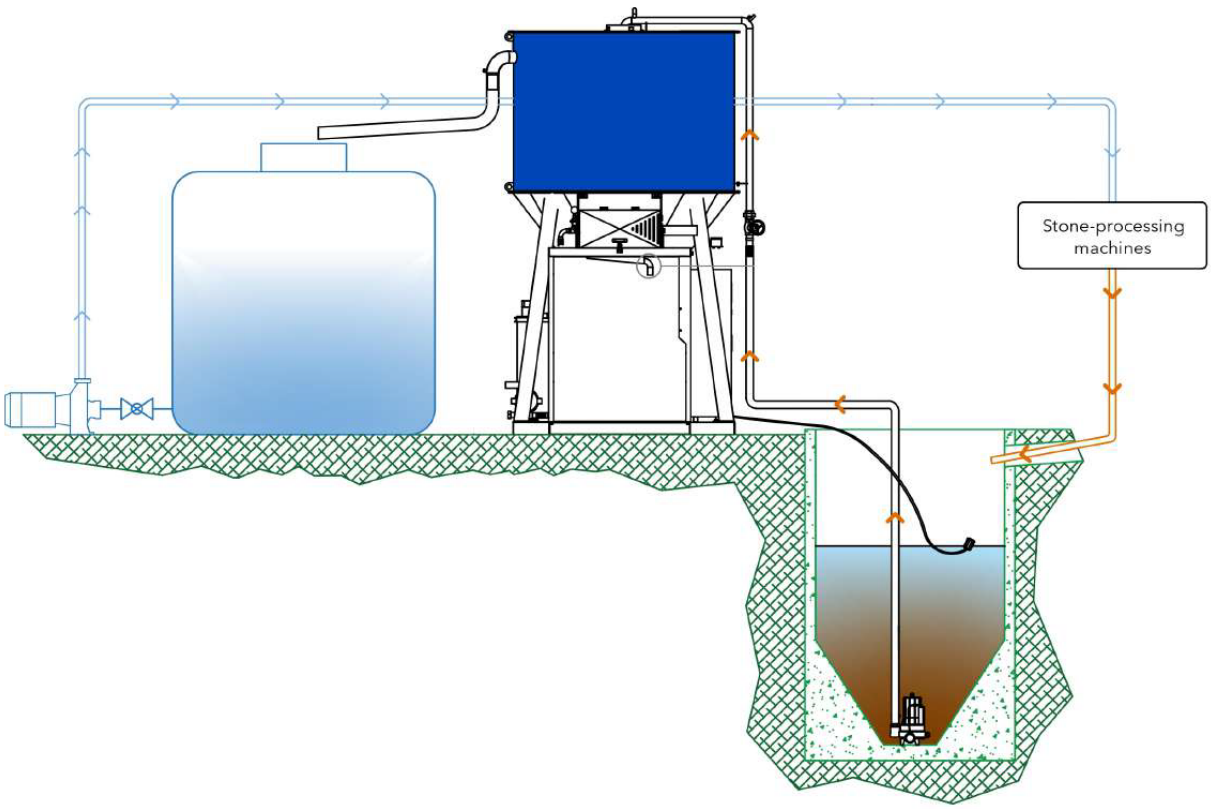
LAYOUT
D'MAX WATER RECYCLING SYSTEM.
80 GALLONS





Contact Us — We Speak Your Language. We're Here to Help You Grow.
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