



D'COMPACT WATER RECYCLING SYSTEM. 26 GALLONS

THE MOST ROBUST AND RELIABLE SYSTEM IN ITS CATEGORY, DESIGNED TO OPTIMIZE WATER CONSUMPTION AND REDUCE OPERATING COSTS IN GRANITE SHOPS AND THE STONE INDUSTRY

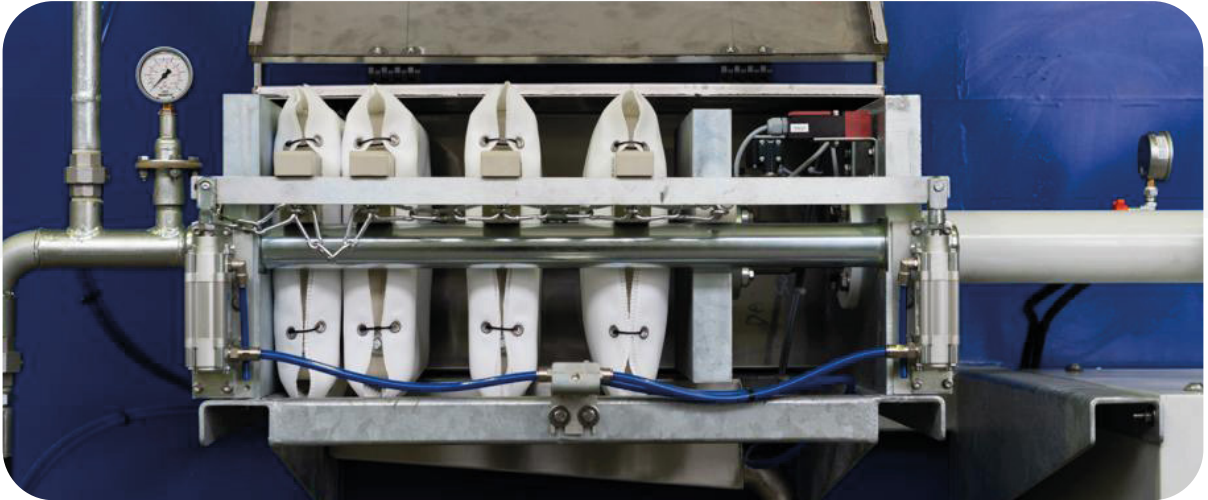
Fabricated from high-strength steel, the **D'COMPACT** is a robust and reliable water-recycling system.

Designed for cutting shops, polishing facilities, and high-consumption industrial applications. It integrates clarification and compaction processes into a single unit.

Delivers a supply capacity of up to **28 gallons** per minute, ensuring uninterrupted production. Produces clean water ready for reuse and compacted sludge that is easy to dispose of. Its compact design optimizes space in the work area. The operation is safe and easy to manage.

It supports environmental compliance, reduces operating costs, and ensures continuous productivity.

GENERAL FEATURES



- **Takes up minimal space:** Its compact design requires only 4 m², perfect for workshops with limited areas.
- **Better volume utilization:** Its square shape allows storing and treating more water in less space.
- **Two processes in one:** Clarifies water and dehydrates sludge in a single system.
- **Automated operation:** Clarification and discharge cycles run on a programmed schedule.
- **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 washes on parts that come into 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, residues are compacted and ready for disposal.
- **Cleaner environment:** Prevents accumulation of liquid sludge and improves safety in the work area.
- **IP55 protection:** Resistant to dust and water.

GENERAL FEATURES



Dirty water inlet pipe.



Overflow channel detail located on the upper edge of the clarifier.



Screen interface:
User-friendly, intuitive touchscreen that provides easy interaction for the operator.



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



Automatic flocculant dosing station:
Adds flocculant in a controlled manner to enhance settling and sedimentation of solids.



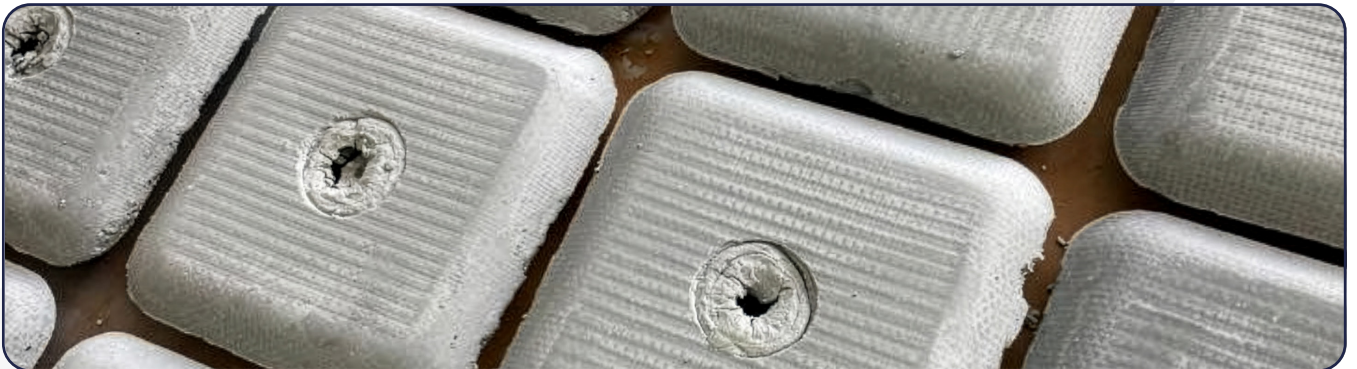
Sludge suction pump:
Extracts the settled solids after decantation and sends them to the compaction system.

GENERAL FEATURES



Filter press:

Compacts the sludge and produces solid cakes ready for final disposal by the customer.



Filtering process result:

Solid cakes ready for final disposal by the customer.



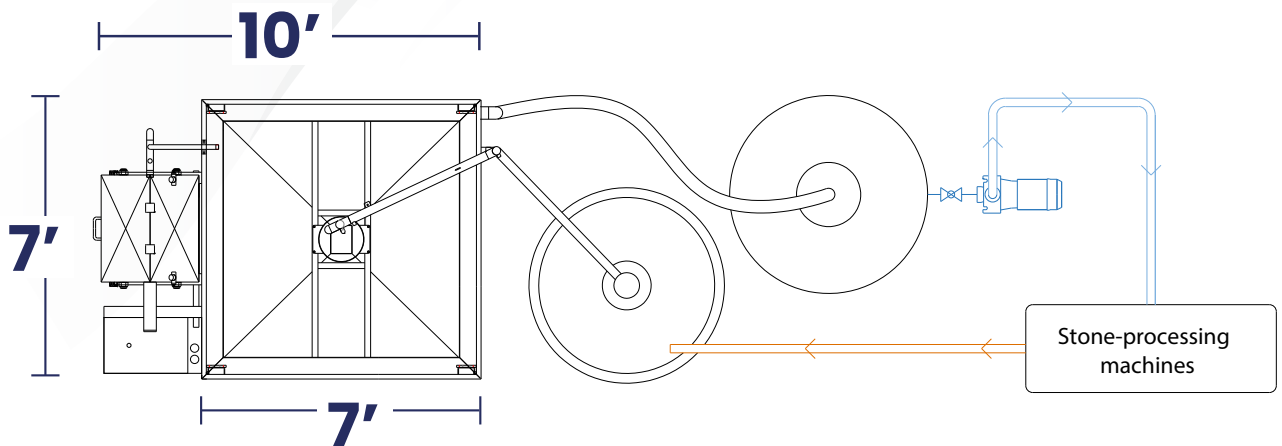
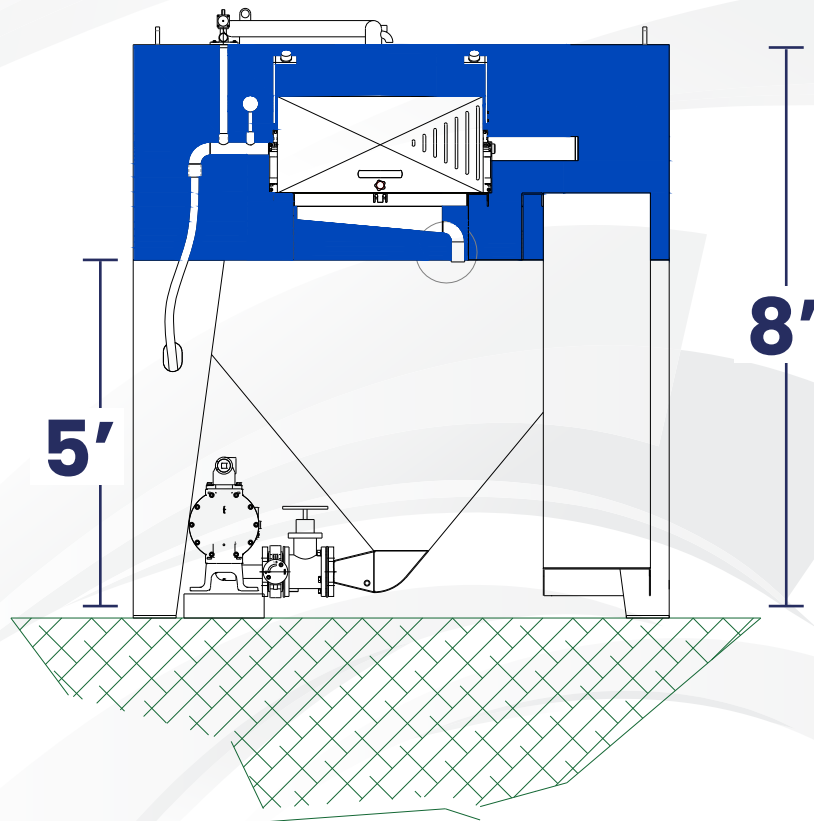
End of process:

Completely clean water, ready to be reused after treatment.

TECHNICAL SPECIFICATIONS

SPECIFICATION	DETAIL
Electrical supply	220V / 20A (Three-phase)
Dimensions	10' x 7' x 8' (LxAxA)
Water pump	0,34 Hp
Weight	2,400 lbs
Storage capacity	1270 gl
Type of water treated	Industrial
Primary materials processed	Granite and Porcelain
Clarified water output	28 gpm
Pressed sludge production	0,1 m3/h
Filter press plates	4
Plate dimensions	12" x 12"

LAYOUT D'COMPACT WATER RECYCLING SYSTEM. 26 GALLONS



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

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