AUTOMATIC DECOFLOC STATION

For the physical-chemical treatment of industrial wastewater ensuring compliance with legal environmental standards.

INDUSTRIAL WATER TREATMENT

OPERATING PRINCIPLE

The automatic DECOFLOC station can effectively treat 2 to 20 m^3/day of water contaminated with metals and particles using our range of water treatment chemicals.

DECOFLOC treatment clarifies wastewater and reduces the concentration of metals such as copper, zinc, nickel, and lead to below regulatory levels. The treated water can then be discharged into public sewers without posing a risk to municipal wastewater treatment plants.

APPLICATIONS

- Vibratory polishing water.
- Floor cleaning water.
- Electrolytic polishing water.
- Tribofinishing water.
- Acid stripping water.
- Compressor purge water.

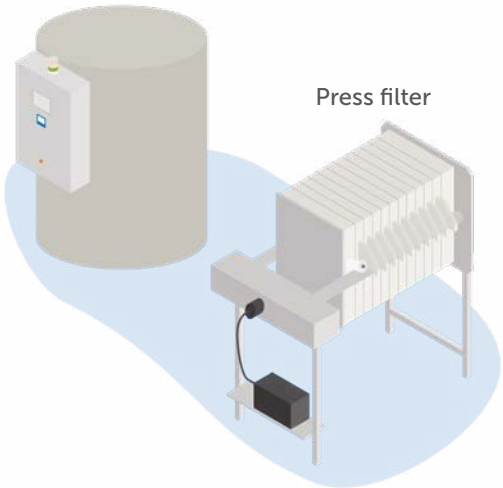
EQUIPMENT

- Raw water storage tank.
- Reactor with variable speed mixer.
- Product cabinet with dosing pumps.
- pH probes, level probes, pumps, and solenoid valves.
- Automatic control system for pH, levels, pumps, and valves.
- Sludge separation system.
- Pumping station.

OPERATION

- Raw water storage.
- Treatment with DECOFLOC products.
- Flocculation of unwanted compounds.
- Sludge filtration.
- Collection and discharge of treated water.
- Fully automated and remotely controllable process.

SYNOPTIC



BENEFITS

- Compliance with industrial wastewater discharge regulations.
- Customized, turnkey solutions.
- Automated, remote-controlled system.
- Guaranteed treatment efficiency through DECOFLOC chemistry.
- Recovery of sludge containing precious metals.
- Support provided by NGL engineers and technicians.

TWO STANDARD MODELS

- DECOFLOC A1000 (2 - 10 m^3/day).
- DECOFLOC A2000 (10 - 20 m^3/day).

SLUDGE FILTRATION METHODS

- Filter press.
- Filter bag (DECOFLOC bag or BigBag).
- Belt filter (hydrostatic).

MAINTENANCE

- Weekly calibration of probes.
- pH probe replacement twice a year.
- Sludge removal and filter press cleaning.
- Replacement of DECOFLOC product containers.
- Annual preventive maintenance carried out by NGL technicians.

18/09/25

If you have any questions, please contact our NGL Water Technology department on: +41 22 365 46 66

NGL CLEANING TECHNOLOGY SA - ECOLOGICAL CLEANING SOLUTIONS
Chemin de la Vuarpillière 7 // CH-1260 NYON // SWITZERLAND
+41 22 365 46 66 // contact@ngl-group.com // www.ngl-group.com

SWISS QUALITY