

The QUICK'UP discontinuous flotation technique is made up of two stages: injection of the flocculation agents and dissolution of the flotation gas. With QUICK'UP, these two stages can be implemented simultaneously or sequentially, depending on the user's needs and the properties of the must.

Description

The gas is dissolved using a pump and a pressurised stainless-steel cylinder. The cylinder plays a vital role in forming an emulsion that can ensure that the flocs aggregate to the microbubbles of gas and the solid particles to be separated.

The system works with either air or nitrogen. It comes equipped with a valve regulating the input gas pressure.

QUICK'UP also boasts an electric control panel and all the necessary accessories for full process management.

Features:

- DN50 fitting (can be adapted for Macon 50 or 70, please specify when ordering)
- Gas injection inlet with non-return valve and high-low pressure ball valve
- Flotation agent injection inlet with high-low pressure ball valve
- Main pressurisation unit
- Pressurisation gauge
- Output ball valve to regulate pressure
- Sampling tap
- Flow meter to monitor and regulate gas flow
- Nitrogen input regulation
- Flotation agent dosing pump (capacity 20V/h)

Pressurisation unit

SHE 40-200/75 centrifugal pump in 316-grade stainless steel, built to EN733 standards:

- single-stage pump made from deep-drawn stainless steel
- PN16 flange manufactured in conformity with the UNI-EN 1092-2 and DIN 2533 standards
- closed impeller in SAE 316L stainless steel, fully welded using laser technology
- mechanical seal in compliance with EN 12756
- direct coupling to the three-phase asynchronous motor
- mounted on the main pressurisation-unit frame
- nominal capacity 280h/h at 5.5 bar

Second dosing pump-optional



Specifications

Flotation unit

Breadth: 500mm

Length: 1250mm

Height: 1050mm

Power

Voltage: 380V/3P/50Hz

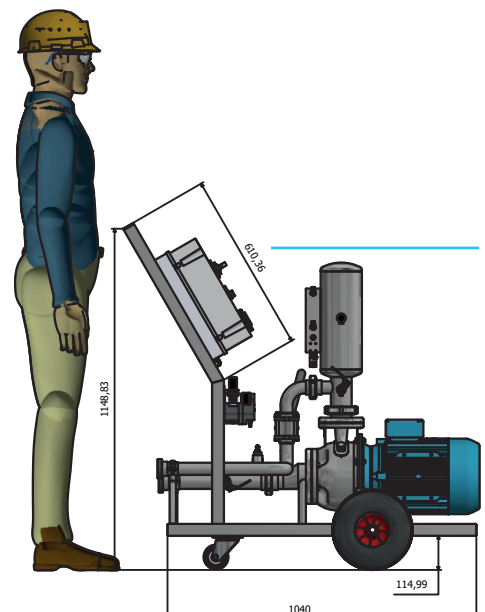
Output: 8kW

Services

Power supply: 380V3P+T, 50Hz, stabilised; 32A

Compressed air or nitrogen: 40NL/min at 2bar

Input/output fittings: please specify at the time of ordering.

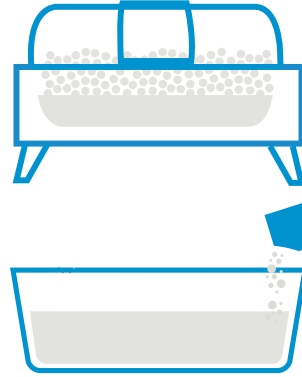




IOC
Révérons votre différence

QUICK'UP 300

Discontinuous flotation system



ZIMOPEC FLOTTOFLASH
or
ZIMOPEC 2 FLOTTOFLASH

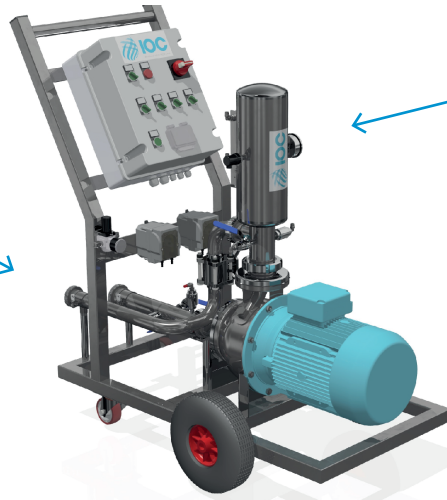


Minimum time 1hr. depending on the temperature

IOC flotation range

Qi UP XC MES
-
INOFINE V MES
-
Qi FINE MES
-
EASY'UP
-
BENT'UP

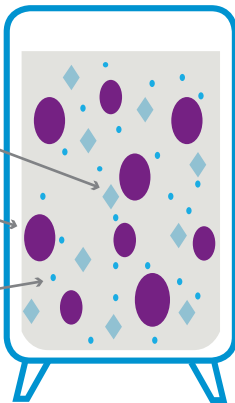
Gas injection
(usually N₂)



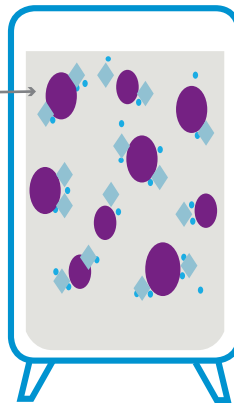
Fining agent

Solid particles

Micro-bubbles



Floc



2 - 4 h
depending
on tank size

Lees cap

