

ULTRAFILTRATION UNIT
FOR REGENERATION
OF DEGREASING -
PHOSPHODEGREASER BATHS
MINERVA E MC

WITH AN ATTENTIVE
EYE TO NATURE



ULTRAFILTRATION UNIT FOR CLEANER BATHS REGENERATION MC 400 e MINERVA SERIES

APPLICATIONS:

Regeneration of degreasing baths used for:

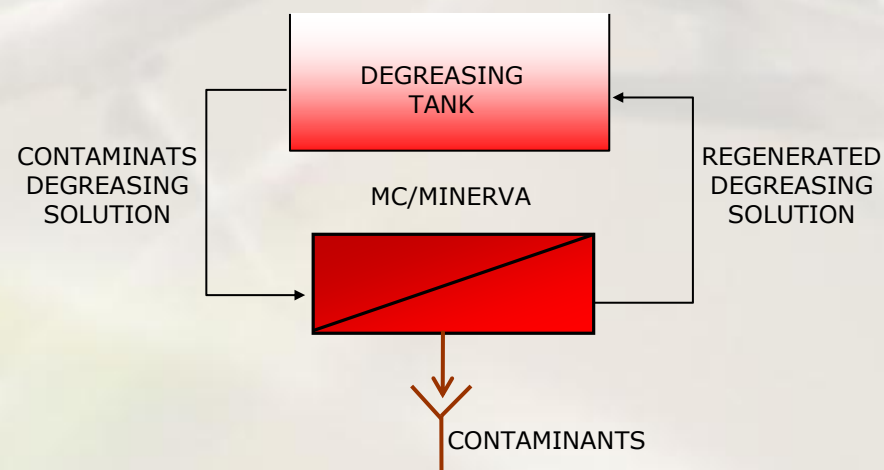
- Cleaning from whole and emulsifiable oils
- Removal of drawing and stamping soaps
- Removal of polishing and lapping pastes
- Phosphodegreasing for prepainting

ADVANTAGES

Economic: Save of product
Save of water
Save in manpower
Save on disposal

Qualitative: Constant bath efficiency

WORKING CYCLES



MODELS CAPACITY

Model	Delivery with degreasers (l/h)	Delivery with phosphocleaners (l/h)	Dimensions	Absorbed power (kW/h)	Surface of the membrane (m ²)
MC 420	125	100	3000 X 1400 X 2600	6	1,05
MC 440	250	200	3000 X 1400 X 2600	6	2,10
MC 480	500	400	3000 X 1400 X 2600	8	4,20
MC 4160	1.000	800	3000 X 1800 X 2600	13	8,40
MC 4200	1.250	1.000	3000 X 1800 X 2600	15	9,80
MC 4400	2.500	2.000	3200 X 1900 X 2600	18	19,60
Minerva C35	50	35	1800 X 1400 X 2500	1,50	0,35
Minerva C70	100	70	1800 X 1400 X 2500	1,50	0,70
Minerva C100	125	100	2200 X 1400 X 2500	5,20	1,05
Minerva C200	250	200	2200 X 1400 X 2500	5,20	2,10
Minerva C400	600	400	3000 X 1800 X 2500	8,80	4,20

OPTIONS

DOUBLE PUMPS (only for MC 400)

One works and the other is in stand by, assuring the continuous working of the plant when maintenance takes place.



PLC SIEMENS

In case this is preferable to the PLC Telemecanique installed as standard on the machine.

PIPING INSULATION

While tanks are supplied with insulation, the piping insulation is carried out on specific requirement.

MAGNETIC FILTER (only for MC 400)

It is provided when the solution is rich in iron oxides (i.g. degreasing of cold rolling coils).

AUTOMATIC SLUDGE DRAIN

It avoids the necessity to periodically replace the concentration tank. The drain can be done by simply opening a pneumatic valve or, in case of difficulty, by means of a monoscrew pump.



OIL RECOVERY AND DELIVERY

Stainless steel tank complete of vibration levels and pump for collecting and delivery of the oil separated by the oil removing unit.

CIRCUIT OF SEALS FLUXING

When required by the solution to be treated, a fluxing circuit of the seal is provided. This includes a stainless steel tank, pump and recirculation circuit, control manostat.

DIFFERENT DIMENSIONS

Upon specific request, units with different dimensions can be studied when standard dimensions are not compatible with the available spaces.

