

ULTRAFILTRATION UNIT  
FOR REGENERATION  
OF DEGREASING -  
PHOSPHODEGREASING BATHS  
**MINERVA E MC**

WITH AN ATTENTIVE  
EYE TO NATURE





## ULTRAFILTRATION UNIT FOR REGENERATION OF DEGREASING - PHOSPHODEGREASING BATHS MINERVA E MC SERIES

### APPLICATION

REGENERATION IN CONTINUOUS OF DEGREASING AND PHOSPHODEGREASING BATHS USED TO CLEAN SURFACES CONTAMINATED BY OIL, GREASE, SOAP, POLISHING AND LAPPING PASTES, ETC.

### ADVANTAGES

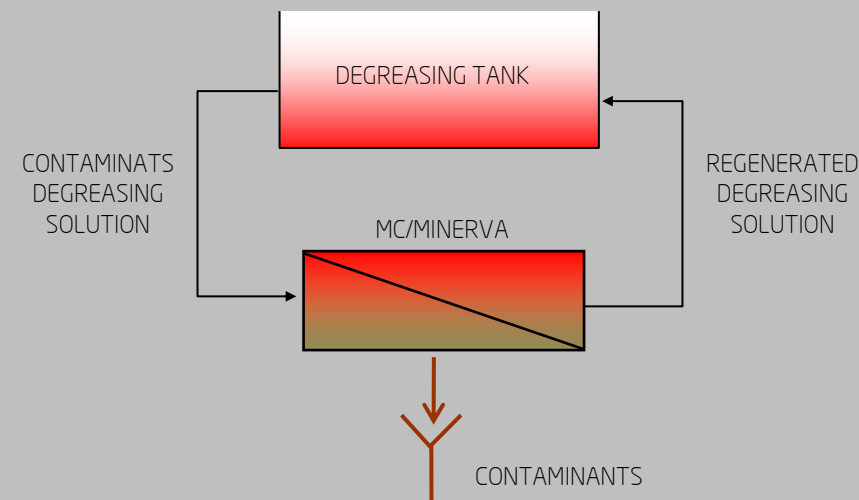
#### ECONOMIC:

- SAVE OF PRODUCT
- SAVE OF WATER
- SAVE IN MANPOWER
- SAVE ON DISPOSAL

#### QUALITATIVE

- STEADY WORKING SOLUTION

### WORKING PRICIPLES



### MODELS CAPACITY

MODEL	DELIVERY WITH DEGREASERS (L/H)	DELIVERY WITH PHOSPHOCLEANERS (L/H)	DIMENSIONS	ABSORBED	DELIVERY WITH DEGREASERS (L/H)
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
Minerva C 1000	1350	1000	3200 X 1800 X 2500	10,80	9,80

### OPTIONAL

#### DOUBLE PUMPS

ONE WORKS AND THE OTHER IS IN STAND BY, ASSURING THE CONTINUOUS WORKING OF THE PLANT WHEN MAINTENANCE TAKES PLACE.



#### CIRCUIT SEALS FLUSHING

WHEN REQUIRED BY THE SOLUTION TO BE TREATED, A FLUXING CIRCUIT OF THE SEALS IS PROVIDED..



#### SLUDGE/OIL SEPARATOR BLADE MUD

IN THE CASE OF PROCESSES THAT PRODUCE A HIGH SLUDGE QUANTITY AND SUSPENDED PARTICULATES THAT CARRIES A LOT OF OIL, WE RECOMMEND INSTALLATION OF A OIL/SLUDGE SEPARATOR THAT RECYCLES CONTINUOUSLY THE DEGREASING BATH



#### TWIN OPTION

TWIN OPTION APPLIES TO CUSTOMERS WITH SPECIAL NEEDS AND IN PARTICULAR ALLOWS TO REGENERATE MULTIPLE WORK TANKS EMPLOYING THE SAME DEGREASING AGENT.

#### COLLECTION AND RECOVERY OF OIL

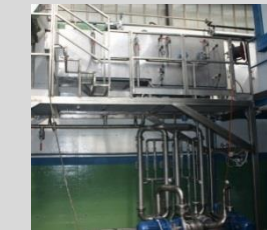
IT ALLOWS TO RECOVER THE OIL IN PROPER STORAGE SITES

#### BACKPULSE

MEMBRANE BACKWASH FOR MECHANICAL CLEANING

#### DIFFERENT DIMENSIONS

UPON SPECIFIC REQUEST, UNITS WITH DIFFERENT DIMENSIONS CAN BE STUDIED WHEN STANDARD DIMENSIONS ARE NOT COMPATIBLE WITH THE AVAILABLE SPACES



#### INSULATED TANKS AND/OR PIPING

OFTEN REQUIRED BY LAW



#### CONDORDEMI DEMINERALIZING UNIT

IT IS A GOOD RULE TO FEED THE CIRCUIT WITH DEMINERALIZED WATER TO PREVENT THE ENTRY OF FOREIGN SALTS, ESPECIALLY CALCIUM AND MAGNESIUM, WHICH MAY INTERACT NEGATIVELY WITH THE DEGREASING SOLUTION AND TREATED PIECES. THE DEMINERALIZATION IS CARRIED OUT WITH A REVERSE OSMOSIS PLANT CONDORDEMI 900 SERIES THAT, BESIDES PROVIDING WATER WHICH IS FREE OF SALTS, CAN ALSO BE USED FOR OTHER PURPOSES, IT DOES NOT PRODUCE ANY ELUATES



#### COUNTINUOUS DOSING OF DEGREASER

THROUGH CONDORCLEAN XC SYSTEM IT IS POSSIBLE TO DOSE CONTINUOUSLY FRESH DEGREASER TO KEEP THE BATH STEADY

#### AUTOMATIC SLUDGE DRAIN

IT AVOIDS THE NEED TO PERIODICALLY REPLACE THE CONCENTRATION TANK