

COALESCENCE SYSTEM  
FOR OIL AND SLUDGE  
REMOVAL FOR  
EMULSIONS PURIFICATION  
**BLADE OIL - BLADE MUD**

WITH AN ATTENTIVE  
EYE TO NATURE



# COALESCENCE OIL REMOVAL SYSTEM BLADE OIL – BLADE MUD SERIES

## TYPICAL APPLICATION:

### Cleaning in continuous of:

- Lubro coolants for tubes mills and rolling mills etc.
- Separation emulsions
- Degreasing Solutions
- Pickling solutions

### Pretreatment to units:

- Chemical physical purification
- Ultrafiltration
- Evaporation

### Treatment of condensed from :

- Distillation
- Pyrolysis



## WORKING PRINCIPLES:

These units exploit the high decantation surfaces and the coalescence effect of proper lamella packages in order to remove from a solution or a aqueous emulsion the sedimentable particles and the micro particles of oil which are finely dispersed

## AVAILABLE MODELS

BLADE OIL	
MODELS	EQ. surface Mq
Blade Oil 05/20	2,6
Blade Oil 05/40	1,3
Blade Oil 09/20	5,7
Blade Oil 09/40	2,8
Blade Oil 12/20	11,5
Blade Oil 12/40	5,7
Blade Oil 16/20	20,3
Blade Oil 16/40	10,1
Blade Oil 22/05/20	41,3
Blade Oil 22/05/40	20,6
Blade Oil 22/075/20	75,20
Blade Oil 22/075/40	37,60
Blade Oil 22/10/20	115,5
Blade Oil 22/10/40	57,7
Blade Oil 22/15/20	146
Blade Oil 22/15/40	73

This series includes lamella space from 20 to 80 mm and inclined hopper at 60° and 70°.

BLADE MUD	
MODELS	EQ. surface Mq
Blade Mud 4/0,5	1,3
Blade Mud 6/0,5	3,4
Blade Mud 9/0,5	8,6
Blade Mud 12/0,5	16
Blade Mud 16/0,5	30
Blade Mud 16/1	60
Blade Mud 16/1-2	120
Blade Mud 16/1-3	180
Blade Mud 16/1-4	240
Blade Mud 16/1-5	300
Blade Mud 16/1-6	360



## AVAILABLE MODELS

**BLADE OIL series** Oil removal unit

**BLADE MUD series** Oil and sludge removal unit

## OPTIONAL

### LOADING PUMP

Membrane pump complete of control panel.

Dripping tanks and oil delivery.

Sludge discharging with times for frequency and discharging time length.



### DRAINING BAG DEHYDRATOR - DRY BAG

Made in AISI 304. Models available at 1 up to 8 draining bags of 80 l volume each.



### EXTRA STANDARD

Standard models are in AISI 304 with PRFV lamella. As option are proposed units in polypropylene or in AISI 316 L and lamella in polypropylene, AISI 304 and AISI 316L.

### PREPARATION TANKS

When reactive agents are required, tanks for premixing are offered.



### DIFFERENT DIMENSIONS

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