

REVERSE
OSMOSIS UNIT
MOD. TAOS 700

WITH AN ATTENTIVE
EYE TO NATURE





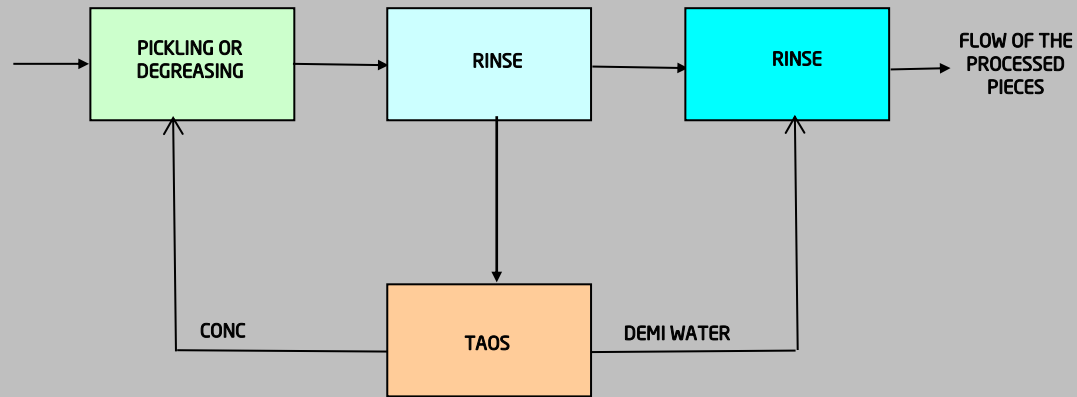
REVERSE OSMOSIS UNIT - TAOS 700 SERIES

APPLICATION

TAOS UNITS EXPLOITS THE PRINCIPLES OF THE MEMBRANE SEPARATION BY USING REVERSE OSMOSIS MEMBRANES TO CONCENTRATE AQUEOUS SOLUTION.

- RECONCENTRATION AND RECOVERY OF THE DRAG OUT CHEMICALS AND SIMULTANEOUS PRODUCTION OF DEMINERALIZED WATER TO BE RECYCLED.
- CONCENTRATION OF WASTE WATER WITH DEMINERALIZED WATER RECOVERY

WORKING PRINCIPLES



ADVANTAGES

- **ECONOMIC:**
 - SAVE OF PRODUCT
 - WATER RECYCLE
 - SAVE ON DISPOSAL
- **QUALITATIVE:** KEEPING A DEMINERALIZED RINSE

MODELS CAPACITY

MODEL	CAPACITY (l/h)	DIMENSIONS	ABSORBED POWER (kw/h)	
			MOD.LP	MOD. HP
TAOS 701.4	100	1.400x1.200x1.600h	2,5	3,5
TAOS 702.4	200	1.400x1.200x1.600h	2,5	3,5
TAOS 703.4	250	1.400x1.200x1.600h	2,5	3,5
TAOS 704.4	400	1.500x1.200x1.600h	3,0	4,0
TAOS 705.4	500	1.500x1.200x1.600h	3,0	4,0
TAOS 701.8	800	5.000x1.400x1.800h	8,0	11,0
TAOS 702.8	1000	5.000x1.400x1.800h	8,0	11,0
TAOS 704.8	2000	5.000x1.600x1.800h	8,0	11,0
TAOS 706.8	3500	5.000x1.600x1.800h	9,0	12,0
TAOS 712.8	7000	8.000x2.000x2.000h	14,0	18,0
TAOS 718.8	10000	8.000x2.000x2.200h	14,0	18,0
TAOS 736.8	20000	8.000x2.200x2.200h	20,0	30,0

AVAILABLES MODELS

TAOS 700 LP

LP SERIES IS USED WHEN THE SALINE CONCENTRATION TO REACH IS LESS THAN 10g/l

TAOS 700 HP

BY WORKING AT HIGHER PRESSURE, HP SERIES ALLOWS TO REACH CONCENTRATION OF 30g/l.

TAOS 700 XX HT

HT SERIES BECOMES NECESSARY WHEN WATER FEEDING THE PLANT SHOULD HAVE A HIGHER TEMPERATURE THAN 30°C TILL A MAX. OF 70°C

TAOS 700 XX TM

TM SERIES IS PREFERRED WHEN WATER USED FOR FEEDING THE PLANT SHOULD HAVE ENCRUSTING FEATURES.

OPTIONAL

DOUBLE PUMPS

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



ACTIVE CARBON FILTERS

NECESSARY IN CASE OF ORGANIC SUBSTANCES PRESENCE, WHICH MAY DAMAGE THE MEMBRANES.

CONDORDEMI UNIT

AS OPTIONAL, A REVERSE OSMOSIS OUR MOD. CONDORDEMI IS PROPOSED IN ORDER TO DEMINERALISE TAP WATER NECESSARY TO RESTORE CIRCUIT LOSSES.



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, LEVEL AND RECIRCULATION CIRCUIT, CONTROL MANOSTAT.



PROWADEST UNIT

WHEN SALT CONCENTRATIONS HIGHER THAN 30 g/l SHOULD BE REACHED, IN THE CONCENTRATE, AN EVAPORATIVE UNIT IS PROPOSED, OUR MOD. PROWADEST, WHICH TREATS THE CONCENTRATE FLOW BEFORE GOING INTO THE WORKING TANK.

DIFFERENT DIMENSIONS

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

