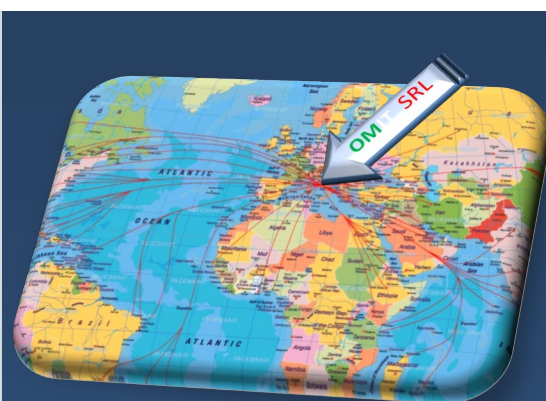




Design, production and installation of machinery for water treatment

COMPANY

After twenty years of experience in the water treatment, O.M.IT. have developed innovative technological solutions in the construction of machinery solving the problems that arise in the management of the WTPs. We offer very competitive product with the best quality for the domestic and international market.



The production process ensures quality efficiency and robustness of the structures in order to satisfy the European CEE rules. In addition, advice is offered in the plant design of filtration, purification and recycling of water.



Workshop for machine production equipped with LASER CUTTING.
Technical department offices

O.M.IT. s.r.l.

Tel (0039) 06 9271664 - Sede legale /Registered office : Largo Urbino 15/A - 00071 Pomezia (Roma) - Italy Sede operativa /Factory : Via Cancelliera 10, 00041 Albano Laziale - Roma - Italy - PEC omitsrl@pec.it REA RM n° 1570055 - Cf. - P.Iva/Vat.: 15134901006 - CODICE UNIVOCO : VI83083 E-mail : commerciale@omit.tech - <https://omit.tech/>



OUR PRODUCTION

SCREENS
SCREW PUMPS
COMPACTORS
SCRAPING BRIDGES FOR :
• SEDIMENTATION
• DECANTATION
• DEOILING / DEGRITTING
SLUDGE DEWATERING
FILTRATION
CONVOYER
PENSTOCK - SLUICE GATES
POLY STATION
COMBINED UNITS
COMPACT PLANT



SELF CLEANING BELT SCREEN
GNA



COMBINED UNIT SERIES UCP



DISK FILTER SMT



ASPIRATED SCRAPER BRIDGE WITH SIPHON - PARS

FILTRATION AND MICROFILTRATION

FILTER DISC SMT is one of our leading products and one of the most advanced technological solutions in the practice of liquid filtration for reuse of filtered products. In the case of waste water, they allow after the classic operations of the biological purification and / or physical-chemical the reuse of treated water for irrigation purposes and / or industrial.

The shape of the compact filter allows the filter itself to have a large filtration surface compared to the space occupied; Furthermore the filter medium usually loaded with flat fabric, can be loaded on demand with special wavy fabrics, which will further increase the filtering surface, in contrast you will need for backwashing more stringent due to the special construction of the canvases.

The wavy fabric version increases by 40% filtering surface, treating greater flow in the same space.

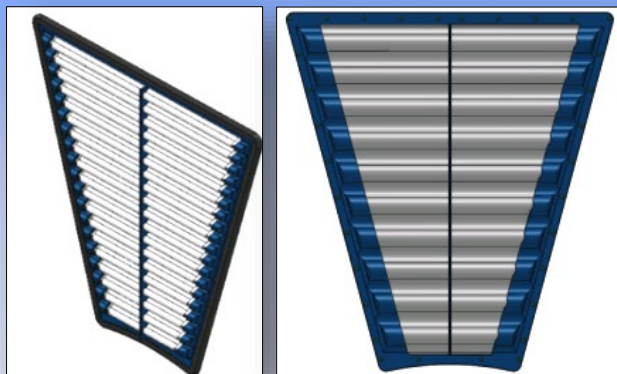
Disk filter - SMT



Disk filter - SMT



Filter's sector with wavy fabric



Filter's sector with plain fabric

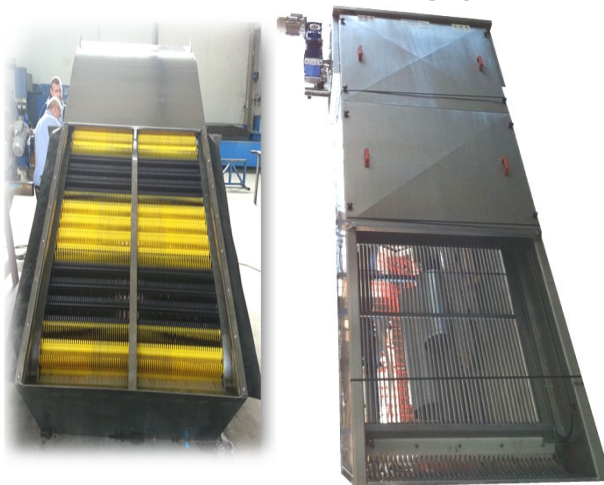


SCREENING

Self-cleaning belt screen - GNA



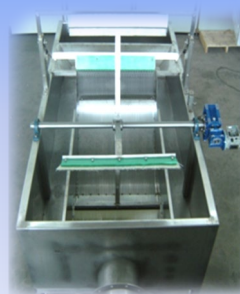
Vertical chain-operated screen - GVC



Belt screen with pegs - GNCP



Automatic Arch Screen GAA



Vertical Chain-operated with Counter-flow Cleaning Screen GVCC



Hydraulic Screen GO



Rotating Drum Screen GTR



Screw Screen GC



Step Screen - GGM



DEGRITTER –SAND WASHER

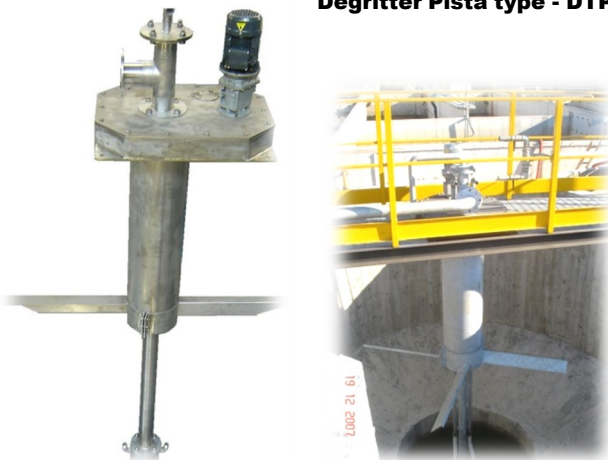
Coanda effect screw sand remover - ESCC



Screw sand remover - ESC



Degritter Pista type - DTP



**longitudinal scraper bridge silting tank-deoiler/clarifier
PRLD**



Archimedean screw pump - PVA



Decanter Scraping Bridge

Aspirated scraper bridge with siphon - PARS



Peripheral drive scraping bridge - P RTP



Longitudinal aspirated scraper bridge- PRLA



Peripheral drive aspirated scraping bridge - PRATP



PENSTOCK – SLUICE GATES

Penstock - PCM



Weir Penstock - PSCM



Motorized Penstock- PM



COMPACTORS

Screw Compactor – CC



Hydraulic Compactor - CO



COMBINED UNIT - SEWAGE PRE-TREATMENT

Combined Unit Of Pre-treatment - UCP



Pre-treatment- TB

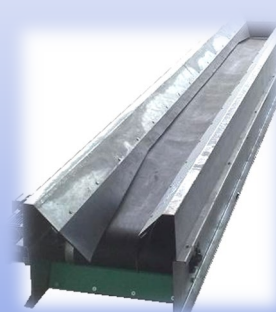
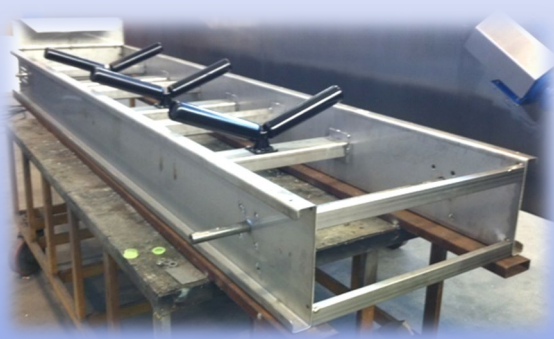


CONVEYORS

Screw conveyor - TC



Belt conveyor - TN



SLUDGE TREATMENT

Thickener Bridge With Central Drive – PICC



Dynamic Thickener - AD

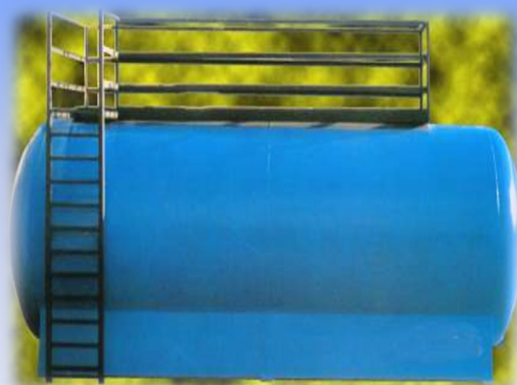


COMPACT PLANT

Chemical/physical compact plant – ALPHA



Total Oxydation compact plant – BETA



POLYELECTROLYTE PREPARATION AND DOSING STATION - SDP

