



WATER AND DUST PURIFICATION PLANTS

SILO "C" SERIES

- For recycling and clarifying process water by separating slurry from water
- For saving on water consumption
- Eliminates the need to build costly decantation tanks
- Decreases and optimises slurry disposal cost
- Thick, stainless steel structure (will last forever)
- Eliminates waste disposal cost
- No slurry accumulation in decantation tanks
- Not subject to water leaks, unlike the tanks
- No maintenance requirements



BLUCOMB 9.5



- Lamella pack water clarifier: Stainless steel AISI 304 or polypropylene with big bag filter and filter press
- For recycling and clarifying process water, separating mud from water and saving almost totally water consumption
- More compact size than classic Silo
- Increased performance in terms of Lt/min. and water clarity
- No maintenance required thanks to the innovative self-cleaning system incorporated
- Is not attacked by bacterial overgrowth, electro-conductivity or acids
- Eliminates the expensive construction of settling pits
- Reduces and optimizes the cost of mud disposal
- Frame in hot galvanized iron 400 degrees (use degrees symbol here)

AIR DRYER



- Self-cleaning system reduces cleaning and maintenance to practically zero
- It is a PLC-controlled dust suppression system
- Low energy Consumption
- Uses special self-cleaning, water-repellent filters
- Can be adapted to any kind of work
- Compact size
- Machine body is made of hot-galvanised zinc
- Complies with European, US, Canadian and Australian directives and standards

AIR BOX



- The new air box's are fitted with the latest fans and innovative blasting systems and replace the old systems with belt motor and water film cleaning
- Dust suppression system using water in 3 stages and without filters
- Can be adapted to any kind of work, choice of 18 different versions
- Compact size that's suitable for any environment, ergonomic design allows for easy cleaning
- Self-flushing nebulisers
- Machine body and pump in thick stainless steel
- Complies with European and US directives and standards
- Low energy and water consumption

ITALMECC

PUMP

High-quality Centrifugal pumps and Submersed pumps, available in different sizes and HP to meet your specific needs. Contact us for more information.



BOOSTING PUMP GROUPS

Pump Groups and tanks are dimensioned according to the needs of each laboratory. Our technical department calculates each specific application.



FILTER FOR SILO

The dirty water, before going to be loaded into the decanter (Silo), passes through this second filter which stops residual solids previously not retained by the first basket filter.



SLUDGE DEHYDRATOR



Automatic, cost-effective, useful and easy to use dehydrator that is entirely built in stainless steel. It is suitable for both indoor and outdoor installations. It is the most economic and practical system to eliminate sludge from decantation tanks, making it compliant with the EC regulations on pollution.

Thanks to the special trolley (optional), the bags are easily removed. The new anchoring and bag-removal system has been designed to ensure maximum ease of use and safety even when the bags are full. Economy is available with 5, 3 or 2 bags.

FLOCCULENT

Advantages of the Flocculent Technology: Very high filtration performance and stability of the depuration parameters, water becomes crystal clear. Flocculent does not damage machines and pipes if used of high quality with 1% salt in its composition. Offered in different formulas in order to best suit your specific needs.



FLOCCULENT DOSING STATION

Automatically adds the correct dose of Flocculent to your water on its way to the Silo. This is a much more efficient and accurate method than manually adding Flocculent. Saves you time and money.

MAGNUM SUCTION ARM

- A necessary tool in order to expand the work area up to 5mt. away from the machine
- Arm mounted on steel frame complete with wheels
- Cleaning and maintenance are practically zero
- Low energy consumption
- It has been studied for particular works where it may be necessary in higher aspiration zones
- Compact size
- Machine body made of hot-galvanized zinc
- Complies with European, US, Canadian and Australian directives and standards
- Self-supporting expandable arm
- Connectable to all the dust suction cabins
- All exterior adjustments on dust arms

FILTRATION SYSTEM



We like the term POSSIBLE. Filtering precision is our point of strength. Thanks to a qualified technical office, we are also able to solve problems on existing systems. Someone has the idea that you can only filter the water with a filter press, without decanters (or silo) and filtration systems. This is a totally wrong concept, moreover not sufficiently productive. In fact, finding the right balance between the flocculent formula and a proper filtration system can obtain amazing results. Contact us today for more information.