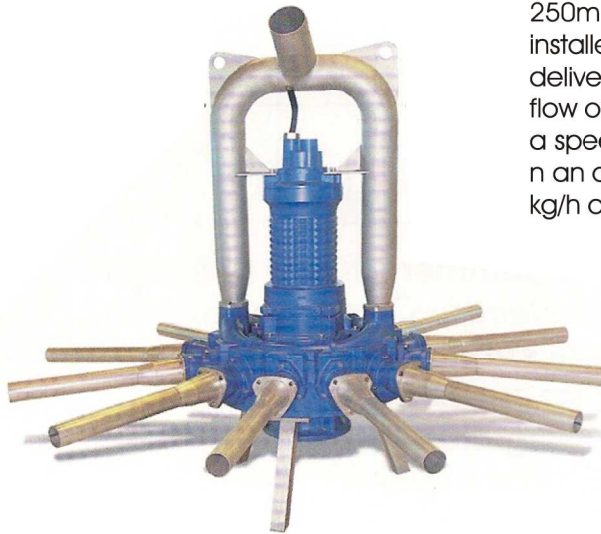


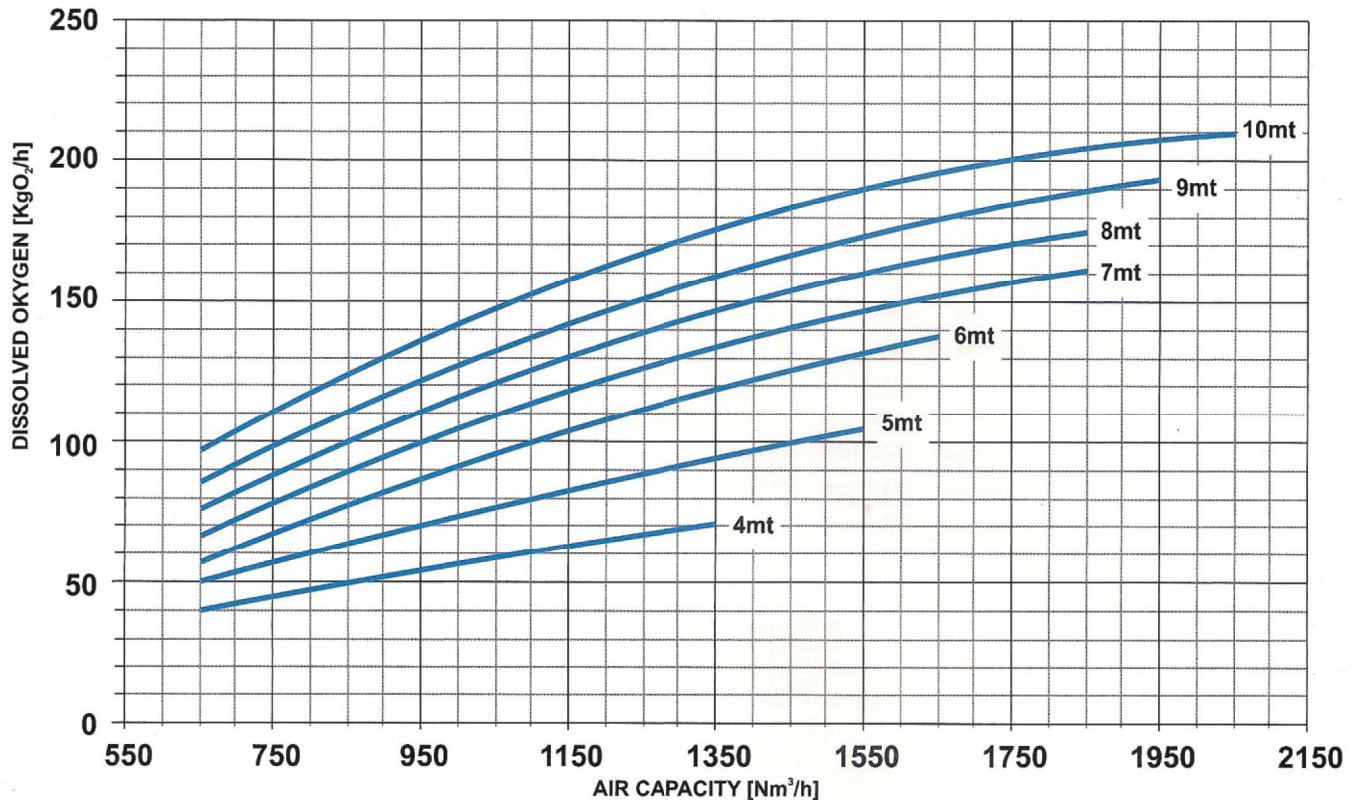
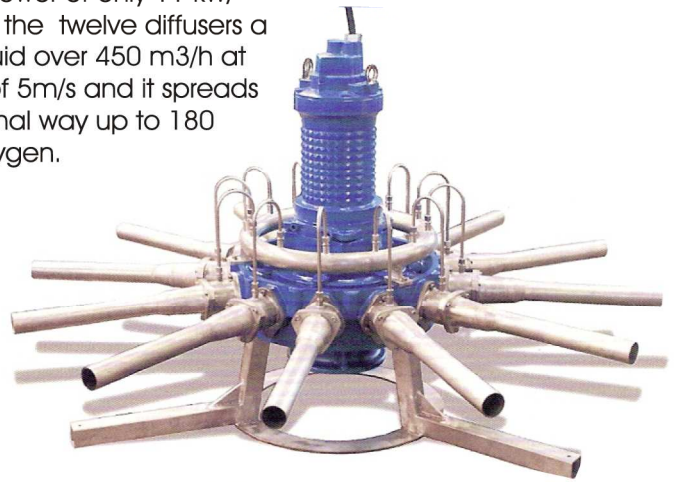
OSSI-MIX

The OM system has been designed for a long operational life which translates in low operating costs. All parts subject to wear can be replaced easily from the edge of the tank the use of simple tools. The impeller has an exclusive fine tuning regulation system. In summary the OM system constitutes an excellent and unrivaled technical-economical combination for the aeration of sludge, reaching unparalleled results in terms of energy efficiency and maintenance costs.



OSSI-MIX-02

The OSSI-MIX-02 is the natural evolution of Faggiolati OSSI-MIX and uses most of its components. To allow the injection of pure oxygen, some special arrangements are required to the diffuser and distribution system of the gaseous phase. To prevent corrosion phenomena where both the liquid and gaseous states flow, the oxygen distribution system was separated from the case by the use of a toroidal, collector, mixing chambers are fed by appropriate demountable nozzles. The motor case is in cast iron and the high efficiency profiled impeller is in DUPLEX as for compressed air. The OSSI-MIX-02 comes with a new suction flange that prevents accidental entry of coarse solids and allows the oxygenated mixture at only 250mm from the bottom of the tank. The machine, with an installed power of only 11 kW, delivers to the twelve diffusers a flow of liquid over 450 m³/h at a speed of 5m/s and it spreads in an optimal way up to 180 kg/h of oxygen.



Type	Power supply	Rotation speed R.P.M.	Nom. power P2 kW	Max current A	Start current A	Nozzle diameter mm	Weight Kg
OMG413R3C1-F30AA2	3ph 400/690V 50Hz	1450	15,4	28,5	165	30	480