

OXY-DEP™ ***VSA 500 System***

for effective treatment of waste-water

- *Reduced need for site permitting and building regulations*
- *Small footprint*
- *Easy installation*
- *Simple control system*



Introduction

The OXY-DEP™ VSA 500 System is ideal for processes requiring high treatment rates of up to 10kgCOD/m³/day.

The system provides oxygenation and oxidation technology in aqueous processes, based on the delivery of 500 litres/min of process gas @ 90% oxygen purity

Specifications

| | |
|---------------------------|---|
| Oxygen dissolution | typically 700 to 790kg/day* according to basin dimensions. As experienced under process water conditions. |
| Power consumption | typically 31 to 36.5kW depending on water or wastewater basin configuration |

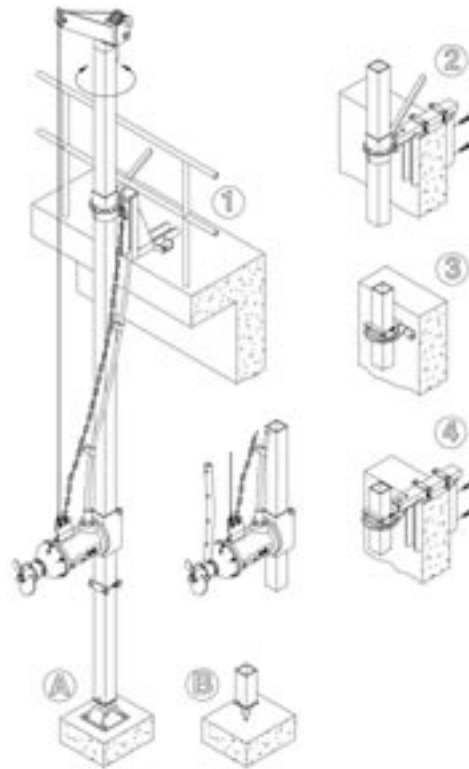
Utility and other requirements

| | | |
|---------------------------------|------------------------------|--------------------|
| Installed power | Oxygen generator | 29.8kW |
| | Mixer-oxygenator | typically 5.5-11kW |
| Firm flat area of ground | 3m x 3m: Forklift to offload | |

No other utilities required

Physical Characteristics

| | |
|------------------------------------|--------------------------------|
| Oxygen generator footprint: | 2.5m (l) x 2.5m (w) x 2.0m (h) |
| Oxygen generator weight: | 2,273kg |
| Mixer weight: | 70-121 kg |



A typical schematic of the mixer installation



The OXY-DEP™ VSA 500 System

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