

# ***OXY-DEP™*** ***VSA 150 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/m<sup>3</sup>/day.

The system provides oxygenation and oxidation technology in aqueous processes, based on the delivery of 150 litres/min of process gas @ 90% oxygen purity

## Specifications

<b>Oxygen dissolution</b>	typically 210 to 235kg/day* according to basin dimensions. As experienced under process water conditions.
<b>Power consumption</b>	typically 11.8 to 13.6kW depending on water or wastewater basin configuration

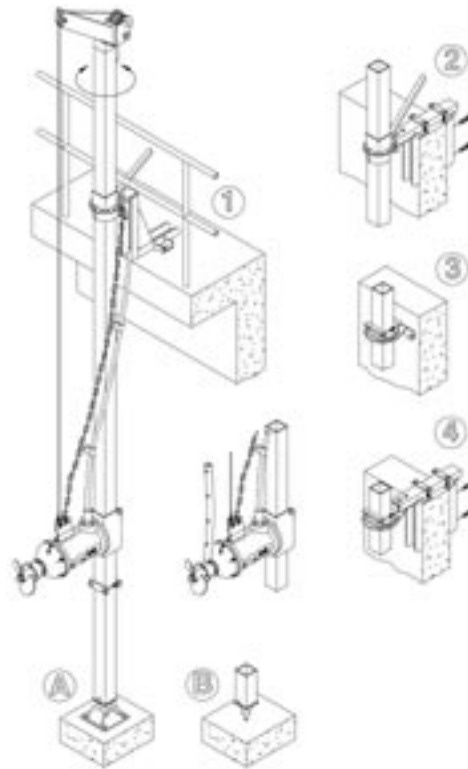
## Utility and other requirements

<b>Installed power</b>	Oxygen generator	10kW
	Mixer-oxygenator	typically 2.2-4kW
<b>Firm flat area of ground</b>	3m x 2m: Forklift to offload	

No other utilities required

## Physical Characteristics

<b>Oxygen generator footprint:</b>	2.67m (l) x 1.65m (w) x 1.65m (h)
<b>Oxygen generator weight:</b>	1,140kg
<b>Mixer weight:</b>	39-62 kg



A typical schematic of the mixer installation



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