

Clog-free oxygen enrichment system – made in Germany!

In the last year, our **OXYWHEEL** oxygen enrichment system has been further developed and redesigned. It is now even more compact!

The new system we have developed incorporates a new type of pumping wheel (patent applied for). These flexible brush wheels guarantee optimal mixing and maximise efficiency, thus reducing energy costs. In addition, the new wheel design allows the use of **OXYWHEEL** in densely stocked fish and fry tanks and ponds. Damage to the fish from the pumping wheels is impossible, as the brushes are soft and flexible. Blockages are virtually impossible.

The drive mechanism of the new **OXYWHEEL** has been completely redesigned. The technology from the AquaWheel, proven a thousandfold over the last 15 years, has been applied to the new **OXYWHEEL**. Power from the robust electric motor is transmitted to the brush wheels by a toothed drive belt and cog wheel.

The well-proven polyethylene cover to the brush wheels has been retained. Each wheel has its own cover. Each cover is divided into 2; a mixing/pumping chamber, and an outlet chamber.

The outlet chamber has been enlarged, thus increasing the residence time of the water, and



slowing the water speed. Consequently, the buoyancy of the gas bubbles allows them to rise, and be retained in the chamber. This increases the efficiency of oxygen transfer, and reduces the escape of bubbles of valuable oxygen to the atmosphere.

OXYWHEEL 2005 is still produced in two sizes. The 0.37 kilowatt model operates with one wheel and cover and the 0.65 kilowatt model operates with two.

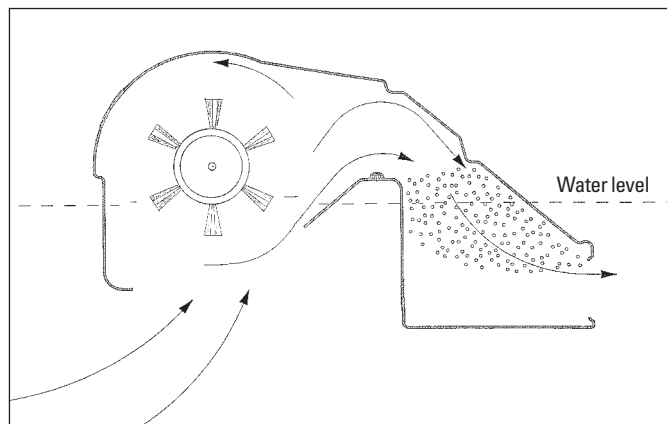
Both sizes are equipped with a new main float. Therefore **OXYWHEEL** can be deployed quickly and easily wherever required.

OXYWHEEL comes complete with oxygen flow meter, cable and motor-protection-plug, and is ready for use.

It simply needs to be connected to the oxygen and power supplies, and no self-assembly is required.

Advantages:

- highly efficient
- almost silent
- compact
- non-clogging
- tested and reliable



Technical

Motor rating	kW	0.37	0.65
Power take up	Watt	500	900
Voltage	V	230/400	400
Motor	rpm	910	910
Paddles	rpm	190	190
O ₂ -enrichment max.	l/min	16	32
	m ³ /h	1.0	2.0
Dimensions	cm	140 x 90 x 66	140 x 140 x 66
Weight	kg	58	88