



**Think you know
everything about
rotary lobe pumps?
Well, think again!**

V/OGELSANG
ENGINEERED TO WORK





IQ series

**Sets new standards and makes
a lasting impression**

Advantages of the IQ series at a glance

- Free access to pumping elements after removing the pump housing
- Pump always remains firmly screwed into the pipe during service and maintenance work
- Integrated liquid reservoir safeguards against dry running
- 40% power reserve allows for larger rotary lobes and housing
- Good suction capacity
- Simple and flexible installation thanks to universal connections and compact dimensions
- Intelligent foreign matter handling increases operating lifetime by up to 150%



More cost-effective thanks to reduced maintenance and service

Why we developed the IQ series:

Because we know what industry and waste water treatment plant operators need from efficient pump technology, we developed a solution that meets the demand for “reduced cost, increased efficiency”.

The main advantages of our new rotary lobe pump series include quick maintenance, cost-saving service and simple handling.

IQ series – a new concept

The pump housing is a complete part. The pumping elements can be accessed freely in a few easy steps while the pump remains firmly screwed into the pipe.

IQ series – easy to integrate

Universal connecting parts satisfy most routine installation conditions. IQ-series

pumps can be quickly and easily attached or installed in a wide range of locations, including tank vehicles and mobile units, without special connections.

IQ series – for low operating costs

The number of main spare parts has been cut in half when compared to conventional designs, which reduces the cost of spare parts accordingly.

The time required for cleaning and replacing parts has been significantly reduced for even more cost savings. Compared to

other rotary lobe pumps on the market, IQ pumps require less than half the time to replace wear parts such as rotary lobes, wearing plates, pump housing and seals.

IQ series – with InjectionSystem

The InjectionSystem has more sealing lines. This increases internal sealing and contributes to the high level of suction capacity and efficiency of IQ pumps.

Improved handling of foreign matter makes the system more robust – this increased operating lifetime by up to 150% during field testing.

IQ series – for special applications

The capacity* of IQ pumps is up to 77 m³/h at pressures up to max. 8 bar. The IQ series is perfectly suited for demanding applications with abrasive media; for example, in the field of disposal.



Specifications				
Type	Displacement volume l/rev	Max. pressure bar	Max. capacity* m ³ /h	Max. speed rpm
IQ112				
81	1.02	8	55	900
114	1.44	5	77	900

* Maximum, theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.



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