



COMPACT HYDRAULIC DRIVE PUMPS FOR MOBILE APPLICATIONS

Hydro Excavation

Robust pumps for viscous abrasive & hazardous liquids

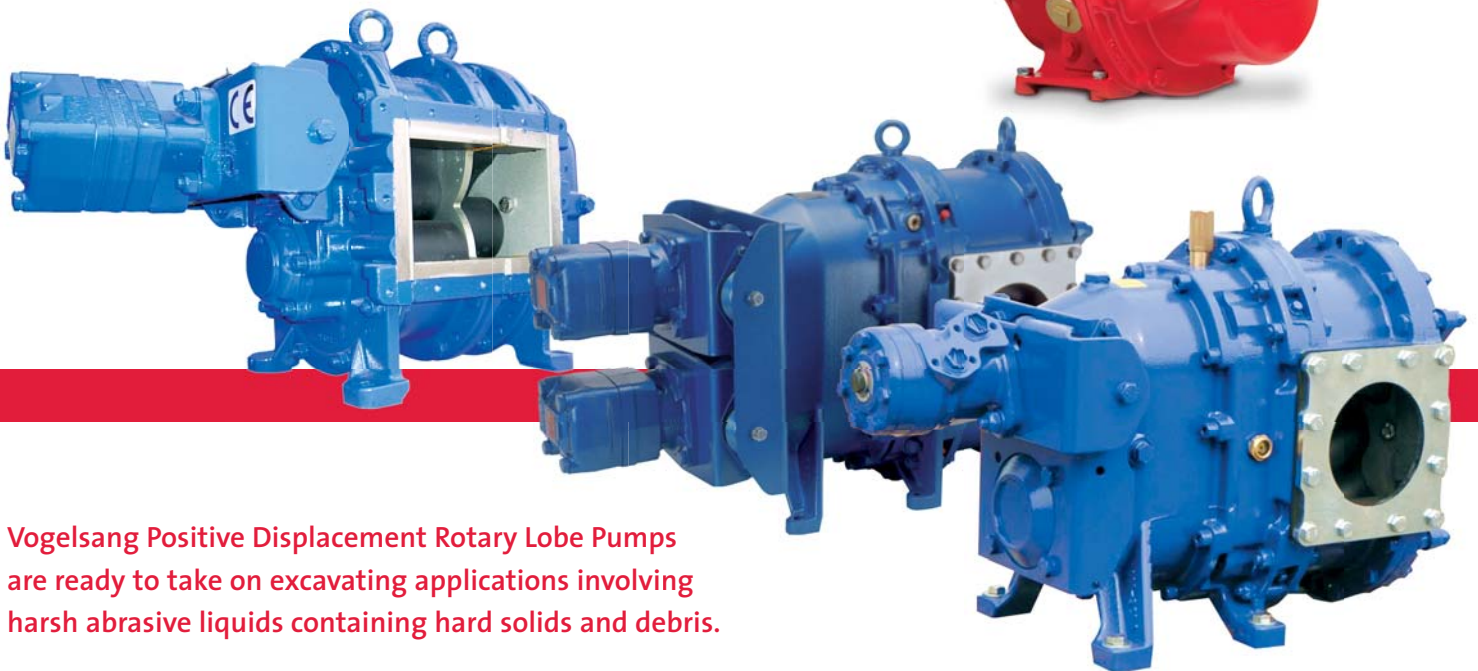


Pumps for tank evacuation & water flush

Vogelsang offers high-performance positive displacement rotary lobe pumps for tough applications involving heavy sludge-like liquids containing solids and abrasives. The VX series rotary lobe pump is widely used for transfer, tank cleaning and hose stripping in several industries worldwide such as: wastewater sludge, crude oil & gas transfer, drilling mud and mining. This experience makes the VX pump an ideal product for evacuating the holding tank on hydro excavators.

Hydro Excavation systems often use a tilt or air to offload the waste, followed by a water flushing process to clean the tank. It is often advantageous to pump the waste slurry out of the tank in situations involving hazardous elements present in the tank or situations where the truck cannot properly dump its contents effectively. The Vogelsang VX pump is great for powering through heavy and abrasive liquids with ease. Tanks can be completely emptied without opening the rear door or tilting the tank.

When it comes to water flushing, a Vogelsang R Series pump offers an economical and effective means to get the most out of the process. Unlike centrifugal pumps, the R series pump is versatile, more compact and able to transfer in both directions without the need of valves. It also has the ability to handle a suction lift up to 25'.



Vogelsang Positive Displacement Rotary Lobe Pumps are ready to take on excavating applications involving harsh abrasive liquids containing hard solids and debris.



Cutting Edge Materials

Excavation applications expose the pumps and overall system to liquids that could contain all kinds of abrasive, caustic or toxic elements in the soil.

Vogelsang offers a wide variety of materials to be compatible with all kinds of chemicals and aggressive liquids. Our pumps are equipped with robust internal wet-end wear parts to handle tough abrasives and hard solid objects present in the liquid.

Versatility

Our mobile application pumps are hydraulically powered and ultra compact. They fit in tight onboard positions and can be oriented in any direction.

The high suction lift capability can produce flow from anywhere on the truck which allows maximum design flexibility.

The VX & IQ series features an easy-access front cover making maintenance a snap either in the field or in the shop. Vogelsang VX & IQ pumps are serviced in place without touching any connected hoses or piping.

Customer Service

Our relationship doesn't end with the sale. Expect quick and expert advice about our products once they're in place.

Vogelsang has a network of distribution sales and service facilities that are close by when needed for technical support or repair. Our internal service staff offers expert advice and best practices to keep your products running smoothly.

When you need service or maintenance, we'll be there on time to get the job done right.



With the compact and versatile design of the Vogelsang rotary lobe pump, mobile installation is easy! Our pumps offer forward and reverse pumping on the fly and suction lift to 25'. It has never been easier to fill or empty a tank quickly and effectively in such a small package. All wet-end maintenance is done in place by simply removing the front cover to gain full access to all wear parts.

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ENGINEERED TO WORK

Pump Series Performance Specifications:

Model	Capacity		Displacement		Max. Solids		Flange Size		Max Pressure				Max. Speed	
	gpm	m ³ /h	gal/100rev	l/100rev	in	mm	in	mm	Q: psi	bar	QD: psi	bar	rpm 1/min	
K100	45	13-60	3-13	7.7	29	.75	20	2.5	65	145	10			1000
	64	22-85	5-19	11.1	42	.75	20	3.0	80	131	9			1000
	90	26-120	6-26	15.6	59	.75	20	4.0	100	102	7			1000
	128	40-170	9-38	22.2	84	.75	20	4.0	100	58	4			1000
K136	70	45-200	10-45	33.5	127	1.50	40	4.0	100	145	10	174	12	800
	105	65-310	15-70	50.0	190	1.50	40	4.0	125	145	10	174	12	800
	140	90-400	20-90	67.0	253	1.50	40	6.0	125	116	8	174	12	800
	210	130-610	30-140	100.0	380	1.50	40	6.0	150	73	5	145	10	800
	280	180-800	40-180	134.0	506	1.50	40	6.0	150			116	8	800
	420	260-1220	60-280	200.0	759	1.50	40	6.0	150			87	6	800
	140M2	45-200	10-45	33.5	127	1.50	40	6.0	125			232	16	650
	210M2	65-310	15-70	50.0	190	1.50	40	6.0	150			232	16	650
	280M2	90-400	20-90	67.0	253	1.50	40	6.0	150			203	14	650
	420M2	130-610	30-140	100.0	380	1.50	40	6.0	150			174	12	650
K186	92	90-440	20-100	94.0	356	2.50	61	6.0	125	145	10			600
	130	130-640	30-145	133.0	503	2.50	61	6.0	150	145	10	174	12	600
	184	180-880	40-200	188.0	712	2.50	61	6.0	150	116	8	174	12	600
	260	260-1280	60-290	266.0	1006	2.50	61	8.0	200	73	5	145	10	600
	368	360-1760	80-400	376.0	1424	2.50	61	10.0	250	44	3	116	8	600
	390	390-1920	90-435	399.0	1509	2.50	61	10.0	250	44	3	102	7	600
	520	520-2560	120-580	532.0	2012	2.50	61	10.0	250			87	6	600
	736	720-3520	160-800	752.0	2848	2.50	61	14.0	350			44	3	600
	184M2	90-440	20-100	94.0	356	2.50	61	6.0	150			232	16	600
	260M2	130-640	30-145	133.0	503	2.50	61	8.0	250			232	16	600
368M2	180-880	40-200	188.0	712	2.50	61	10.0	250			203	14	600	
520M2	260-1280	60-290	266.0	1006	2.50	61	10.0	250			174	12	600	

IQ Pump Series Performance Specifications:

Model	Capacity		Displacement		Max. Solids		Flange Size		Max Pressure		Max. Speed
	gpm	m ³ /h	gal/100rev	l/100rev	in	mm	in	mm	psi	bar	rpm 1/min
IQ112-81	242	55	27	102	1.3	33	4	100	116	8	900
IQ112-114	339	77	38	144	1.3	33	4	100	72	5	900

R Pump Series Performance Specifications:

Model	Capacity		Displacement		Max Pressure		Max. Speed
	gpm	m ³ /h	gal/100rev	l/100rev	psi	bar	rpm 1/min
R116	60	198	45	30.6	72.5	5	650
	120	396	90	61.3	72.5	5	650
	180	594	135	91.9	72.5	5	650
	240	793	180	122.6	72.5	5	650
	300	991	225	153.3	72.5	4	650
	360	1189	270	183.9	72.5	3	650
R136	70	198	45	33.5	72.5	5	650
	105	308	70	50.2	72.5	5	650
	140	396	90	66.8	72.5	5	650
	210	616	140	100.4	72.5	5	650
	280	793	180	133.7	72.5	5	650
	350	1013	230	167.2	72.5	5	650
	420	1233	280	200.5	72.5	5	650