

NOXON[®]



www.noxon.se

DECANTER CENTRIFUGES

NOXON

Decanter centrifuges

NOXON AB

NOXON is an expanding company that has attained a prominent position in the field of dewatering. We manufacture and market decanter centrifuges, polymer make-up systems and control panels. NOXON's machinery is designed and manufactured in Sweden.

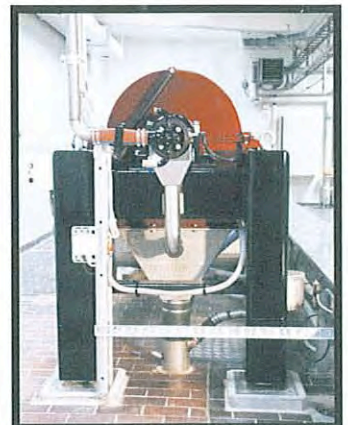
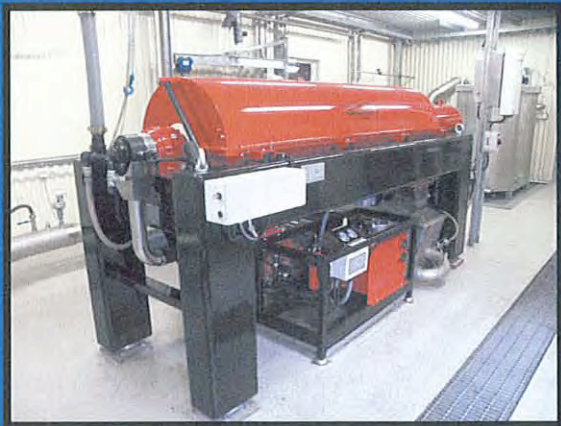
NOXON® decanter centrifuges are used primarily for municipal and industrial dewatering. Used with our sludge regulators, operation of our decanter centrifuge is completely automatic.

In practical use, the decanter centrifuge will give you the best dewatering results for your investment.

We at NOXON have many year's experience in sludge dewatering. Our high technical quality and service have provided us with many satisfied customers world-wide over the years.

NOXON® Decanter centrifuges

Our decanter centrifuges are available in a number of different sizes. Their capacities vary from 1 to 50 m³/h. The machines can be adapted to suit customer requirements, which may include requirements on the materials to be used (stainless steel, carbon steel), level of automatization, drives (electrical operation, semi hydraulic operation, fully hydraulic operation), concurrent or counter-current flows, and special screw designs. Some of these screw designs are patented.



NOXON Equipment

Sludge regulator

Connecting NOXON's sludge regulator to our decanter centrifuge will enable you to control the sludge dewatering process as safely as possible. The sludge regulator has been developed and adapted especially for the control and regulation of NOXON® decanter centrifuges. The sludge regulator regulates the differential speed and supervises other functions in the sludge dewatering process.

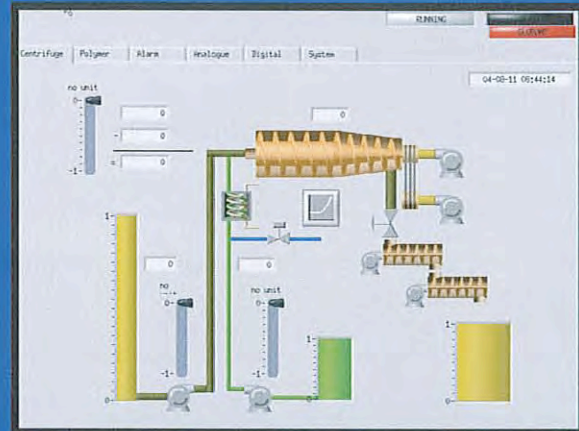
We can also supply communication modules to link the NOXON controls to your control systems. Our modem allows you to dial-in from a remote location to supervise or adjust the operation of the decanter centrifuge.

Polymer make-up systems

We can supply polymer make-up systems for both powder and liquid polymers. The equipment can be regulated by our sludge regulator which ensures you an economical and effective polymer solution. The polymer make-up system can be supplied with a separate control panel.

Service

NOXON's well-organized service fleet services centrifuges and peripherals world-wide. We are also prepared to enter service agreements. A service agreement with us means minimized maintenance cost and maximized service life.



Technical data for Decanter centrifuges

MODEL	LP1	LP5	DC3	DC6	DC10	DC12	DC20	DC40
Dewatering principle								
Concurrent configuration	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Counter-current configuration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating data, (optional)								
Electrical operation (EL version)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Hydraulic operation, screw (FC version)	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Motor output installed for screw (kW), intervall			5.5-7.5	5.5-7.5	7.5-15	7.5-11	7.5-18.5	30
Motor output for drum (kW), intervall	7.5 ¹⁾	11 ¹⁾	7.5-15	11-30	11-30	22-30	15-37	55-75
Materials								
High-strength steel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Acid-resistant stainless steel (optional)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Machine colour (optional)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wolfarm carbide coating	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Capacity²⁾								
Volume capacity, m ³ /h	1-3	4-6	1-4	3-8	5-15	6-18	8-25	25-50 (75)
Max.kg dry solid s/h	50	150	120	250	500	600	800	1600
Dimensions & weight, approx values								
Length (L), mm	1900	2600	2800	3400	3300	3700	4000	4800
Max. width mm	900	1235	1000	1000	1200	1100	1200	1500
Height (H), mm	765	840	1500	1500	1600	1600	1600	1700
Distance between legs (I), mm	1700	1770	2100	2600	2400	2900	3200	3700
Lowest lifting hook height (K), m	1,4	1,4	2	2	2	2	2	2
Rotor weight, kg	200	600	600	800	900	700	1100	2800
Total weight, kg	750	1350	1800	2100	2600	2500	4400	6800
Hydraulic unit weight (FC version)	No	No	350	350	400	400	400	700

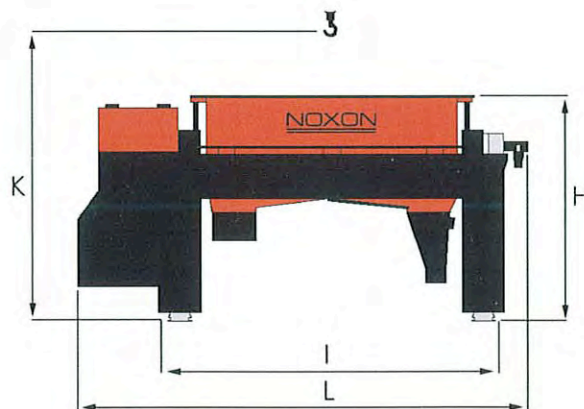
1) The LP1/LP5 are powered by one motor.

2) Stated capacities depend on sludge types.

We reserve the right to make technical changes without notice.

Accessories

A wide range of accessories is available for our centrifuges. These make it possible to adapt the machine to your own requirements. These accessories include different types of control panels, sludge regulators, vibration sensors, sludge diverters, sludge outlets, stubs for ventilation, flowmeters, sludge density meters, centrate turbidity meters, centrate sampling vessel, level indicators, acoustic covers and several types of mixer for polymer. Please contact us - we will be happy to work with you to select the proper machine and options for your particular application.



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