



**WATER &
WASTE WATER
TREATMENT
SYSTEMS**

DWT-Engineering is a Finnish high-tech company specialising in designing, manufacturing and marketing efficient water and waste treatment systems for global environmental protection projects in municipal and industrial applications. DWT manufactures a wide range of standard and tailor made equipment. Wide experience in engineering, the use of the best materials and components, comprehensive network of representatives and good after sales service ensures the customers always the best and most economical solution.

L-P L Belt Thickener



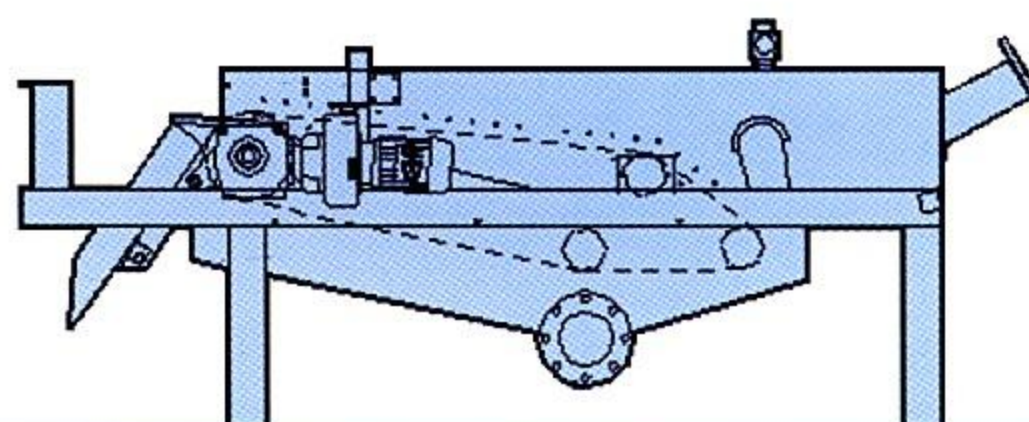
The Dewa L-P L Belt Thickeners is an economical sludge thickening unit which is suitable for all kinds of sludges which requires thickening before digesting or sludge dewatering. It can be used as a stand alone unit or integrated with any of Dewa belt filter press models. With the L-P L thickener it is possible to replace the expensive conventional concrete thickening basins. The L-P L requires minimum of space and energy. All stainless steel frame, reliable mechanical construction and simple working principle makes it durable and long lasting in all conditions. There are 6 standard Dewa L-P L models with capacity range from 0 to 80 m³/hours.

- Economical belt thickener for all applications
- Easy to use
- High quality corrosion-free materials and components
- 6 standard models
- Can be tailored for special applications
- Can be integrated to the existing system

L-P L CAPACITY CHART

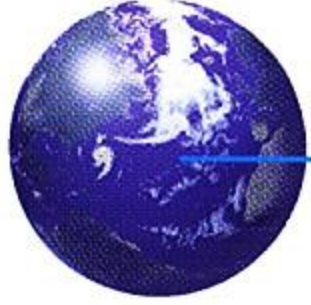
Model	L-P7L	L-P11L	L-P16L	L-P21L	L-P26L	L-P31L
Effective belt width mm	490	890	1390	1890	2390	2890
Effective filtration area m ²	0,7	1,3	2,1	2,9	3,7	4,5
Capacity m ³ /h	1-10	7-15	12-25	20-40	30-60	40-80
DS capacity kg DS/h	100-300	150-400	250-600	500-1200	800-1500	1100-2000

See the dimension and application charts overleaf



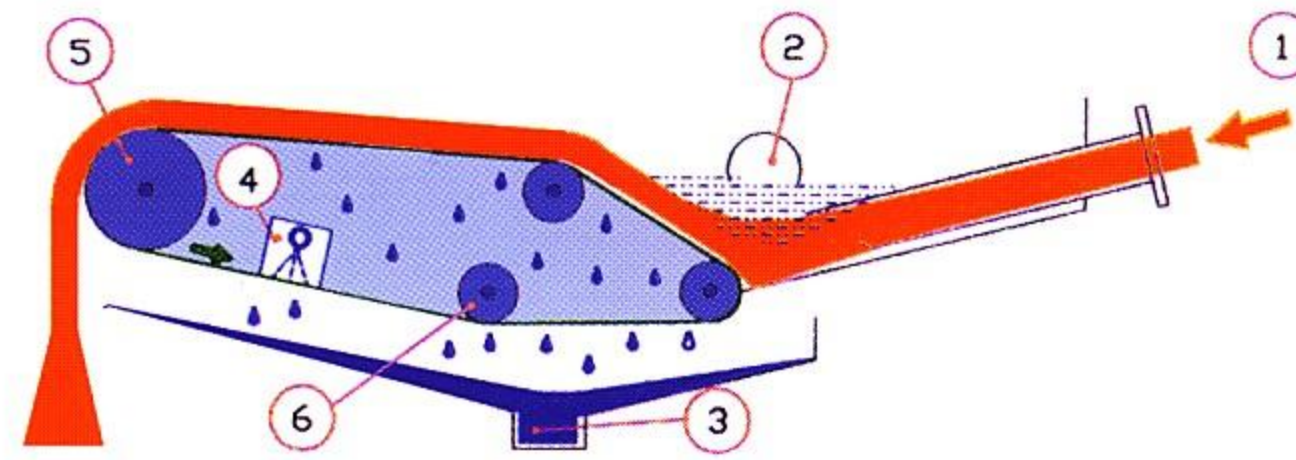
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L-P Belt Thickener

L-P SLUDGE FLOW DIAGRAM



1. sludge feeding
2. overflow pipe
3. filtrate discharge
4. belt washing system
5. drive roller
6. belt steering roller

L-P L DIMENSION CHART

Models	L-P 7 L	L-P 11 L	L-P 16 L	L-P 21 L	L-P 26 L	L-P 31 L
Length mm	2440	2440	2440	2440	2440	2440
Width mm	1240	1640	2180	2700	3200	3700
Height mm	1000	1000	1000	1000	1000	1000
Weight kg	400	500	600	900	1100	1400
Power kW	0,25	0,25	0,55	1,1	1,1	1,1

TYPICAL APPLICATIONS:

Municipal water and waste water treatment plants
Pulp & Paper Industry
Food industry
Mining & Metal Industry
Chemical industry
Tanneries

DWT-Engineering reserves the rights to alter these specifications.

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Your representative: