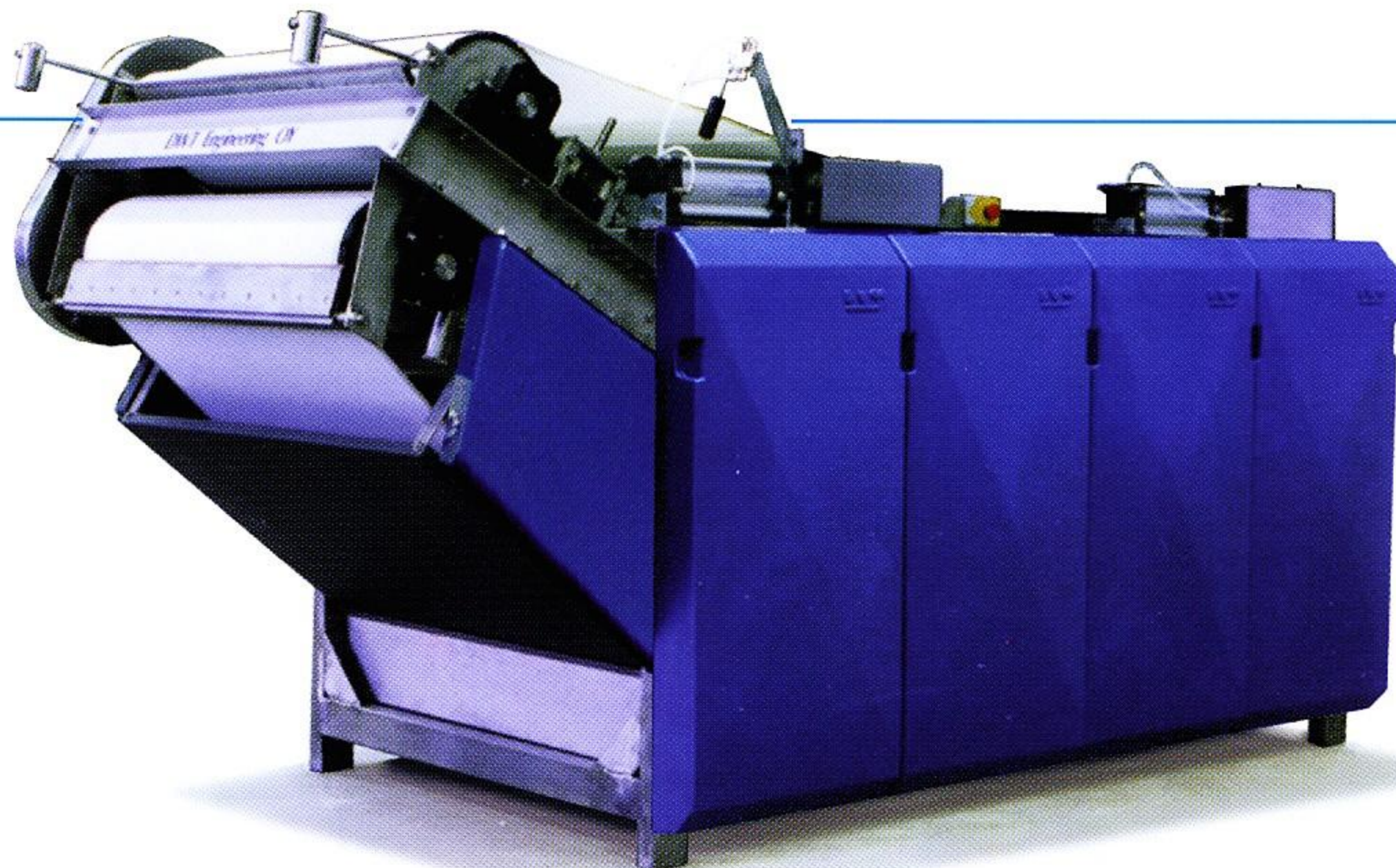




**WATER &
WASTE WATER
TREATMENT
SYSTEMS**

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.

H-P High Pressure Belt Filter Press



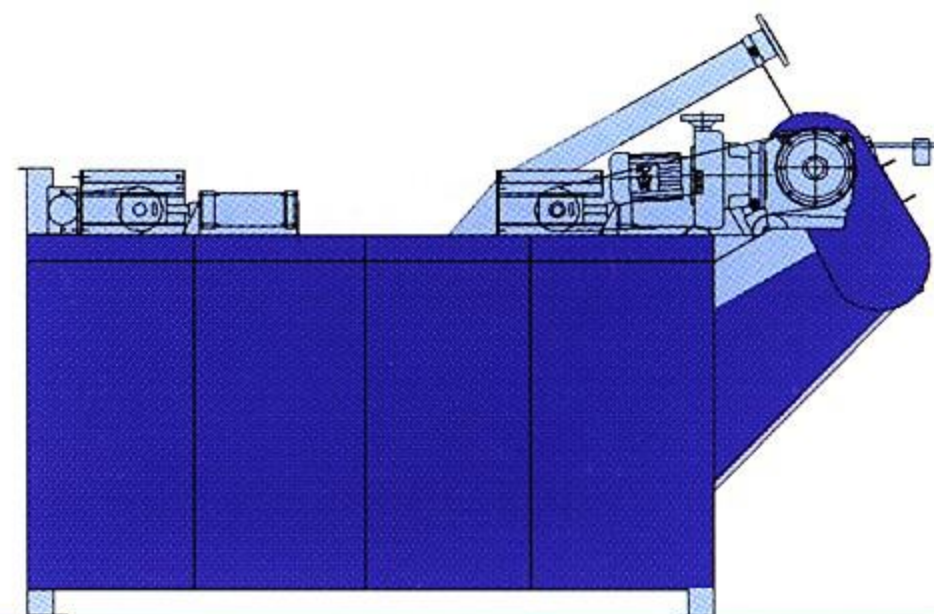
The Dewa H-P belt filter press is a high pressure heavy duty sludge press for fibre, mechanical and mixed sludges with high infeed concentration (e.g. > 6%). H-P press can easily reach over 35% DS concentration with fibre and mixed fibre/biological sludges. This means that the dewatered sludge can be incinerated. Best possible materials such as specially woven belt fabrics, all stainless steel frame construction and high precision roller mechanism makes it robust, reliable and long lasting. 4 different belt width alternatives guarantees that you can choose just the right unit for your application. High throughput, unique stress-free construction and excellent dewatering results makes it a profitable investment. This press is an ideal choice for industrial and municipal use when extremely high DS concentrate is required.

- **Compact and efficient**
- **High DS output**
- **High quality corrosion-free materials and components**
- **Flexible and easy to use**
- **4 standard models**
- **Can be equipped with separate predewatering unit**
- **Wide range of application**
- **Low maintenance costs**
- **Low energy consumption compared with the results**

H-P CAPACITY CHART

Models	H-P 7	H-P 11	H-P 16	H-P 21
Belt widths	70	110	160	210
Effective filtration area m ²	6,3	9,8	14,2	18,7
Sludge flow m ³ /h	2-5	3-8	5-12	8-18
DS capacity kg DS/h	100-250	150-500	250-700	400-1000

See the dimension and application charts overleaf



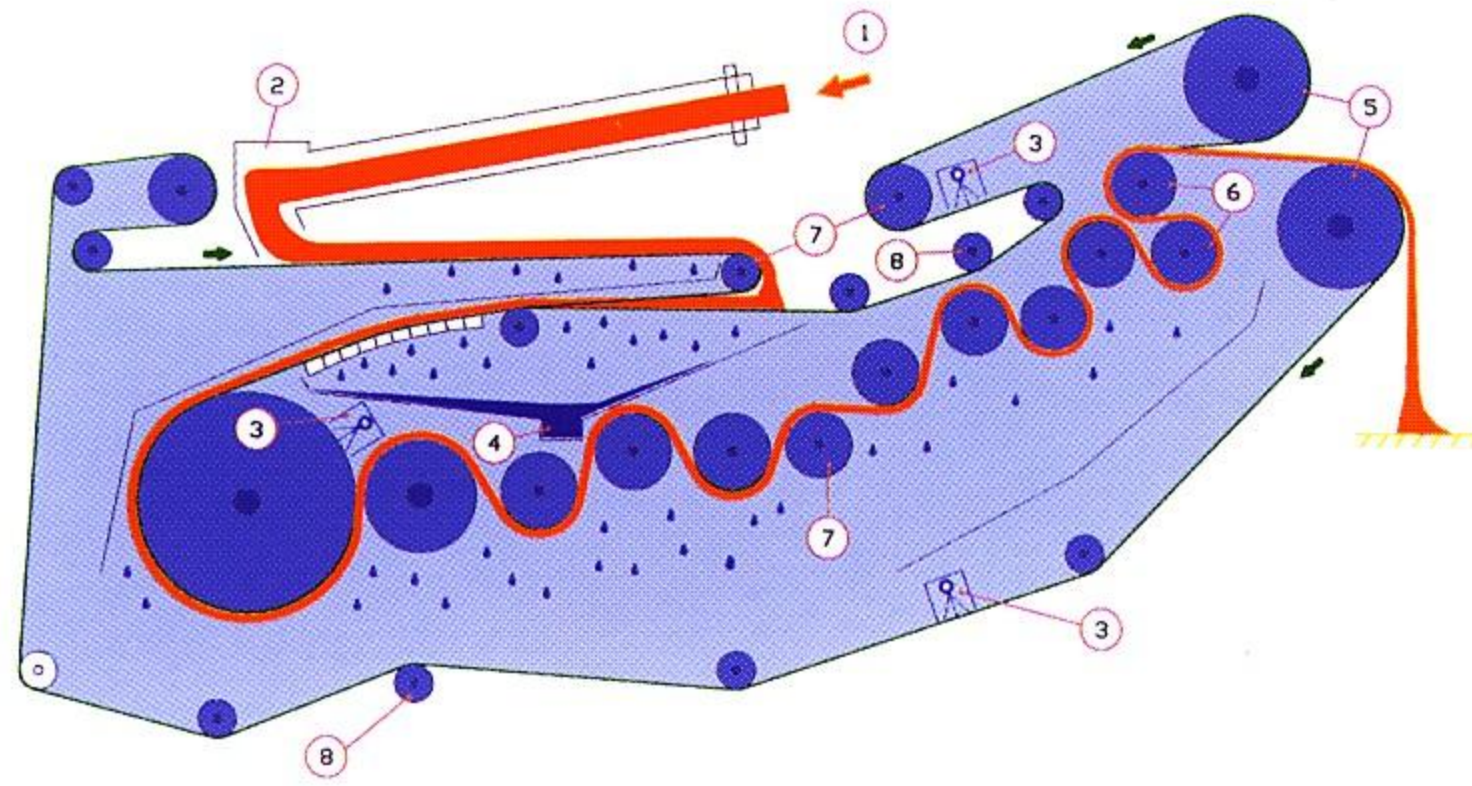
DWT-ENGINEERING OY

23800 Laitila Finland,
tel. +358-(0)2-461 800,
fax+358-(0)2-461 8400



H-P Belt Filter Press

H-P SLUDGE FLOW DIAGRAM



- 1. sludge feeding
- 2. chute
- 3. belt washing system
- 4. filtrate discharge
- 5. drive rollers
- 6. pressing rollers
- 7. belt tensioning rollers
- 8. belt steering rollers

H-P DIMENSION CHART

Models	H-P 7	H-P 11	H-P 16	H-P 21
Length mm	3550	3550	3550	3550
Width mm	1400	1800	2300	2800
Height mm	1900	1900	1900	1900
Weight kg	2100	2500	3000	3900
Power kW	2,2	2,2	3,0	4,0

NOTE: The dimensions are given without filtrate tray and mounting bed

TYPICAL APPLICATIONS:

- Municipal waste water treatment plants
- Mining and metal industry
- Pulp & Paper Industry
- Processing and waste water treatment plants of food industry

DWT-Engineering reserves the rights to alter these specifications.

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Your representative: