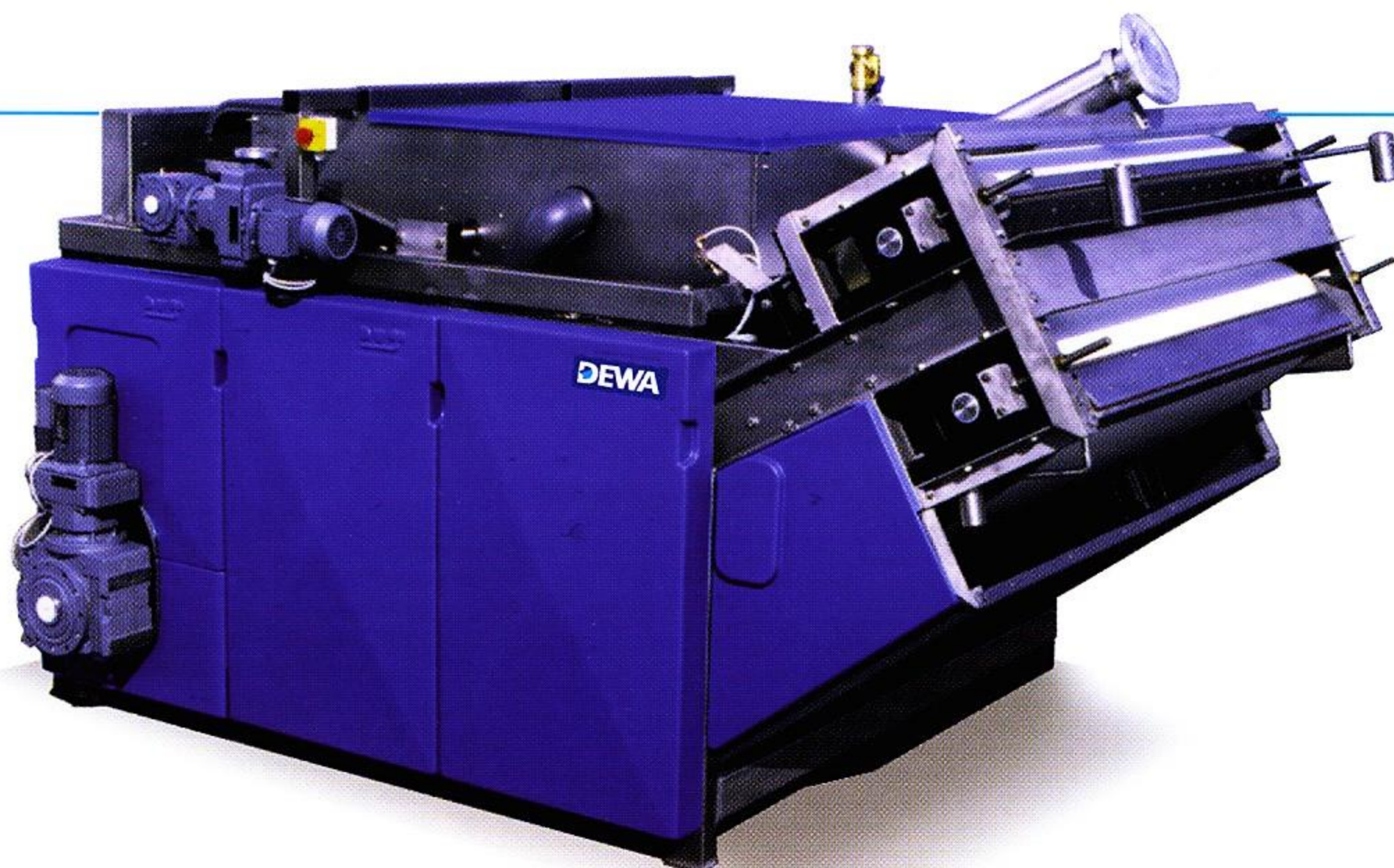




ADVANCED  
SLUDGE  
TREATMENT  
TECHNOLOGY

DWT-Engineering is a Finnish high-tech company specialising in designing, manufacturing and marketing efficient sludge 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.

## N-PD L Belt Filter Press with Predewatering Unit



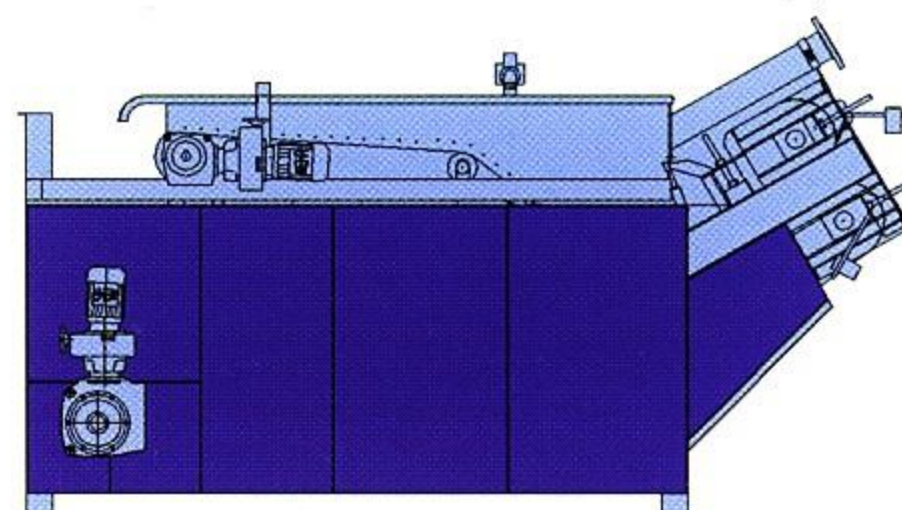
The Dewa N-PD L belt filter press is the flexible solution for various kinds of sludge dewatering processes. The standard units are always equipped with predewatering unit. Therefore it can handle infeed concentration from 1 to 8%. By installing a larger predewatering unit it is possible to handle even lower infeed concentration (e.g. biologically activated surplus sludge at 0.3%.) Due to this advantage the hydraulic capacity as well as DS outlet are still considerably high. This also allows that the sludge to be pumped straight from secondary settling or aeration tank and therefore conventional thickening tanks can be omitted. Even better, the separate belt drive systems of the predewatering zone and the pressing zone enable to select belt type with right mesh and belt speed for both zones accordingly. In the pressing zone it is also possible to select 4 different routes for the belts, which makes this press even more flexible. Best possible materials, all stainless steel frame construction and high precision roller mechanism makes it robust, reliable and long lasting. 6 different belt width alternatives and extreme flexibility makes this press an excellent choice.

- Economical, compact, yet efficient
- High quality corrosion-free materials and components
- Flexible and easy to use
- 6 standard models
- Equipped with separate predewatering unit
- Wide range of application
- Low maintenance costs
- Low energy consumption

### N-PD L CAPACITY CHART

Models	N-PD7L	N-PD11L	N-PD16L	N-PD21L	N-PD26L	N-PD31L
Belt widths	70	110	160	210	260	310
Effective filtration area m <sup>2</sup>	5,6	8,8	12,9	17	21,1	25,0
Sludge flow m <sup>3</sup> /h	3-8	5-12	8-20	15-35	20-50	25-60
DS capacity kg DS/h	250	150-400	250-600	400-1000	700-1500	900-2000

See the dimension and application charts overleaf

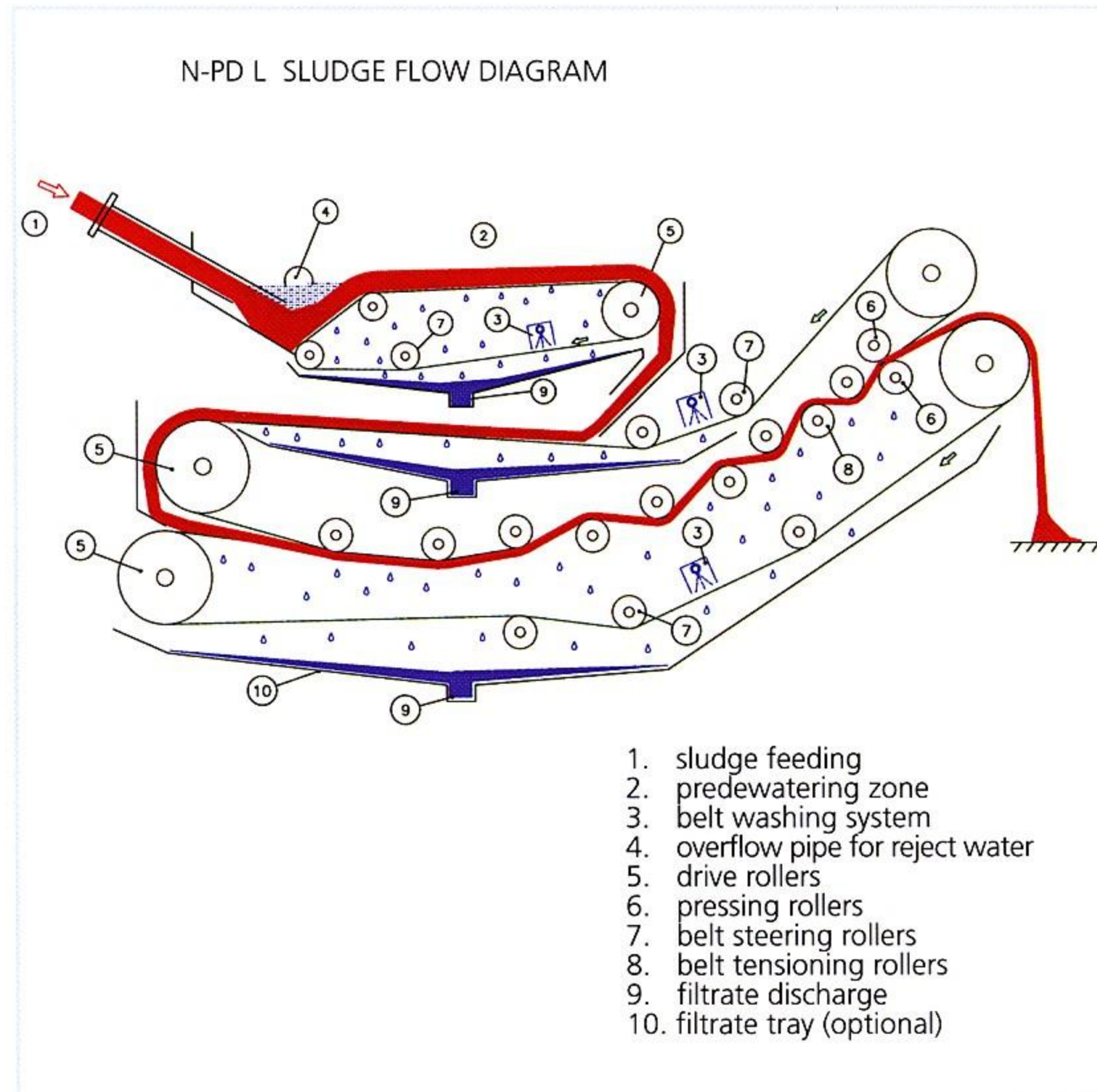


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# N-PD L Belt Filter Press



## N-PD L DIMENSION CHART

Models	N-PD7L	N-PD11L	N-PD16L	N-PD21L	N-PD26L	N-PD31L
Length mm	3400	3400	3400	3400	3400	3400
Width mm	1450	1900	2400	2900	3400	3900
Height mm	1950	1950	1950	1950	1950	1950
Weight kg	1400	1700	2200	2900	3400	4000
Power kW	0,5	0,5	0,8	1,47	1,47	2,5

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

## 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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