



Advantages

DEWA N-PD L "Universal" Belt Filter Press

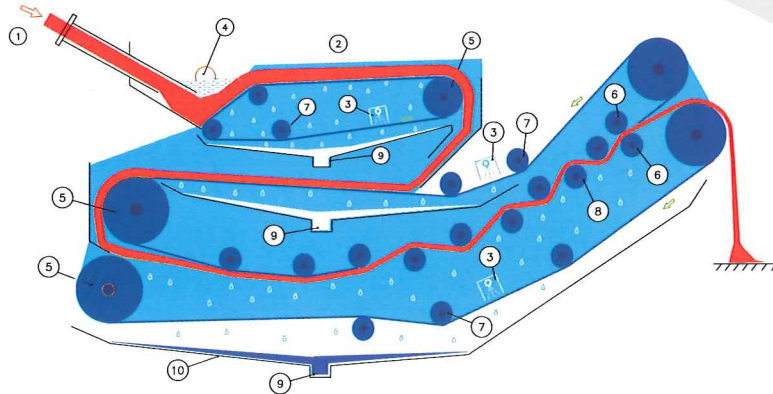
The DEWA N-PD L "Universal" belt filter press is the most flexible solution for any type of sludge dewatering application. It has an independent gravity belt thickener which allows the adjusting of the belt speed as well as the type of the gravity section belt independently. It is also possible to select four different belt routes for the pressing belts, which makes this unit more flexible.

Best possible materials, stainless steel frame and rollers make it robust, reliable and long lasting. 6 standard models with belt width alternatives from 0,7m to 3m are available.

- ➔ Economical, compact, yet efficient
- ➔ High quality corrosion-free materials and components
- ➔ Flexible and easy to operate
- ➔ 6 standard models
- ➔ Inbuilt belt thickener with separate drive
- ➔ Wide range of application both municipal and industrial applications
- ➔ Low energy consumption
- ➔ Customer satisfaction guaranteed



**N-PD L
SLUDGE FLOW
DIAGRAM**



1. Sludge Feeding
2. Predewatering Zone
3. Belt Washing System
4. Overflow Pipe for Reject Water
5. Drive Rollers
6. Pressing Rollers
7. Belt Steering Rollers
8. Belt Tensioning Rollers
9. Filtrate Discharge
10. Filtrate Tray (Optional)

N-PD L CAPACITY CHART

MODELS	N-PD7L	N-PD11L	N-PD16L	N-PD21L	N-PD26L	N-PD31L
Belt width mm	700	1100	1600	2100	2600	3100
Effective filtrate area m ²	6.3	10.1	14.8	19.5	24.2	29.0
Sludge flow m ³ /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

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

DWT-Engineering Oy receives the rights to modify these specifications

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