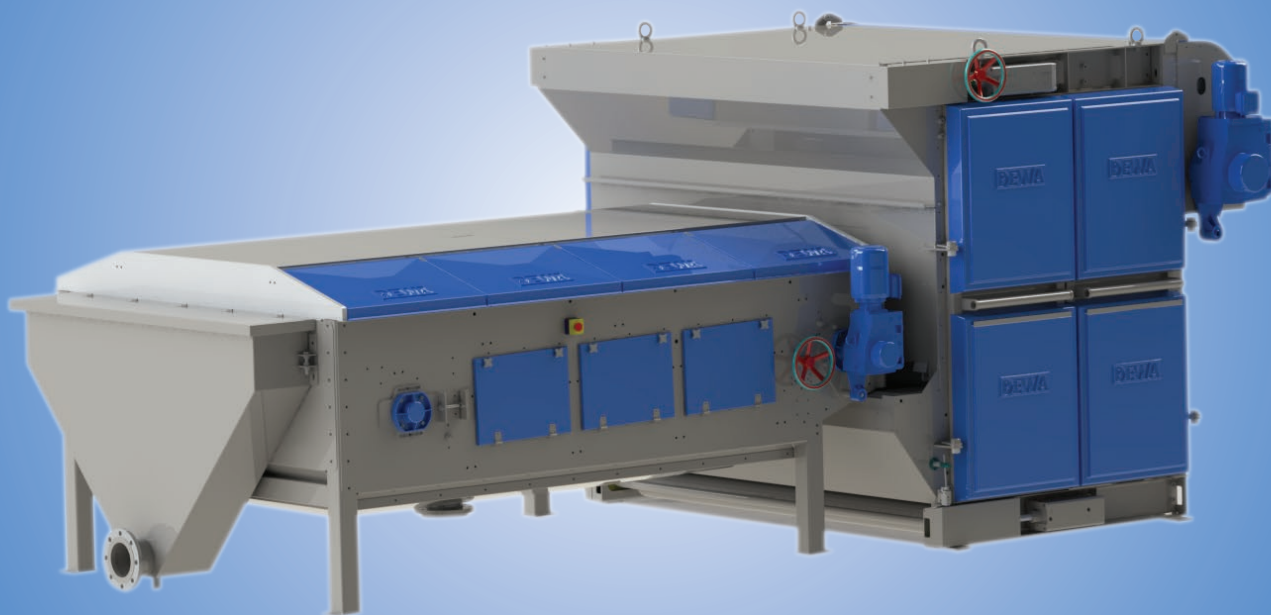




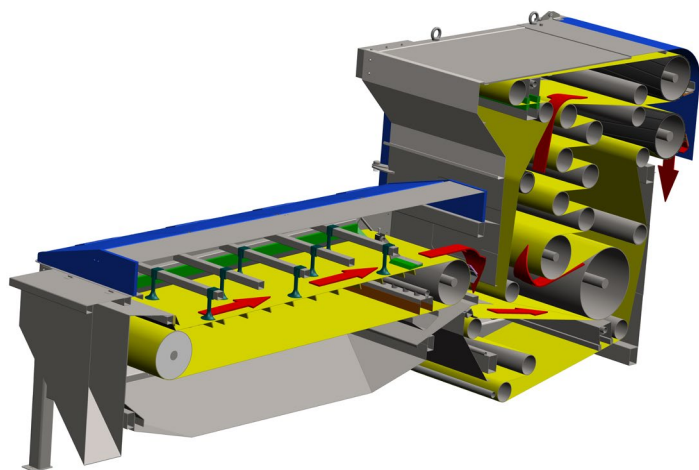
DEWA VPD COMBO

BELT FILTER PRESS



DEWA VPD COMBO

BELT FILTER PRESS



MORE FEATURES - MORE ABILITIES - MORE BENEFITS

DEWA VPD COMBO provides more possibilities for sludge dewatering. It is the newest member in DEWA Belt Filter Press family. DEWA VPD COMBO consists separate high quality thickening and dewatering units. The design combines and extends the best features and abilities of the previous DEWA Belt Filter Presses models. New configuration design maximizes the user friendliness, efficiency and performance.

Horizontal Gravity Thickener, DEWA HGT, has enclosed stainless steel body structure and the top cover is equipped with handy and user-friendly high-grade plastic hatches. Floor level positioning enables the effective use without high service platforms. DEWA HGT is available in various sizes, providing optimal equipment selection for client's process parameters.

Vertical Dewatering Press, DEWA VDP, is an effective, compact and enclosed dewatering booth. The configuration and wide high-grade plastic salon doors in each side enable easy access to the important components of the press. Extended, vertical pressing zone brings the maximum dryness of the sludge cake.

VPD COMBO CAPACITY AND DIMENSION TABLE
(With short HGT thickener)

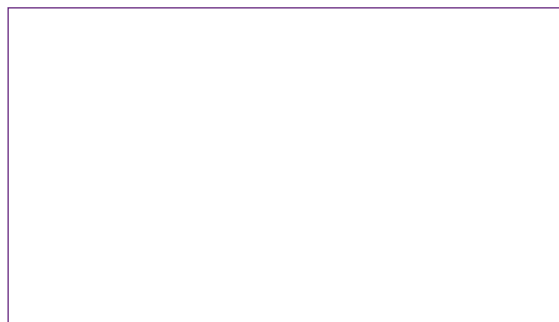
MODEL	VPD 11 Combo S	VPD 16 Combo S	VPD 21 Combo S	VPD 26 Combo S
Effective pre-dewatering, m2	2,8	4,0	5,3	5,3
Effective pressing area, m2	8,7	12,7	16,6	20,6
Sludge flow, m3/h	5-25	10-35	15-45	20-65
DS Capacity, kg DS/h	150-500	250-750	350-1000	450-1250
Length, mm	5750	5750	5750	5750
Width, mm	2200	2700	3250	3750
Height, mm	2400	2400	2400	2400
Weight, kg	3500	4200	4900	5500
Power, kW	1,85	1,85	2,2	2,2

VPD COMBO CAPACITY AND DIMENSION TABLE
(With long HGT thickener)

MODEL	VPD 11 Combo L	VPD 16 Combo L	VPD 21 Combo L	VPD 26 Combo L
Effective pre-dewatering, m2	4,4	6,4	8,4	8,4
Effective pressing area, m2	8,7	12,7	16,6	20,6
Sludge flow, m3/h	10-35	20-45	30-65	40-90
DS Capacity, kg DS/h	150-500	250-750	350-1000	450-1250
Length, mm	7250	7250	7250	7250
Width, mm	2200	2700	3250	3750
Height, mm	2400	2400	2400	2400
Weight, kg	3800	4550	5300	5900
Power, kW	2,25	2,25	2,6	2,6

Key Features

- Separate thickener and press, which can be supplied separately
- Floor level positioning and user-friendly configuration
- Totally enclosed structures
- Large and powerful pressing zone
- Separate tensioning for all the belts
- Easy accessibility for components and media
- Easy maintenance and good spare part availability
- High quality corrosion resistant materials and components
- Low energy consumption
- Optimal equipment selection according to the customer's needs
- Applicable for all sludge types
- Available with several accessories
- Low costs in logistics



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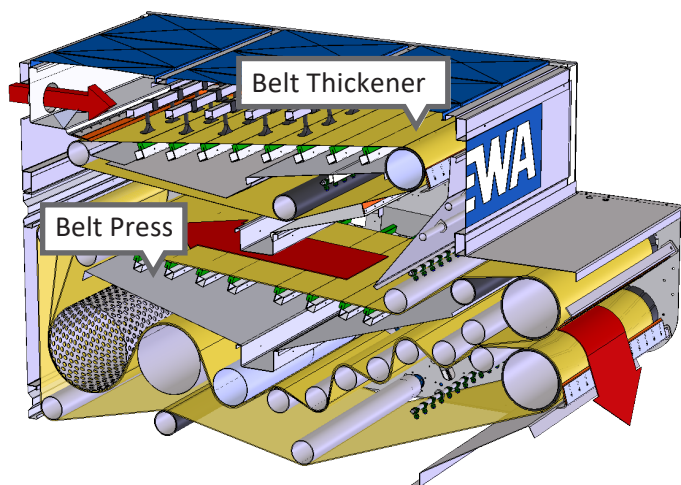


DEWA F-PD BELT FILTER PRESS



DEWA F-PD

BELT FILTER PRESS



DEWA FPD multi-stage series sludge dewaterer is a combination of BTN (Heavy duty belt thickener) and FP (belt filter press), designed for the most demanding and large capacity applications.

The FPD multi-stage dewaterer is easy to modify according to characteristics of sludge as well as throughput and cake solids requirements.

Every component is made of stainless steel or plastic material which is highly resistant to most corrosive media. All electrical, pneumatic components and bearings are located outside of the enclosure frame which makes easier to maintain without interrupting the unit operation.

The enclosed construction of the FPD belt filter press enables to contain the odor within the machine, so it's rather easy to extract the fumes via ventilation connection located at top of the unit. This advanced design concept creates clean and odor free working environment.

FPD CAPACITY AND DIMENSION TABLE

MODEL	FPD 11	FPD 16	FPD 21	FPD 26	FPD 31
Belt width, mm	1100	1600	2100	2600	2600
Effective filtrate area m ²	12,5	18	25,5	30	36
Sludge flow, m ³ /h	5-20	8-30	12-40	20-60	30-80
DS capacity, kg DS/h	100-400	250-600	300-800	400-1000	600-1200
Length, mm	3400	3400	3400	3400	3400
Width, mm	1910	2410	2950	3450	3950
Height, mm	2130	2130	2130	2130	2130
Weight, kg	2200	2900	4000	4400	5000
Power, kW	1,12	1,12	2,05	2,05	2,05

FP-BTN CAPACITY AND DIMENSION TABLE

MODEL	FP-BTN 1035	FP-BTN 1535	FP-BTN 2035	FP-BTN 2535	FP-BTN 3035
Belt width, mm	1100	1600	2100	2600	2600
Effective filtrate area m ²	14	21	28	35	42
Sludge flow, m ³ /h	10-30	15-45	20-60	30-80	40-100
DS capacity, kg DS/h	100-400	200-600	300-800	400-1000	500-1200
Length, mm	5300	5300	5300	5300	5300
Width, mm	1950	2450	2950	3450	3950
Height, mm	2300	2130	2130	2130	2130
Weight, kg	2400	3200	4000	4800	5500
Power, kW	1,85	1,85	3,00	3,00	4,40

Key Features

- Large gravity thickening area for high flow rates
- Enclosed construction enables effective odor ventilation
- Components located outside of the unit for easy access
- Low investment and operational costs
- For any sludge dewatering application
- Low energy consumption
- Economical and compact, yet efficient
- Fast and very affordable spare parts
- Build in gravity thickener with separate filter belt and drive unit
- Separate variable frequency drives for thickening and dewatering
- High quality corrosion resistant material and components
- Suitable for both municipal and industrial applications

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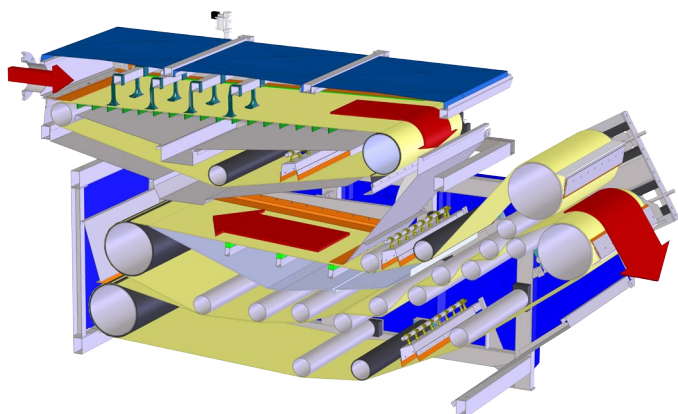


DEWA N-PD XL "UNIVERSAL" BELT FILTER PRESS



DEWA N-PD XL

"UNIVERSAL" BELT FILTER PRESS



DEWA N-PD XL belt filter press is the most flexible solution for any type of sludge dewatering applications. N-PD XL belt filter press is combination of belt thickener and belt press. Drive units for both functions are equipped with frequency speed inverter. Both functions have individual pneumatic steering and tensioning systems. Spray cleaning for each belt separately can be done by standard nozzle pipes or with brush pipes.

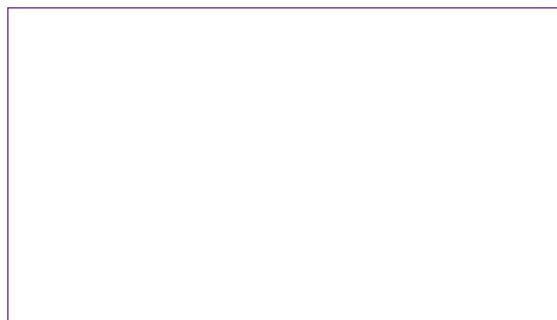
Every component is made of stainless steel or high grade plastic material which is highly resistant to most corrosive media. This combined with easy access and maintainability vital parts guarantees reliable operation and very long lifespan product which will last decades.

N-PD XL CAPACITY AND DIMENSION TABLE

MODEL	N-PD7 XL	N-PD11 XL	N-PD16 XL	N-PD21 XL	N-PD26 XL	N-PD31 XL
Belt width, mm	700	1100	1600	2100	2600	3100
Effective filtrate area, m ²	6,3	10,1	14,5	19,5	24,2	29
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
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

Key Features

- Low investment and operational costs
- For any sludge dewatering application
- Low energy consumption
- Economical and compact, yet efficient
- Large light weight covers prevent spills and grants easy access for maintenance
- Fast and very affordable spare parts
- Build in gravity thickener with separate filter belt and drive unit
- Separate variable frequency drives for thickening and dewatering
- High quality corrosion resistant material and components
- Suitable for both municipal and industrial applications



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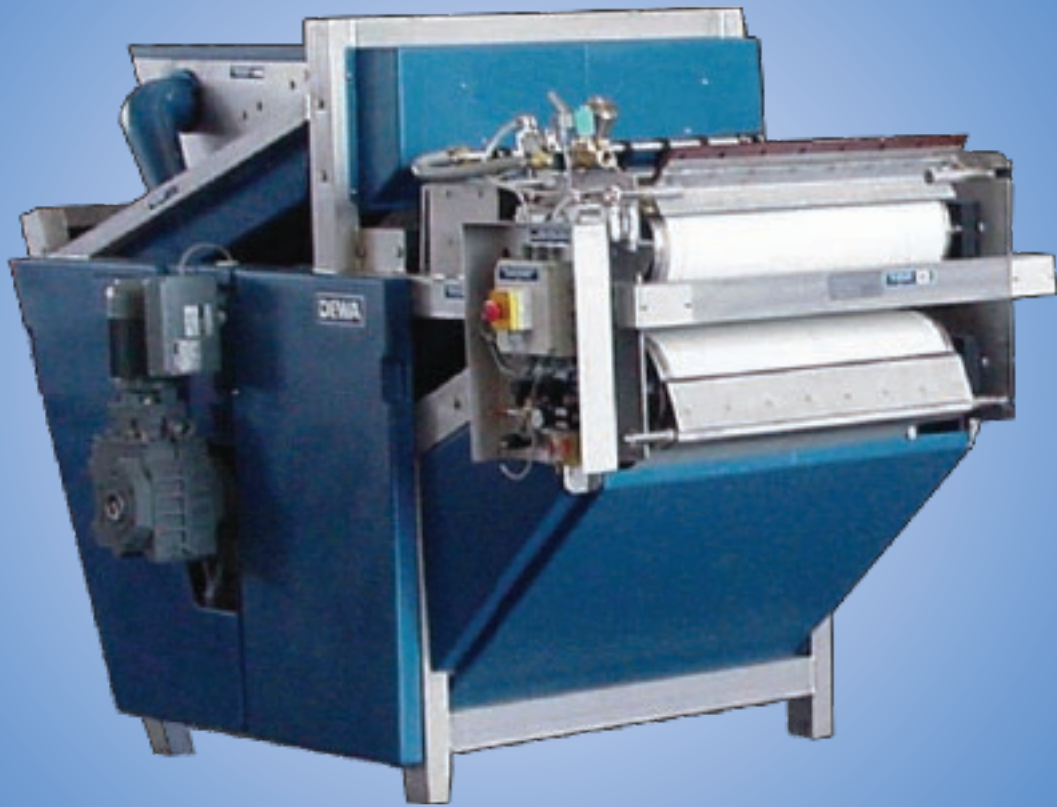
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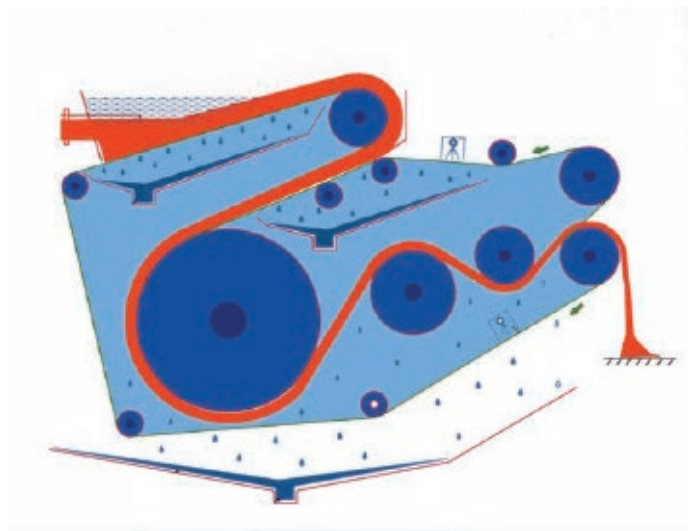


DEWA P-C MINI" BELT FILTER PRESS



DEWA P-C

MINI" BELT FILTER PRESS



The DEWA P-C "Mini" sludge dewatering unit is ideal for small-scale sludge dewatering applications.

This compact twin belt design has a small gravity thickening zone followed by wedge and pressing zone.

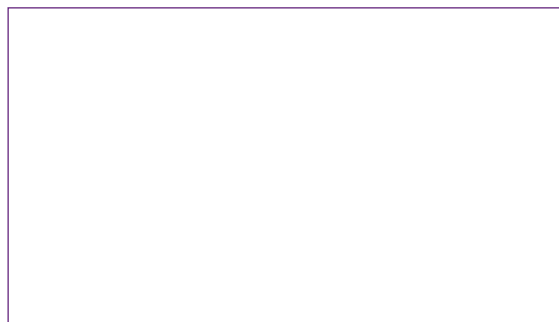
In process principle "Mini" imitates its big brothers, DEWA N-PD XL and FPD. In performance "Mini" will reach the lower dewatering requirements and is particularly applicable for industrial sludge types.

The "Mini" is available in three different sizes with standard belt widths of 0.7m, 1.1m and 1.6m. The best possible materials, the stainless steel frame and rollers make it robust, reliable and long lasting. "Mini" is the most economical choice for applications with low throughput requirements.

MODEL	P-C7	P-C11	P-C16
Belt width, mm	700	1100	1600
Effective filtrate area, m ²	3,3	5,3	7,5
Sludge flow, m ³ /h	0,5-4,0	3,0-7,0	6,0-10,0
DS capacity, kg DS/h	50-150	100-250	200-400
Length, mm	2150	2150	2150
Width, mm	1350	1750	2250
Height, mm	1650	1650	1650
Weight, kg	700	900	1200
Power, kW	0,37	0,37	0,55

Key Features

- Economical and compact dewatering solution Small space requirements
- Easy to operate
- Three different model sizes
- Integrated gravity section
- Suitable particularly for industrial applications
- Low energy consumption
- High quality stainless steel material and components



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