



BELT FILTER PRESS

BELT THICKENER

DRUM THICKENER

POLYMER STATION

BELT SCREEN

PISTON PUMP

PLATE FILTER PRESS

FILTER BAGS

CONVEYORS

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BELT THICKENERS WITH PNEUMATIC BELT CENTERING

P

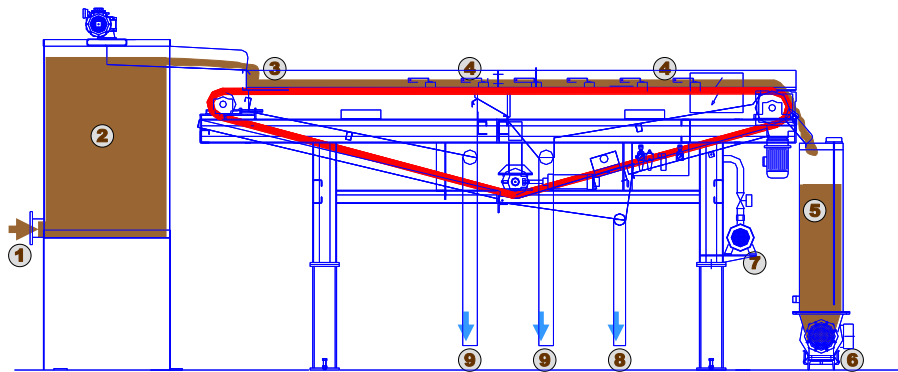
DESIGN

- n. 3 rollers: -Tensioning roller by mechanic system.
- Centering roller by pneumatic system.
- Motorized roller lined with rubber.
- Feeding reactor cylinder with vertical stirrer
- Belt washing pump on board
- n. 6 rows of ploughs
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Sludge inlet
- 2 - Reactor cylinder
- 3 - Distribution tank
- 4 - Dewatering area with ploughs
- 5 - Thickened sludge hopper
- 6 - Thickened sludge pump
- 7 - Washing pump
- 8 - Wash water outlet
- 9 - Filtrate discharge



MODELS AND SPECIFICATIONS

Models	Sludge capacity m ³ /h	Belt width mm	Belt washwater m ³ /h	Belt thickener power kW	Washpump power kW	Empty weight kg
P 9-3	14÷24	1000	3,6	0,75	4	1000
P 11-3	18÷30	1200	4,4	0,75	4	1200
P 13-3	21÷36	1400	5,3	0,75	4	1400
P 16-3	27÷45	1700	6,3	1,1	4	1900
P 18-3	30÷51	1900	7,0	1,1	5,5	2000
P 21-4	36÷60	2200	8,6	1,5	5,5	2300
P 23-4	39÷66	2400	9,6	1,5	5,5	2400
P 26-4	45÷75	2700	10,3	1,5	5,5	2500
P 28-4	48÷81	2900	11,2	1,8	7,5	2600
P 31-4	54÷90	3200	12,5	2,2	7,5	2700

OPTIONS

- Belt drive unit with control by hand-wheel or inverter
- Structure to increase height made of galvanized steel or stainless steel
- Hopper to convey the sludge into thickened sludge pump
- Possibility of construction in galvanized steel or stainless steel





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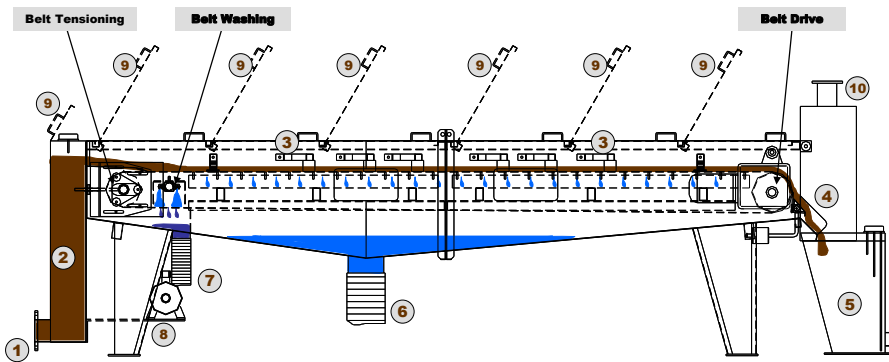


**BELT THICKENERS WITH MECHANIC
BELT CENTERING**

P-S

DESIGN

- n. 2 rollers: -Tensioning roller by mechanic system.
- Motorized roller lined with rubber.
- Belt washing pump on board
- n. 6 rows of ploughs
- Covers and air suction flange
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Sludge inlet
- 2 - Feeding reactor tank
- 3 - Gravity drainage with rows of ploughs
- 4 - Outlet of thickened sludge
- 5 - Thickened sludge hopper
- 6 - Outlet of filtrate
- 7 - Outlet of wash-water
- 8 - Washing pump
- 9 - Opening covers
- 10 - Air suction hood

MODELS AND SPECIFICATIONS

Models	Sludge capacity m ³ /h	Belt width mm	Belt washwater m ³ /h	Belt thickener power kW	Washpump power kW	Empty weight kg
P 8-3S	10÷20	800	2,5	0,55	4	500
P 10-3S	14÷24	1000	3,6	0,75	4	800
P 12-3S	18÷30	1200	4,6	0,75	4	1000
P 15-3S	21÷36	1500	5,9	0,75	4	1200
P 17-3S	27÷45	1700	6,4	1,1	4	1600
P 20-4S	30÷51	2000	7,8	1,1	5,5	1800
P 22-4S	36÷60	2200	8,6	1,5	5,5	2000
P 25-4S	39÷66	2500	9,9	1,5	5,5	2100
P 27-4S	45÷75	2700	10,4	1,8	5,5	2200
P 32-4S	54÷90	3200	12,3	2,2	7,5	2400

OPTIONS

- Belt drive unit with control by hand-wheel or inverter
- Sludge feeding with Reactor cylinder or Overturned pyramid tank (feeding tank)
- Structure to increase height made of galvanized or stainless steel
- Hopper to convey the sludge into thickened sludge pump
- Possibility of construction in AISI 304L or AISI 316L stainless steel





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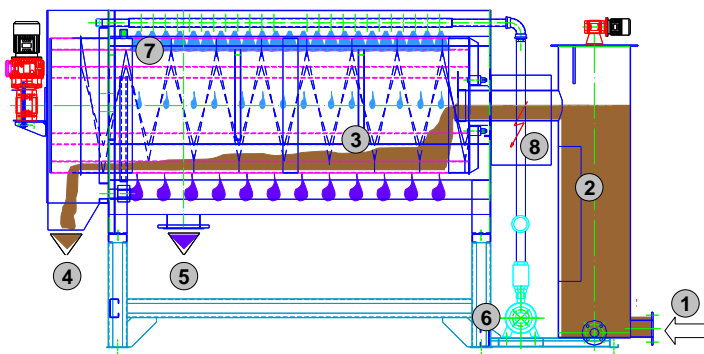


**DRUM THICKENERS WITH
INTERNAL SCREW
BR**



DESIGN

- Drum with internal screw
- Reactor cylinder with stirrer
- Belt washing pump on board
- Self cleaning nozzles
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Sludge inlet
- 2 - Reactor cylinder
- 3 - Gravity drainage drum
- 4 - Outlet of thickened sludge
- 5 - Outlet of filtrate
- 6 - Washing pump
- 7 - Belt washing bar
- 8 - Electric local control panel

MODELS AND SPECIFICATIONS

Models	Sludge capacity m ³ /h	Drum diameter- drum length mm	Belt washwater m ³ /h	Drum thickener power kW	Washpump power kW	Empty weight kg
BR 10	3÷15	700-800	0,6	0,55	3,0	400
BR 20	5÷25	700-1500	1,0	0,55	4,0	600
BR 30	10÷40	900-2500	1,5	2,2	4,0	1300
BR 50	20÷70	900-3500	2,2	2,2	5,5	1600
BR 70	40÷90	1400-3500	2,2	2,2	5,5	2200
BR 100	50÷130	1400-4500	2,8	2,2	7,5	2600

OPTIONS

- Drum drive unit with control by hand-wheel or inverter
- Stirrer of reactor cylinder with fixed or variable RPM
- Structure to increase height made of galvanized or stainless steel
- Hopper to convey the sludge into thickened sludge pump
- Possibility of construction in AISI 304L or AISI 316L stainless steel

