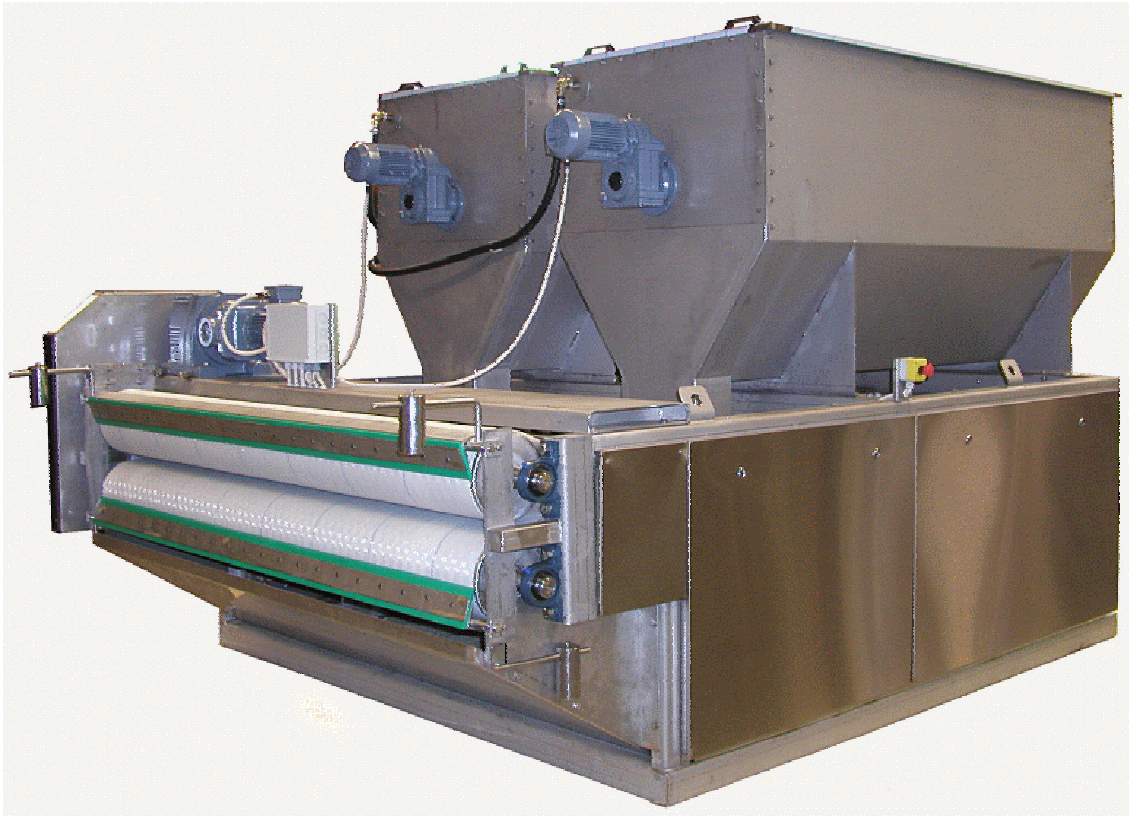


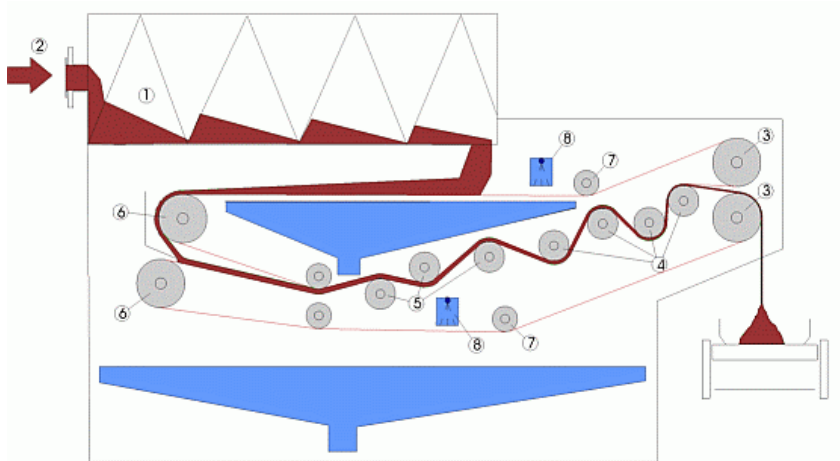
AJV-ENGINEERING

Filter Belt Presses
With Drum Thickener



BFP-D SERIES

LS10B-D DEWATERING FLOW DIAGRAM



1. Predewatering Drum
2. Sludge feeding
3. Drive rollers
4. High pressing rollers
5. Low pressing rollers
6. Belt tensioning rollers
7. Tracking rollers
8. Belt washing system
9. Filtrate discharge

TECHNICAL DATA

TYPE	BFP 700 D	BFP 1100 D	BFP 1600 D	BFP 2100 D	BFP 2600 D
Length, mm	3650	3650	3650	3650	3650
Width, mm	1100	1550	2050	2550	3050
Height, mm	2200	2200	2200	2200	2200
Belt width mm	700	1100	1600	2100	2600
Weight kg	1300	1600	2200	2600	3200
power, kW	1,47	1,47	2,2	3,3	3,7

Materials

Frame	Stainless steel
Rollers	Stainless steel
Shafts	Stainless steel
Trays	Stainless steel
Bearings	Merchantable quality

Typical applications are:

- * domestic sewage treatment plants
- * food processing industry
- * textile industry
- * tanneries
- * pulp and paper industry

We have delivered our equipment to clients in:

- * Europe
- * The Far East
- * Eastern Europe
- * Russia
- * Africa
- * South America
- * North America
- * Asia

BFP-D series belt press has been designed for dewatering sludge, having 0,5 - 2 % DS. BFP-D Filter Belt Press has been equipped with pneumatic belt tracking and tensioning. BFP-D Filter Belt Press has separate belt tension system for both belts. BFP-D Filter Belt Press has continually operating wash water system for both belts.

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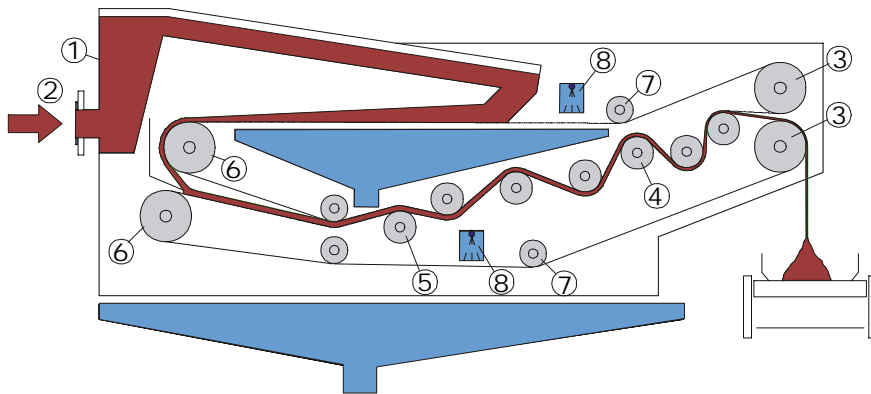
Filter Belt Presses



BFP-SERIES

All Our Solutions are
Customized Not Compromised

BFP DEWATERING FLOW DIAGRAM



1. Sludge feeding tank
2. Sludge feeding
3. Drive rollers
4. High pressing rollers
5. Low pressing rollers
6. Belt tensioning rollers
7. Tracking rollers
8. Belt washing system
9. Filtrate discharge

TECHNICAL DATAS

TYPE	BFP 0,7	BFP 1,1	BFP 1,6	BFP 2,1	BFP 2,6
Length, mm	3200	3200	3200	3200	3200
Width, mm	1100	1500	2000	2500	3000
Height, mm	1500	1500	1500	1500	1500
Belt width mm	700	1100	1600	2100	2600
Weight kg	1000	1300	1700	2000	2800
power, kW	0,37	0,37	1,1	1,1	1,5

Materials

Frame	Stainless steel
Rollers	Stainless steel
Shafts	Stainless steel
Trays	Stainless steel
Bearings	Merchantable quality

Typical applications are:

- * domestic sewage treatment plants
- * food processing industry
- * textile industry
- * tanneries
- * pulp and paper industry

BFP series belt press has been designed for dewatering sludge, having 3 -6 % DS.
 BFP Filter Belt Press has been equipped with pneumatic belt tracking and tensioning.
 BFP Filter Belt Press has separate belt tension system for both belts.
 BFP Filter Belt Press has continually operating wash water system for both belts.

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AJV-Engineering Ky

Belt Filter Press Type BFP..GR

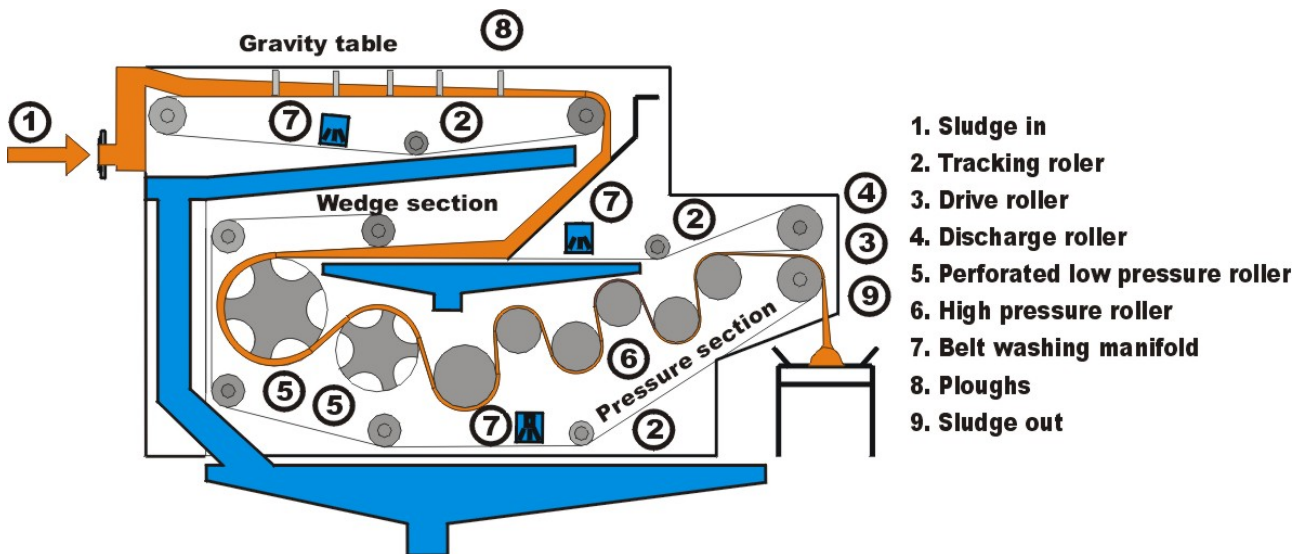


Belt filter press type BFP..GR is specially designed to dewater sludge coming from clarification tank. Typically concentration of sludge is 0.5 – 1.0 % DS.

The flow is up to 50 m³ / 1 m belt width.

The capacity depends very much on the character of sludge and therefore the dimensioning have to ask from the manufacturer.

SLUDGE DEWATERING DIAGRAM



TECHNICAL DATA

TYPE	BFP 1,6 GR	BFP 2,1 GR	BFP 2,6 GR
Length, mm	4100	4100	4100
Width, mm	2300	2800	3300
Height, mm	2700	2700	2700
Weight, kg, in use	3500	4000	5000
Effective belt area, m ²	>13	>17	>21
Belt speed, m/min	2-10	2-10	2-10
Wash water consumption, m ³ /h	13	17	21
Air consumption, l/min	10-15	10-15	10-15
Motor power/ press unit, kW	1,5	2,2	2,2
Motor power / predew. Unit, kW	1,1	1,5	1,5

MATERIAALIT

Frame	Stainless steel	Aisi 304
Rollers	Stainless steel	Aisi 304
Perforated rollers	Stainless steel	Aisi 304
Shafts	Stainless steel	Aisi 304
Trays	Stainless steel	Aisi 304
Bearings	Merchantable quality	

OPTIONS

Bearings	Plastic nest, plastic bush	PE / PE, grease free
Bearings	Plastic nest, roller bearing	PE / merchantable roller
Wash water system	Nozzles with brush	
Totally covered	Includes overall covers	Aisi 304

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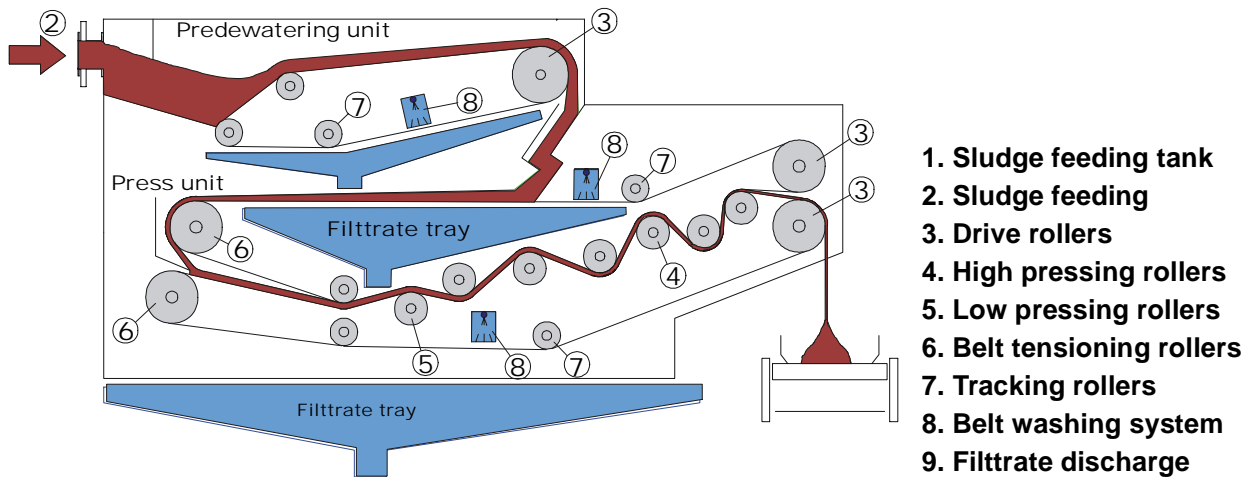
EKOSEP®

BELT FILTER PRESS type BFP-P



BFP-P Series

BFP-P DEWATERING FLOW DIAGRAM



TECHNICAL DATAS

TYPE	BFP 0.7 P	BFP 1.1 P	BFP 1.6 P	BFP 2.1 P	BFP 2.6 P
Length, mm	3200	3200	3200	3200	3200
Width, mm	1100	1500	2000	2500	3000
Height, mm	1700	1700	1700	1700	1700
Belt width mm	700	1100	1600	2100	2600
Weight kg	1300	1700	2200	2600	3500
Power kW	0,74	0,74	1,47	1,47	1,87

Materials

Frame	Stainless steel
Rollers	Stainless steel
Shafts	Stainless steel
Trays	Stainless steel
Bearings	Merchantable quality

Typical applications are:

- * domestic sewage treatment plants
- * food processing industry
- * textile industry
- * tanneries
- * pulp and paper industry

We have delivered our equipment to clients in

- * Europe
- * The Far East
- * Eastern Europe
- * Russia
- * Africa
- * South America
- * North America
- * Asia

BFP-P series belt press has been designed for dewatering sludge, having 1 - 8 % DS.

BFP-P Filter Belt Press has been equipped with Predewatering Unit.

BFP-P Filter Belt Press has been equipped with pneumatic belt tracking and tensioning.

BFP-P Filter Belt Press has separate belt tension system for both belts.

BFP-P Filter Belt Press has continually operating wash water system for both belts.

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AJV-ENGINEERING

EKOSEP®

Mechanical Thickeners



GRB-SERIES

TECHNICAL DATAS

TYPE	GRB 700	GRB 1100	GRB 1600	GRB 2100	GRB 2600
Length, mm	4000	4000	4000	4000	4000
Width, mm	1100	1500	2000	2500	3000
Height, mm	1200	1200	1200	1200	1200
Belt area, m ²	5,1	8	11,6	15,2	18,8
Belt speed, m/min	0,8 - 4,0 or tailor made				

Washwater	GRB 700	GRB 1100	GRB 1600	GRB 2100	GRB 2600
consumption, m ³ /h	1,3	2	2,9	3,8	4,7
required pressure, bar	5 - 6				
fitting size	NS 32				

Pressure air	GRB 700	GRB 1100	GRB 1600	GRB 2100	GRB 2600
consumption, m ³ /h	0,2				
required pressure, bar	8				

Drive motor	GRB 700	GRB 1100	GRB 1600	GRB 2100	GRB 2600
power, kW	0,37	0,37	0,37	1,1	1,1
rpm	1,8 - 8,8				

Materials

Frame	Stainless steel
Rollers	Stainless steel
Shafts	Stainless steel
Trays	Stainless steel
Bearings	Merchantable quality

Typical applications

are:

- * domestic sewage treatment plants
- * food processing industry
- * textile industry
- * tanneries
- * pulp and paper industry

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GT Gravity Tables have been designed for sludges solids content from 0,1% to 1,5 % DS.

Thickened sludge concentration is typically from 5% to 7% DS.

As an optional extra GT Gravity Tables can be equipped with ploughs and pressure plate or roller.

It is possible to reach even from 10% to 12% dry solids with using extra equipment.

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