





- 1940's: original design continuous process
 Area: 5 to 6 m² lead, wood, silk
- 1950's: stainless steels, rubber, plastics
 Area: 60 to 80 m²
- 1960's: area: 160 m²

- 1970's: improve of efficiency and compactness
 Cell with double sloped bottom central aspiration distributor
- 1980's: fast drain cell (3 slopes) increase of capacity
- 1998: active filtration of 225 m²
- 2000: compact central valve (CA or BCA)
- 2001; TDI filter
 prototype started in 2003













CLEARANCE											
■ TDI gain of filtration area ⇒ 30 to 50% of active Classical filters TDI filters											
	Active surface (dry discharge)	75 m²	90 m²	130 m²	75 m²	90 m²	120 m²				
	External diameter	15,9 m	16,7 m	19,9 m	14 m	14,6 m	16,7 m				
	Ground surface	198,5 m²	219 m²	311 m²	153,9 m²	167 m²	219 m²				
	SG/SA	2,64	2,43	2,39	2,05	1,85	1,82				
more compact design (see SG/SA)											

























|--|

	Classical TP	Table Filter	TDI Filter	Belt Filter
Active surface (m ²)	240	236	90	90
Spraying pump (kW)	9	160	5,5	5,5
Driving motor (kW)	30	22	7,5	37
Blowing and drying fans	2 x 3,7		2 x 2,2	
Cake Screw (kW)		37		
TOTAL (kW)	46,4	219	17,4	42,5
Power / m ²	0,193	0,928	0,193	0,472