

Charging Container CFB** - for Simoloyer® auto-batch -

in general

CFB charging container are designed for storing and feeding various bulk materials for Simoloyer® systems at auto-batch operation. Up to four containers are most frequently placed on the auto-batch unit-frame and connected to the rotary vane feeders. Uninterrupted material discharge is supported by the rotating side-stripper with a centrally installed counter-rotating feed-screw. The stripper moves over the inner wall of the container, the feed-screw can be adjusted in installation height to even reach into the rotary vane feeder, thus controlled discharge also for powder and granules with very poor flowability is provided. For feeding grinding media (MediaReloadProcessing), operation is performed without the interior installations.



technical data, dimensions [37]

unit size	CFB030a	CFB050a	CFB100	CFB200
for Simoloyer® auto-batch	CM08-CM100		CM100-CM900	
for rotary vane feeder	ZS40 - ZS100		ZS100 - ZS160	
unit height [mm]	665	865	1010	1510
container diameter [mm]	350		500	
unit diameter [mm]	400		550	
working volume [l]	30	50	100	200
net-weight [kg]	50	57	96	118
port out	DN100		DN160	
port in	NW100		NW160	
ports vacuum/gas (-1)	1x DN16 + 1x DN40		1x DN25 + 1x DN50	
loading max. [kg]	180	300	600	900
bulk density max. [kg/dm³]	6		6	
drive side-stripper/screw	0,15 kW 230/400 V _{AC}		0,50 kW 230/400 V _{AC}	
nominal speed installations	42.7 rpm		29.6 rpm	
position feed-screw	-5/+120mm		-5/+150mm	
operating pressure & temp.	2 bar max., 50 °C max.			
ports & material	standard-KF, stainless steel 1.4301			
definition example	Charging Container CFB050a-1			



options & accessories

• temperature measurement • noise- and vibration-surveillance • container cooling/heating • inspection glass • converter drive • connection Maltoz® / PLC.

