

Fluid Bed Separator System HFS-Skid 2.3 / 4.5



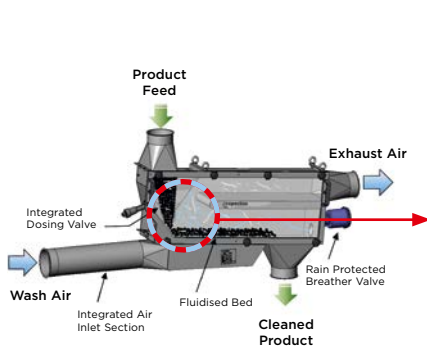
FIRST PLUG AND PLAY SEPARATOR SYSTEM FOR GRANULAR PRODUCTS WORLDWIDE

- _ Ready for immediate operation: Unpack > Install cable and hose connections > Ready to go!
- _ Easy to operate: integrated, user-friendly control system
- _ Easy to integrate: simple connection to a higher-level control system
- _ Flexible: the wide, adjustable throughput range enables the mobile system to be used in different areas of a production plant
- _ Efficient: thorough removal of dust & streamers only requires a small quantity of wash air

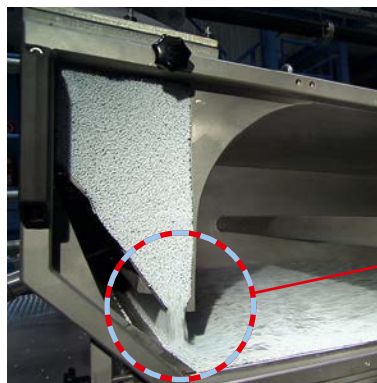


System configuration for direct packaging with associated exhaust air filter

Basic configuration for machine feeding



Operating principle of the HFS



Easy adjustment of the throughput rate with the integrated dosing valve



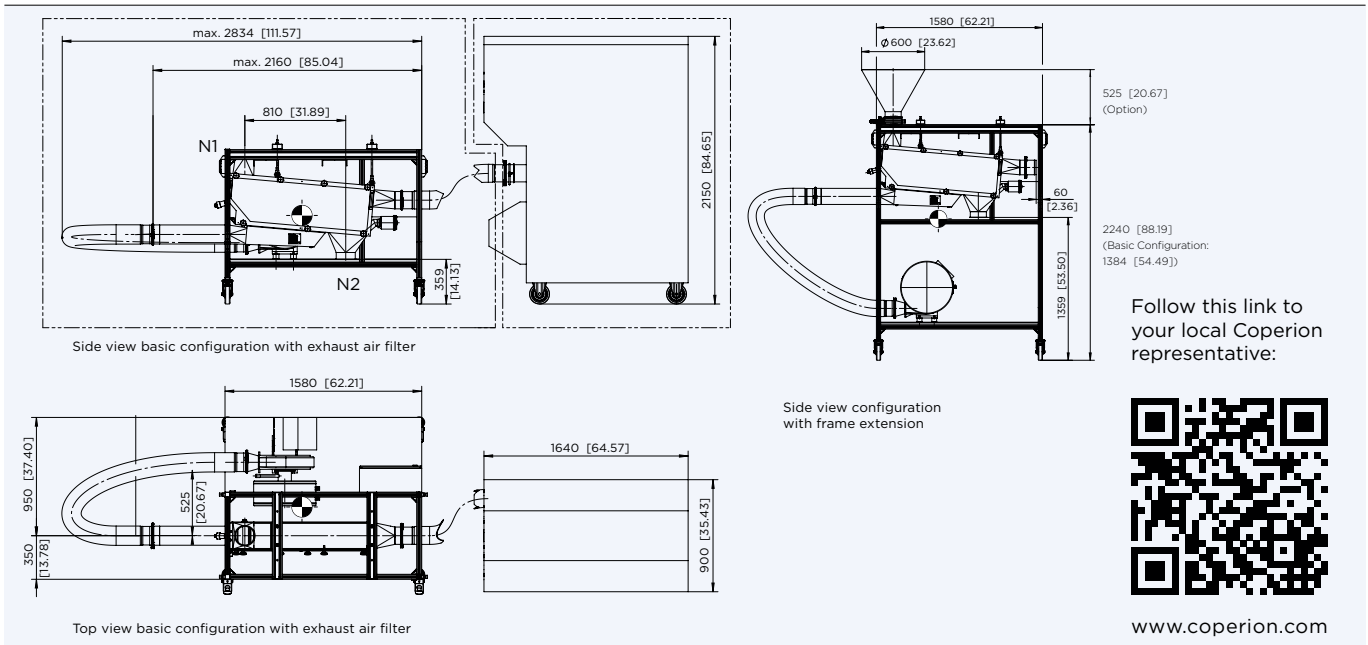
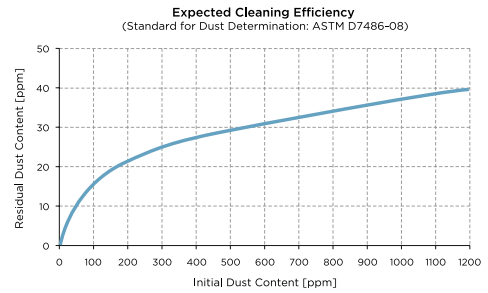
Efficient separation of dust and streamers

FLUID BED SEPARATOR SYSTEM HFS-SKID 2.3/4.5

TYPICAL APPLICATIONS / PRODUCTS

- _ Soft, rubber-type pellets: EVA, POE, EAA, rubber
- _ Brittle pellets: PMMA, PC, coffee beans, nuts
- _ Wear-sensitive pellets: LDPE, LLDPE, EPP, animal feed, wood pellets
- _ Abrasive pellets: glass fiber filled products like PA, PP, PEI / fertilizers

A rental unit is available from Coperion for testing the HFS-Skid on site. Alternatively, trials in the Coperion test center are possible.



Type / size	Nominal diameter		Throughput (Bulk Density 600 kg/m ³ [37.5 lb/ft ³])		Installed Motor Power		Weight	
	N1 Inlet	N2 Outlet	Minimum	Nominal*	Skid	Exhaust Air Filter	Skid	Exhaust Air Filter
HFS 2.3	100 mm [4 inch]	100 mm [4 inch]	0.25 t/h [550 lb/h]	2.3 t/h [5070 lb/h]	1.1 kW [1.5 hp]	2.2 kW [3.0 hp]	230 kg [510 lb]	300 kg [660 lb]
HFS 4.5	150 mm [6 inch]	150 mm [6 inch]	1.5 t/h [3310 lb/h]	4.5 t/h [9920 lb/h]	2.2 kW [3.0 hp]	2.2 kW [3.0 hp]	250 kg [550 lb]	300 kg [660 lb]

Dimensions in mm [in], if not otherwise specified * In dependency of the bulk density 20% higher throughput rates are possible

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