

Big bag handling in powder coating systems

Over time, modern big-bag emptying systems have been increasingly replacing the previously common standing containers.

These systems are offered by the manufacturers of systems and coating units.

System	Emptying station: Powder removal from <u>above</u>	Emptying station: Powder removal from <u>below</u>	Standing container
Functioning	Direct removal from the big bag via injector or DDF pumps	Direct removal from the big bag via peristaltic conveyors	Big bag emptied into the container, which is itself then emptied via injector or DDF pumps
Advantages	Can be installed far away From the coating system, simple handling when changing the big bag, no dust pollution	Can be installed far away From the coating system, low dust pollution	Low purchasing costs
Disadvantages	Expensive	Difficult handling when changing the big bag, forklift or pulley required	Space requirement and ceiling height > 4 m within the system's vicinity mandatory, dust pollution caused by removal of the big bag

Our application technology department will be happy to provide you with individual consultation.