



POWDER PIGMENTS

POWDER METERING SYSTEM

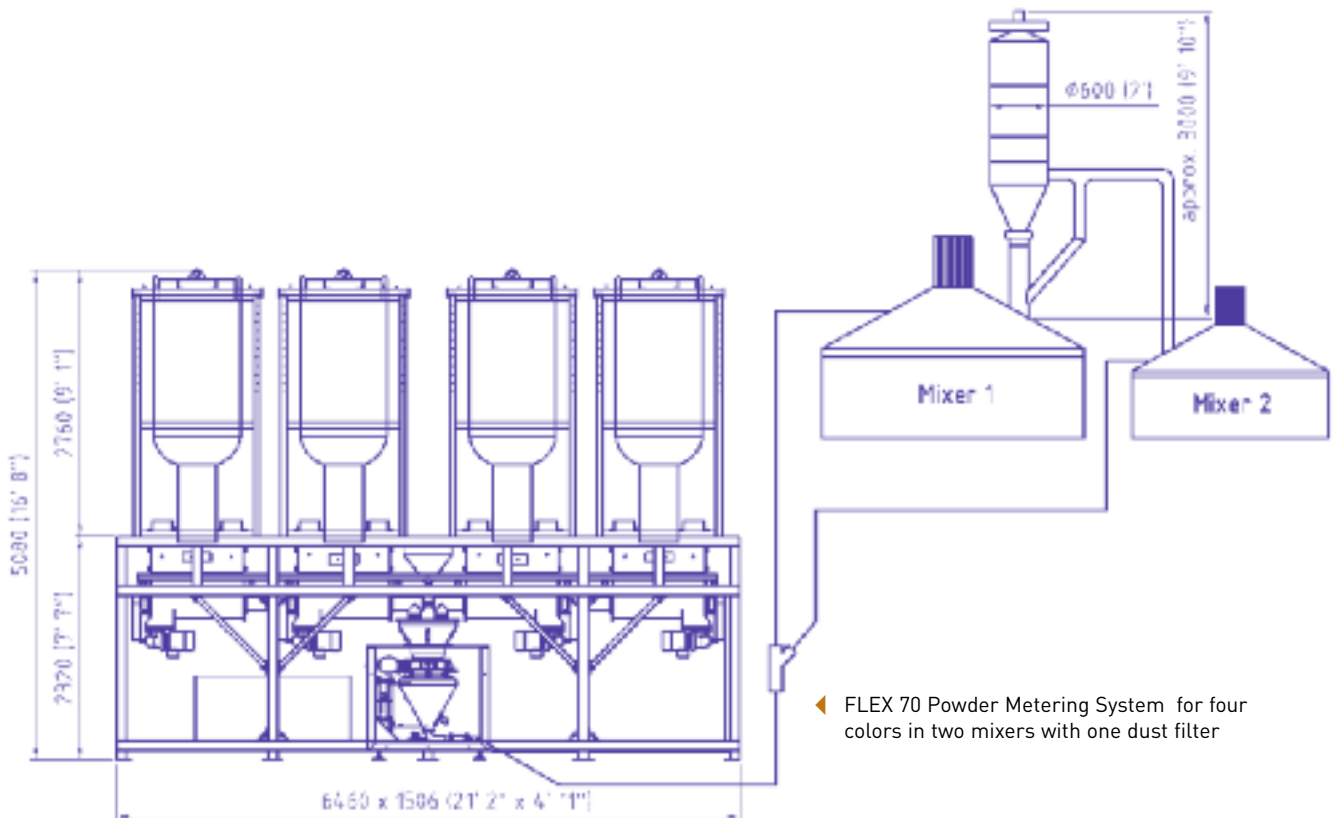
FLEX





FLEX Powder Metering System

Pneumatic dustfree metering of dry pigment for coloring of all kinds of concrete products. Flexible use of inexpensive powder pigment, compact pigment or granules.



◀ FLEX 70 Powder Metering System for four colors in two mixers with one dust filter

Advantages

- Dustfree connection of Big-Bags
- Pneumatic discharge cylinder for Big-Bags
- System is suitable for powder pigments of all well-known suppliers
- Accurate and fast metering with special screw conveyors
- Coarse and fine metering of pigment
- Dust free delivery into the mixer with dust filter or filter cyclone
- Dust filter and filter cyclone with reverse air shock for filter elements
- For Big-Bags or paper bags (25 kg)
- Unlimited number of color shades possible
- Extra position for special colors
- Flexible positioning of the system at ground level
- Completely preinstalled system with electric and pneumatic wiring



FLEX 70

- Low profile frame design for easy loading
- Completely preinstalled system
- Common weigh and pressure vessel for quick and dust free cycles
- Distribution in 2 mixers with diverter valve



FLEX 70-3

- This unique system can supply three concrete mixers with its three independent pressure vessels.
- With the FLEX 70-3 it is also possible to hold three preweighed pigment batches for optimal supply of „colormix“ production.
- With an optional second weigh hopper the system can work even faster.

NEW

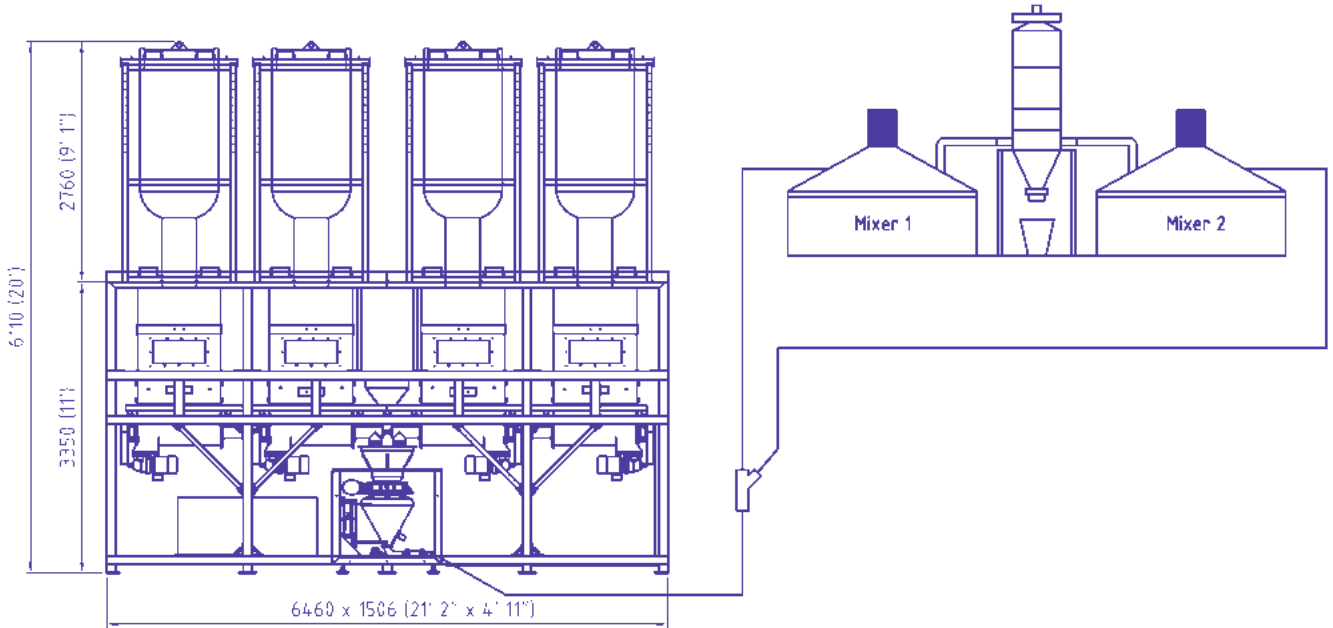




FLEX Powder Metering System

The Powder Metering System FLEX 70 can be equipped with many different accessories. Especially interesting is the hopper extension with discharge aids to hold one complete Big-Bag.

At the same time the second Big-Bag of the same color can be placed on top, so double the quantity is available.



▼ Pneumatic diverter



▲ Hopper extension with additional Big-Bag



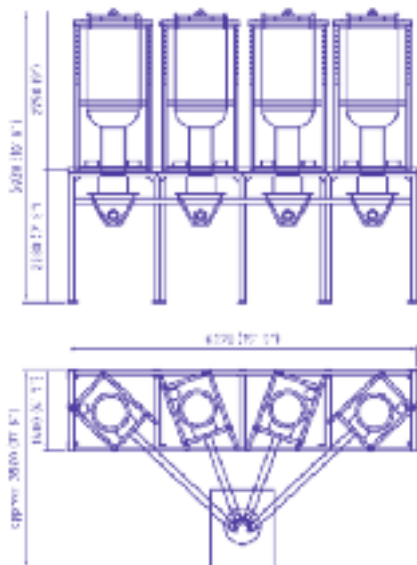
▲ Storage hopper for special colors



▲ FLEX 70 Powder Metering System for four colors with hopper extension to hold one complete Big-Bag

FLEX 70 Core components

The customer can weld the steel frame himself and reduce the cost considerably. This setup with the FLEX 70 beside the frame allows for a more basic framework and easy assembly on site.





FLEX Powder Metering System FLEX 70-3

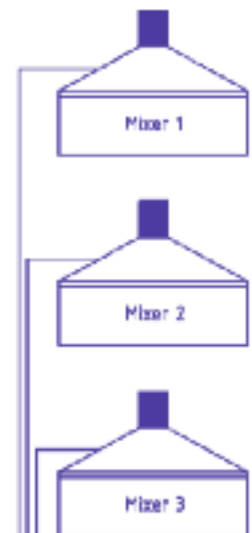
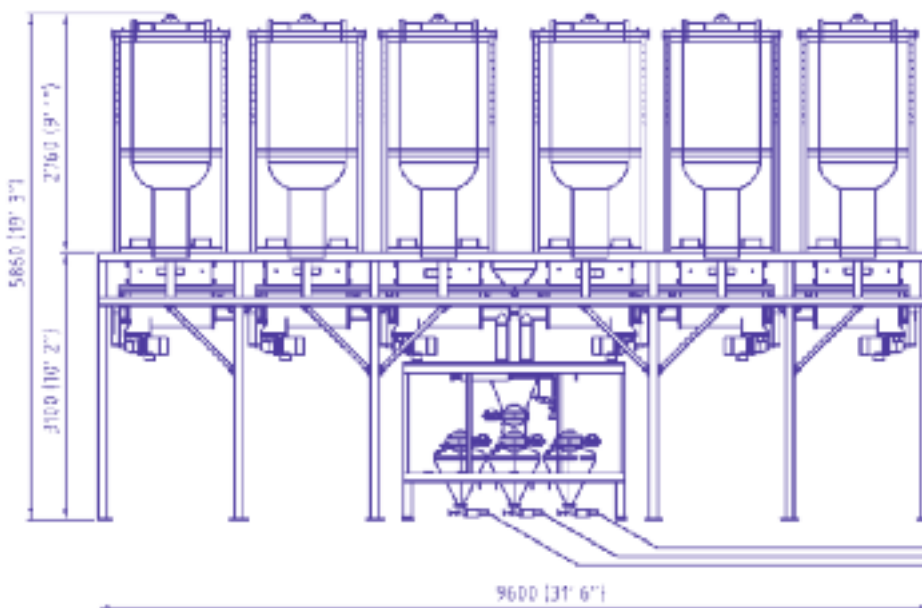
FLEX 70-3

This unique system meters into a special weigh hopper, which discharges the color batches residue-free into three independent pressure vessels. These three vessels can supply three or more concrete mixers independently.

With the FLEX 70-3 it is also possible to hold three preweighed pigment batches for optimal and fast supply of „colormix“ production. With an optional second weigh hopper the system can work even faster.



- ◀ FLEX 70-3 for 4 colors with dust free Big-Bag connection and pneumatic discharge cylinder





Control

- PC Control with process visualisation, statistics, password levels, remote access with reporting
- Touchpanel Control with storage of recipes, visualisation and remote maintenance
- Simple PLC Control for basic versions
- Control can be integrated into the batching plant control. In this case we will provide control information.

Accessories

- Dust-free connection of Big-Bags
- Pneumatic discharge cylinder for Big-Bags
- Dust filter with motor and reverse air shock for cleaning of filter elements
- Filter cyclone with reverse air shock for cleaning of filter elements
- Pneumatic diverter valve



▲ Pneumatic discharge cylinder for Big-Bags



▲ Dust-free connection of Big-Bags



▲ Dust filter with reverse air shock filter cleaning



▲ Filter cyclone with reverse air shock filter cleaning



FLEX Powder Metering System

**Versatile, proven Powder Systems
with custom made versions**



▲ FLEX 70 with one weighing/pressure vessel for low profile design and diverter valve in 2 mixers

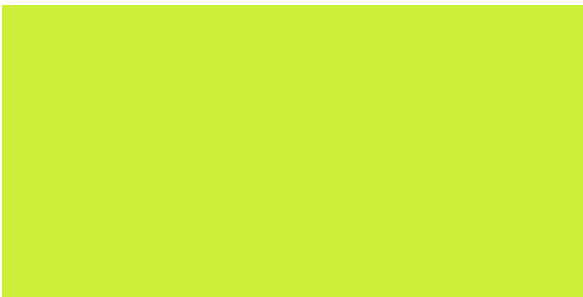
◀ FLEX 70-2 with 2 pressure vessels for 5 colors in 2 mixers



▲ FLEX 70 for 5 colors with 4 Big-Bags and one paper-bag position



▲ FLEX 70 with one pressure vessel for 3 colors with one empty position



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