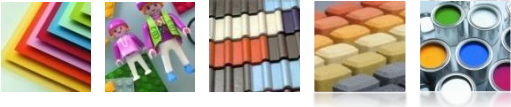




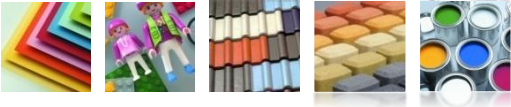
EXACDOS

Granule metering system for small quantities of <math><100\text{g}</math> up to about 8 kgs





- Granule metering system with mobile feeding hopper
- Metering in elevator bucket, mobile bucket, belt conveyor or mixer
- Feeding via containers filled through big bags or paper bags
- Exchangeable container for 1 to 4 colours
- Metering accuracy: 5 grammes

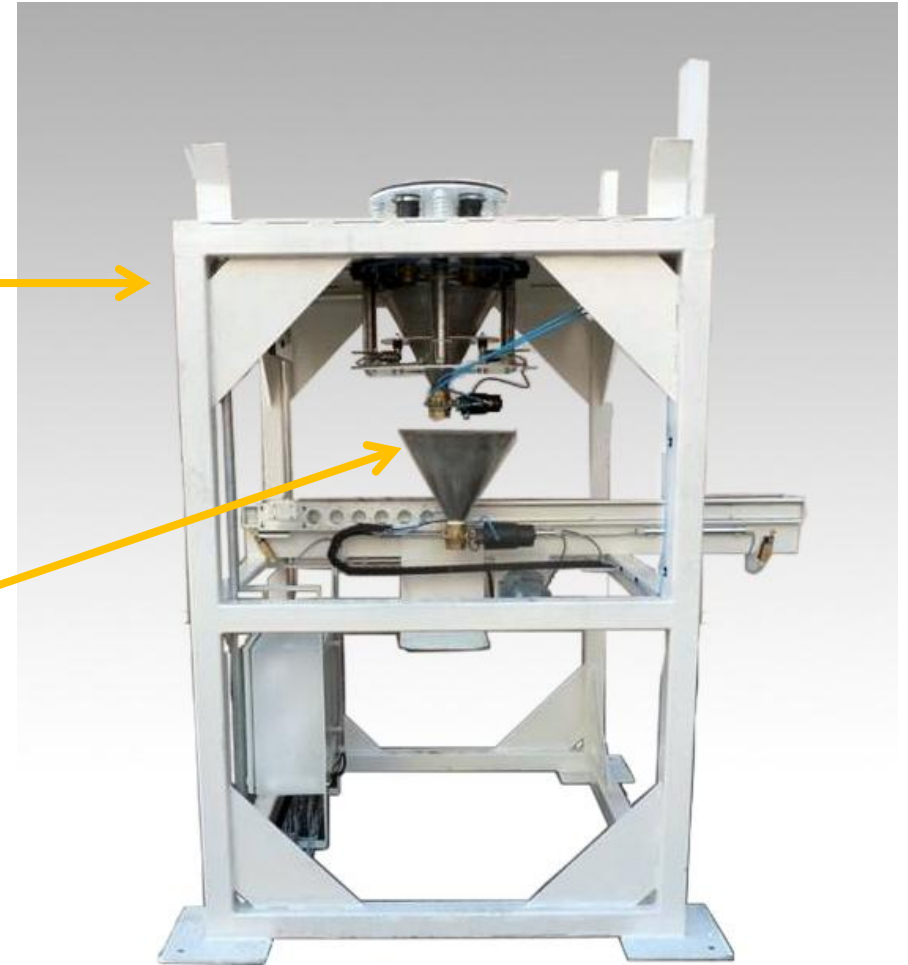


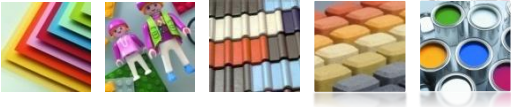
EXACDOS

Base frame

Base unit

**Mobile
feeding hopper**





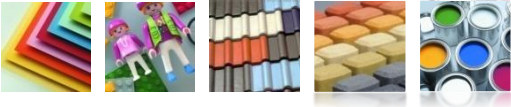
EXACDOS

Overall system

**Container for
several colours**

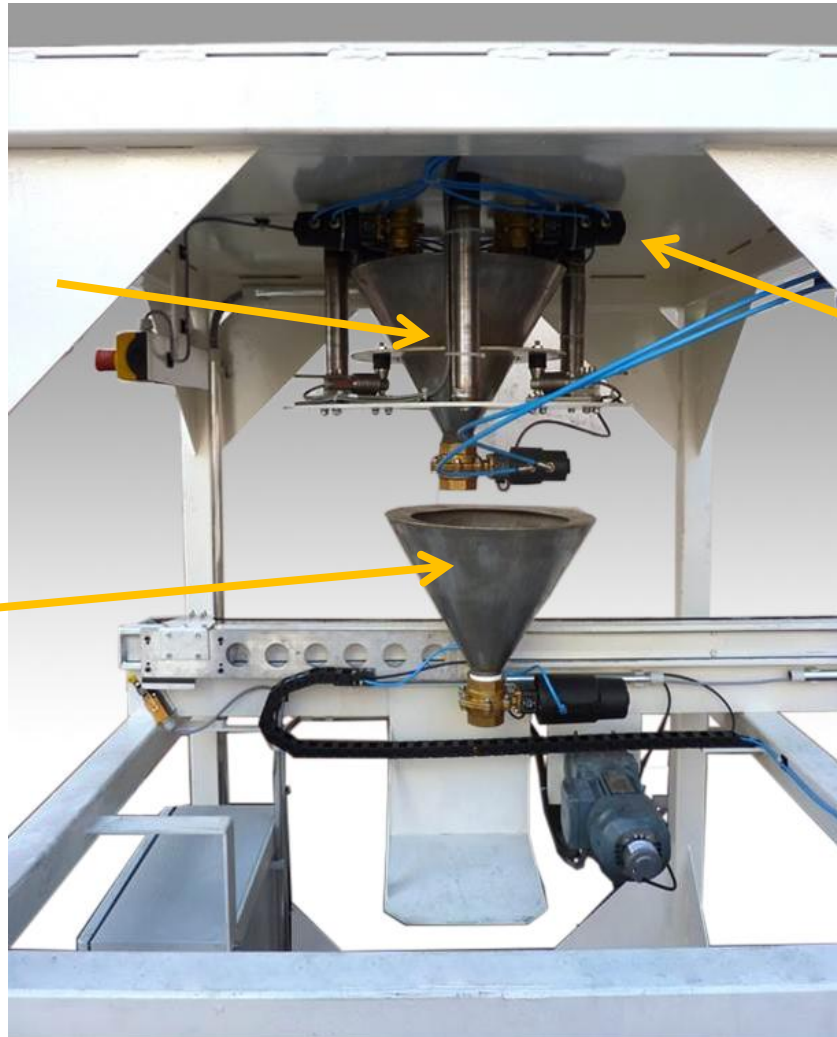
**Base frame with
container on top**



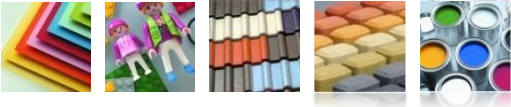


**Metering
scales**

**Mobile
hopper**



**Metering
valves (4)**



EXACDOS

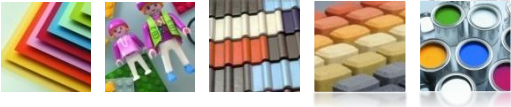
Exchangeable container

Granule container



Granule container for 4 colours





EXACDOS

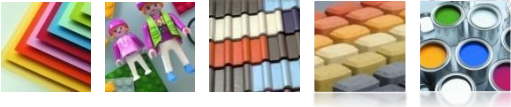
Container handling

Guide rails for precise container positioning



Pressure plate for docking the container on the base frame





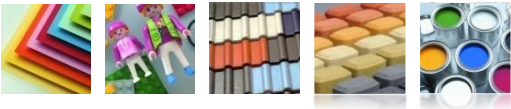
EXACDOS

Control system

Manual operation

- 4 x dosing valve
- discharging weigher
- discharging feeding hopper
- emergency stop



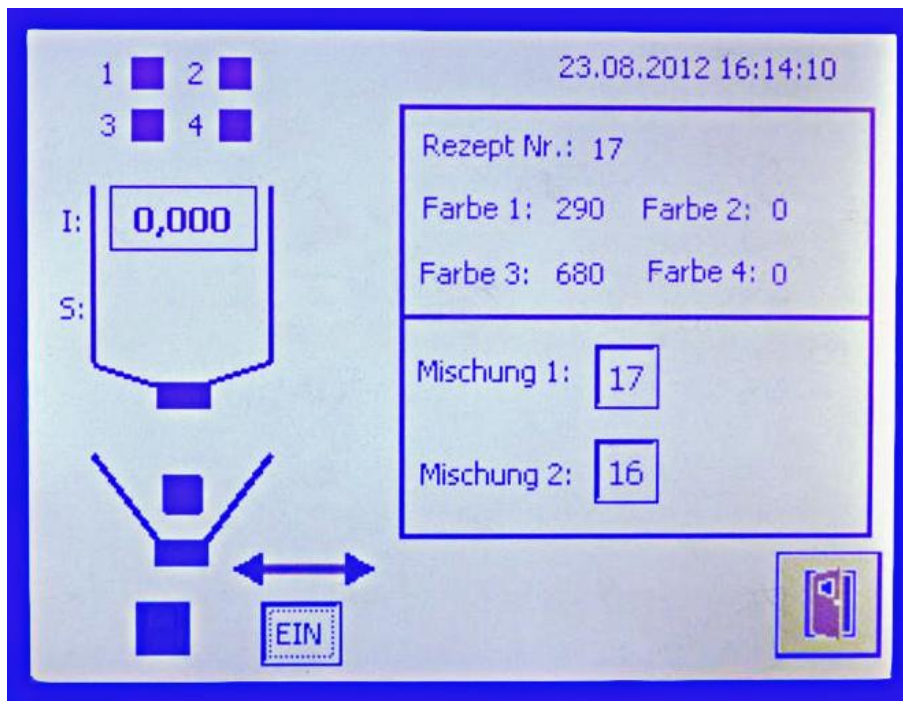


EXACDOS

Control system

Example picture:

Colormix additive mix design



➤ mixture 1 (recipe 17) = 2 colours

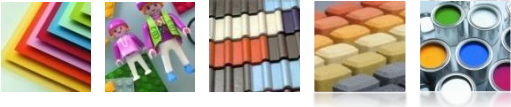
➤ mixture 2 (recipe 16) = 1 colour

Example picture:

Metering in the elevator bucket



metering of mixture 1 (recipe 17) with
2 colours

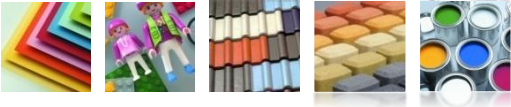


EXACDOS

Installation example

Installation example with inclined rail for gaining height





- Small space requirement due to compact design
- Altering of the rail in length and height allows for flexible design
- High degree of metering accuracy due to adapted weigher size, 3 point weighing, no conveying loss!
- No cyclone or filter required for colour metering
- Up to 4 colours simultaneously for additive or colormix recipes
- Fast colour change due to variable containers as well as design of the system