

Waste powder disposal and recovery

Powder Recycling Wagon

NELCO



Shortening disposal time increases economic efficiency

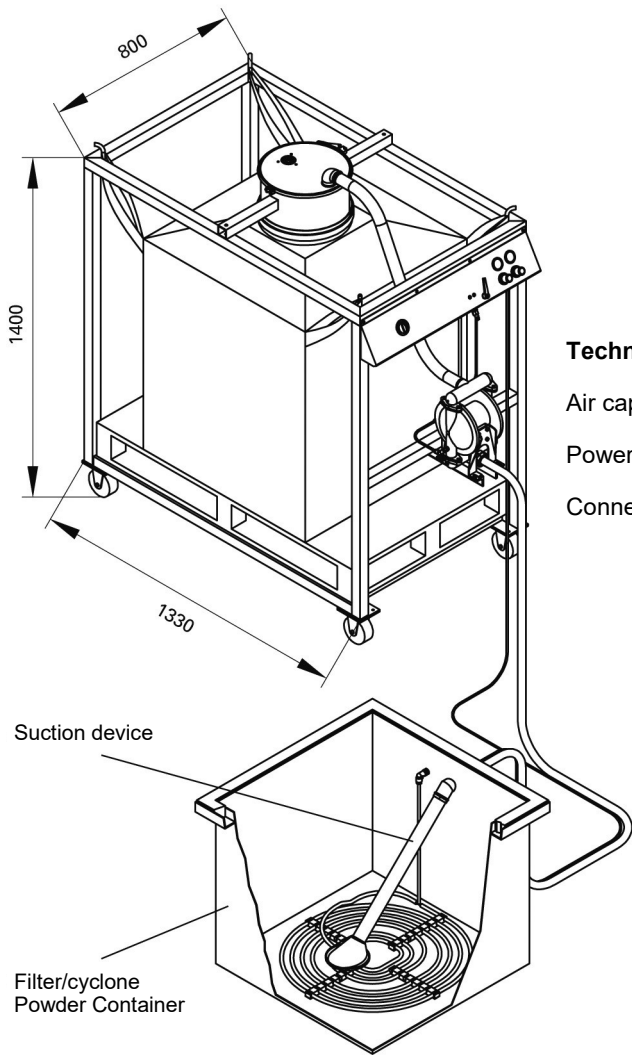
The Powder Recycling Wagons allow easy, clean and fast suction of waste or residual powder from powdercoating systems. A standard commercial big bag is used as the collection container and is placed on a pallet for transport. This device can be used both for refilling and for filling fresh powder.

On request we supply a suitable fluidised bed for each container size for later assembly, enabling complete extraction of residual powder. The suction device is attached to the container using a quick coupling. The suction process can be controlled either manually or via a timer with different suction durations. Quick couplings provide a fast connection between the powder hose and the air hose. The exhaust air filter in the ventilating flap ensures dust-free operation.

The full big bag is removed by a fork-lift and replaced by an empty one. The new Powder Recycling Wagon is easy to move and allows sequential emptying at different locations, e.g. within a plant that has multiple powdercoating systems.



Powder Recycling Wagon



Technical Data

- Air capacity: appr. 50 Nm³/h
- Power supply: 230 V
- Connected load: 0.03 kW



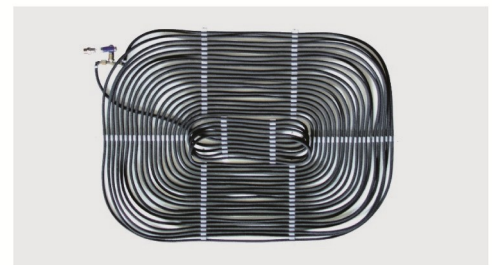
▲ Easy operation

Control of pump time, manual operating On/Off, purge air, air floor



▲ Powder diaphragm pump

Capacity of pump app. 8 kg/min



▲ Accessory: Fluidised bed kit

Can be adapted to any powder container floor

Powder Recycling Wagon (Type 18380)

- Wagon with 2 swivel castors and 2 fixed castors
- Wagon with big bag holder, fastenings and connections incl.
- Standard 1" compressed-air diaphragm pump (app. 8 kg/min)
- 1 timer control for different emptying durations
- 1 big bag
- 1 exhaust air filter
- 1 set of connecting hoses
- 1 suction system, equipped with quick couplings and suitable for all containers

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