



Costumized solutions for the treatment of waste from processing

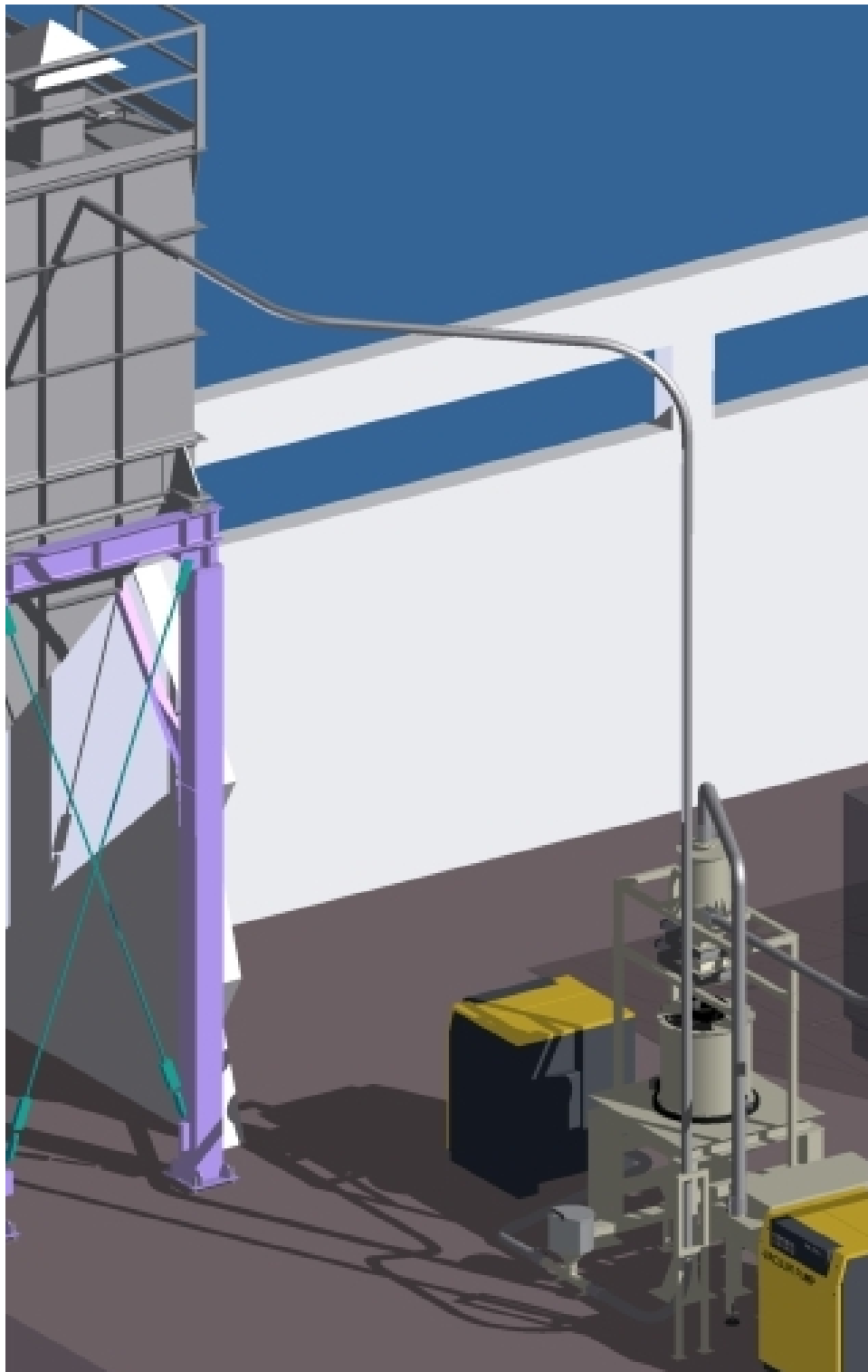
Systems

PNEUMATIC DELIVERY SYSTEM

METAL SWARF PNEUMATIC DELIVERY SYSTEMS



The Pneumatic delivery system is a simple but extremely powerful system suitable to transfer short and dry swarf from one point to another in the company



- It allows the evacuation of the chips without the intervention of the operator to the storage site
- It transports very quickly short and dry chips
- Flexible and modular, clean and silent
- It does not require masonry work
- It Improves safety inside the plant
- It allows unattended work

The Pneumatic delivery system is a simple but extremely powerful system that allows to transfer short and dry swarf from one point to another in the company with just the size of a small diameter pipe. In FAMA s.r.l. systems it is normally used to load silos, when these are particularly far from the treatment area, replacing bulky evacuation channels. The system is powered by a displacement pump, which provides enough pressure to generate a fast air flow that moves the swarf. A dosing device continuously feeds the system to optimise transportation.

POWER
11 ÷ 22 kW

VOLTAGE
230/400 V

POWER SUPPLY
continua

TOTAL DISTANCE
fino a 100 m

TRANSPORTED QUANTITY
300-1500 kg/h

HOURLY PRODUCTION

Q = 0,8 MC/H	BRASS	STEEL	ALUMINIUM	STAINLESS STEEL	COPPER	CAST IRON
density [kg/dmc]	1,5	1,3	0,8	1,1	1,00	1,4
Kg/h	From 300 kg / h to 1500 kg / h depending on the situation					

THE DATA IN kg/h IS APPROXIMATE AND IN ANY CASE DEPENDS ON THE DENSITY OF THE SWARF, THE SHAPE, THE OIL CONTENT AND THE TYPE OF COOLANT. THE DENSITY DATA CONSIDERED ARE HYPOTHETICAL, BASED ON AN EXPERIMENTAL AVERAGE OF THE DATA IN OUR POSSESSION.

AVAILABLE OPTIONALS

- Double, triple (or more) delivery line in case of multi material;
 - Anti-wear kit for venturi ejector;
 - Curves with anti-wear extrados;
 - Double guillotine for systems that have to work 24 hours a day;
 - Soundproof cabin;
 - Inlet cyclonic separator;
 - Synoptic remote control;
 - Remote assistance.
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FURTHER TECHNICAL CHARACTERISTICS

1. The system is operated by a pressure pump, which provides enough energy to push the swarf.
2. Chips are transferred from the treatment to the storage area.
3. A dosing device acts as a lung to regulate swarf flow to the system and to balance the hourly production.
4. A special device converts the pressure energy into kinetic energy.
5. The swarf courses along the line to the storage site (silo, detachable container, ...).

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