



Rational waste handling with Presona

Presona offers the total solution for rational and effective handling of paper rejects and mackle in the graphic industry and the in paper, cardboard and packaging manufacturing process. Our turn-key system has numerous advantages:

Rational handling The rejects are collected at the source by means of a pneumatic extraction system. The material is extracted through suction hoods to a pipe line system with an integrated material separator for separation of dust and air. The dust-free material falls down into a compactor or baler.

Better working conditions A dusty environment is bad for both man and machine. The problems with dust emission from die cutters, milling machines, slitters and other processing machines are eliminated with the closed extraction system. The conveying air is fed through a filter for maximum cleaning.

Energy saving The filtered and dust-free conveying air is typically led back to the production room but can also be used to heat store rooms or office premises. To re-use already heated air means a better use of energy.

Material recovery Our waste extraction system transforms the rejects into a recyclable resource.

Tailor made Our waste extraction systems include a number of accessories and variations to meet the individual requirements of every customer.

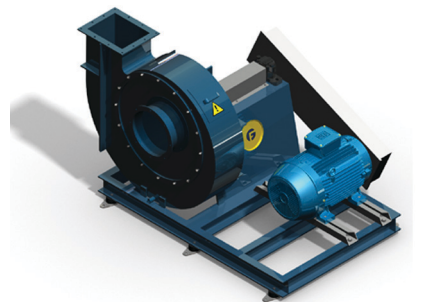
Total economy The Presona turn-key system will save money and solve your waste problems once and for all. Expensive production premises can be fully utilized as the waste extraction plant can be placed outdoors.



Suction mouth piece



Piping components



Transport fan



Material separator



Dust filter



Compactor



Hydraulic bin tipper

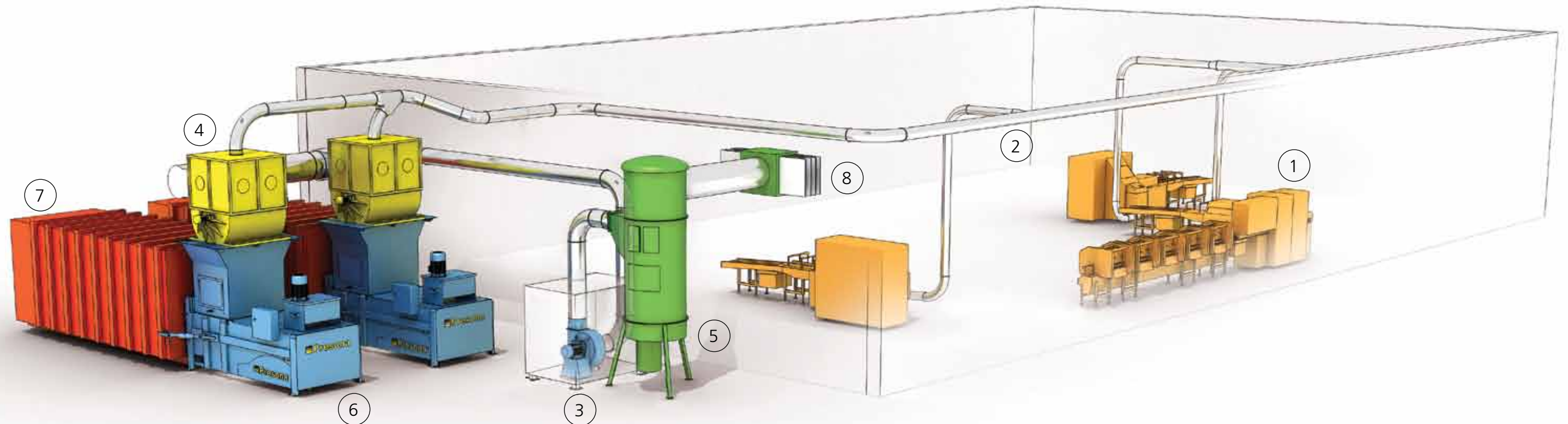


Outdoor installation

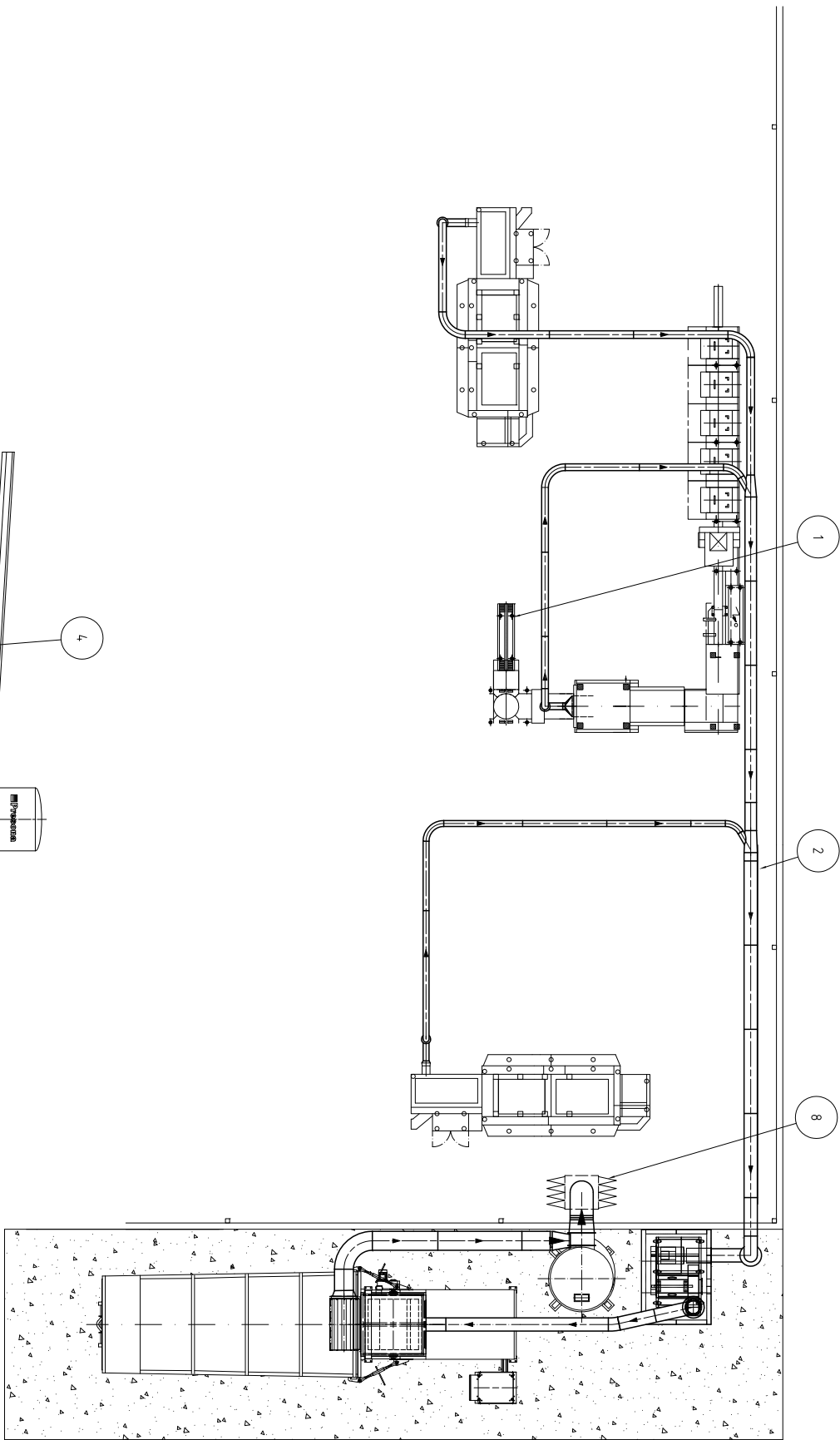


Briquetting press under the filter

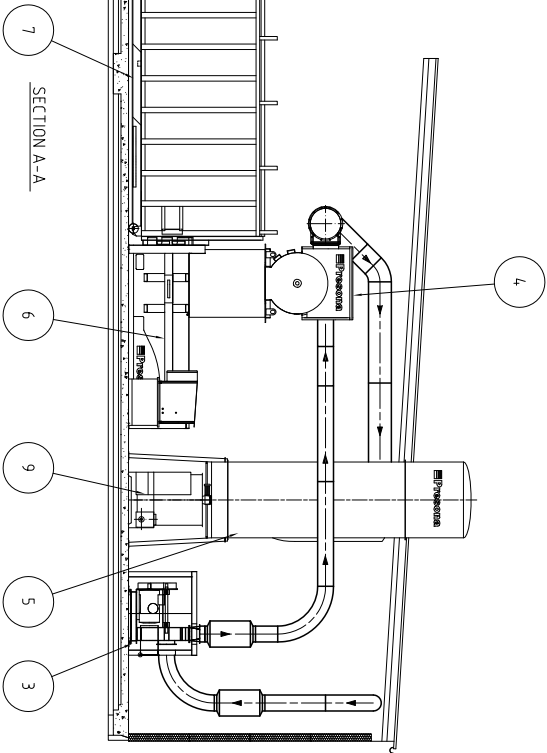
Presona offers the total solution – from identifying your requirements to the turn-key system



- 1. Processing machines**
(trimmers, stitching/folding machines, glue binders, die cutters etc.)
- 2. Pipe line for material transport**
Dimensioning depending on material flow and transport distance.
- 3. Transport fan**
With or without sound box depending on placing. The fan can be equipped with knives for cutting of trims with overlength.
- 4. Material separator**
For separation of solid material from the dust-laden air. The material falls without pressure into the compaction unit and the air moves through the air lock to a filter.
- 5. Dust filter**
Separates the dust from the air. The dust falls down in a container or a briquetting press placed under the filter.
- 6. Compactor (or baling press)**
The dust-free material is compacted into a closed container, or processed in a baling press depending on material volumes or the customer's specific requirements.
- 7. Container**
Contains the solid, compacted rejects - now an attractive commodity.
- 8. Air outlets**
The dust free conveying air can be led back to the production premises or be used for heating of storage rooms etc.



SECTION A-A



DETAIL LINE AREA		BENCHMARK		MARKING	
EL	Area	Point	Area	Point	Area
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1

Presona General Layout
Compactor & waste extraction system
PT0353
2010-08-05
B



Presona AB is one of the world's leading designers and manufacturers of balers with pre-pressing technology for efficient baling of the most varieties of material from paper and plastic to household and industrial waste. The product range also includes pneumatic waste extraction systems for the graphics industry, paper and packaging manufacturers and sorting plants for household waste.

The company is based in Tomelilla in southern Sweden close to the continent. The head office and factory are housed in modern airy buildings in which the working environment has been prioritized. We have an efficient production flow and cooperate with established suppliers in order to ensure quality at every stage.

Presona's safety and environmental awareness permeates into our work. Our employees' working environment must be safe (for example, we paint our equipment with water-based paints). It is paramount to us that the equipment we supply always offers the customer the greatest possible security.



Presona – one of the world's leading designers and manufacturers of compacting equipment

PRESONA'S COMPACTING SYSTEMS ARE (ALMOST) EVERYWHERE

Algeria, Argentina, Australia, Austria, Bahrain, Belgium, Belorussia, Brazil, Bulgaria, Canada, China, Croatia, Cuba, Czech Republic, Denmark, Egypt, Estonia, Faroe Islands, Finland, France, Germany, Great Britain, Greece, Hungary, Iceland, India, Indonesia, Iran, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Latvia, Lichtenstein, Lithuania, Malaysia, Mexico, Moldavia, Morocco, Netherlands, Norway, Pakistan, Poland, Réunion, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Arab Emirates, USA

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