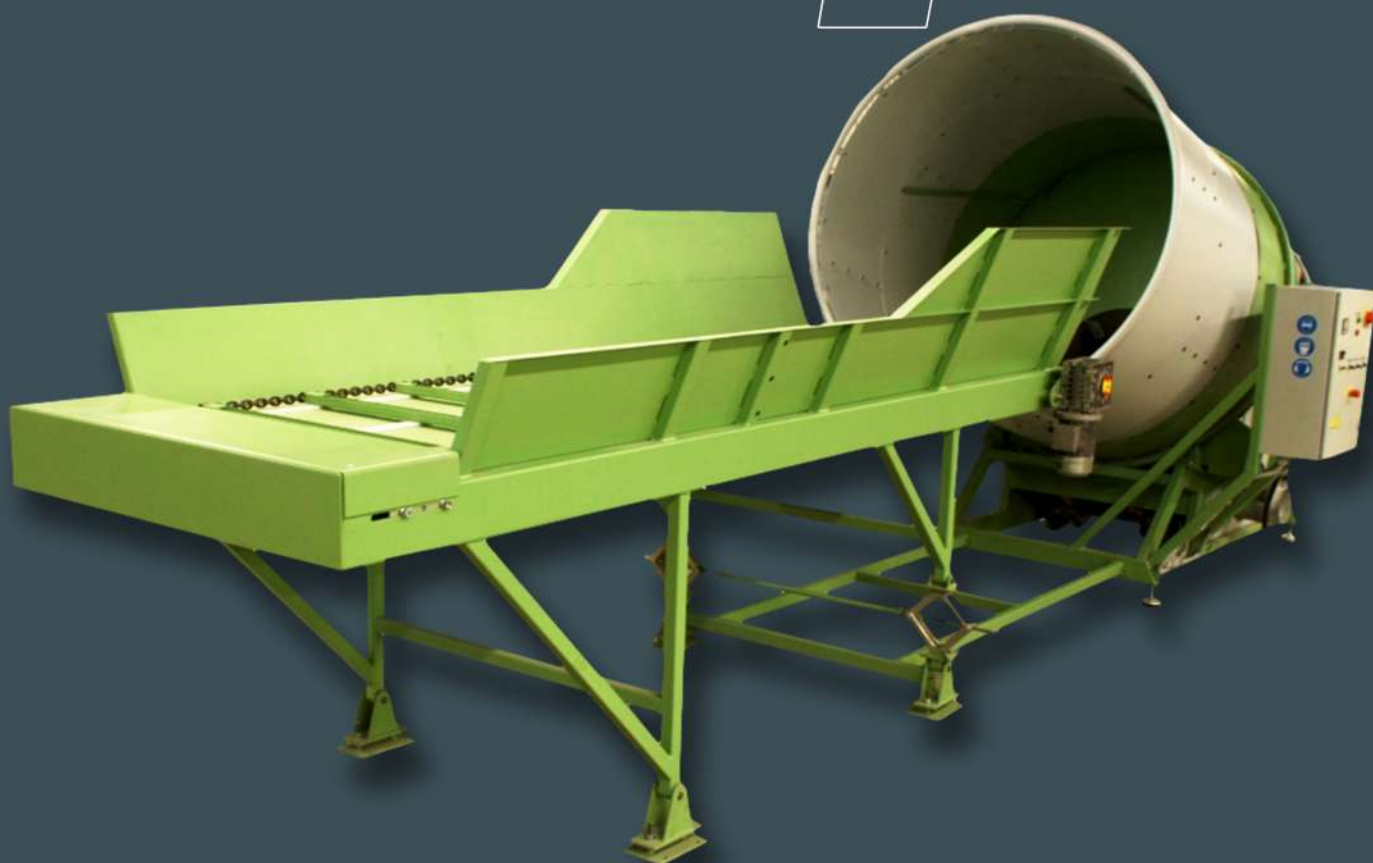




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»»» **STRAW AND HAY SHREDDER
WITH CONVEYOR SS-D180**

»»» ABOUT THE TECHNOLOGY



The SS-D180 Straw and Hay Shredder with Conveyor efficiently transforms large bales of straw or hay into finely shredded material for various agricultural uses. Just feed it with bales and electricity, and it shreds your raw materials into valuable resources.



Efficient Shredding: The SS-D180 shredder efficiently processes straw or hay rolls, achieving a shredding fraction of 10-35 mm. This precision in shredding ensures that the material is perfectly sized for various uses. Most common one - using it for heating.



Integrated Conveyor: The integrated 4000 mm conveyor ensures smooth and continuous material handling, significantly enhancing productivity in your shredding operations. You just need to load conveyor with bales and SS-D180 does the rest.



Customizable Output: The SS-D180 shredder offers adjustable throughput by allowing you to choose from different sieve sizes. This feature gives you the flexibility to tailor the shredded product's fraction size to meet specific requirements and needs.

Nature  **Business**

Eco-Friendly Solution & Wallet-Wise Choice

TECHNICAL HIGHLIGHTS

Basic information

The SSD-180 shredder is a versatile solution designed for efficiently processing straw and hay. Perfect for agricultural settings, this shredder transforms bulky straw and hay into a more manageable, briquetteable mass, enhancing storage, transport, and resale possibilities.

The shredder is primed and ready for action, requiring only a power source to unleash its full potential.

Ambient operating temperature range of the vehicle spans 5 – 40°C. Machine should be installed indoors, protected from the elements (rain, sleet, snow).

Each shredder is designed, built and tested in Ukmergė, Lithuania by UMP Technika. Not only do we manufacture, but we also use our machines - all products of UMP Technika are also used daily in our sister woodworking companies.

Rotor

Quickly Changeable Screens: The screens can be replaced swiftly, minimizing downtime.

Material: Rotors are usually made from high-strength steel or other durable materials to withstand the forces involved in shredding hay and to resist wear over time.

Efficient Knife Change: The design allows for quick replacement of knives since the shafts can be removed without disassembling the rotor.

Electricals

SS-D180 operates on a standard 380-volt electrical supply at a frequency of 50 Hz. The main motor has a power rating of 38,1kW, providing the necessary torque and speed for efficient shredding operations. The revolutions per minute (RPM) of the shredder's rotor are set at 983, ensuring optimal performance during material processing.

Power supply: 380 V, 50 Hz

Main motor power: 38,1kW

Revolutions: 983 RPM

Material infeed

Material Infeed Specifications:

Types of Material:

The shredder is designed to handle straw or hay that is pressed into rolls. With the manufacturer's permit it can also process square or rectangular bales.

Infeed Roll Specifications:

Maximum Diameter: 1700 mm

Maximum Length: 1200 mm + 600 mm (this refers to the length of the rolls or bales that can be fed into the shredder, with additional length being accommodated for easier handling).

Infeed Mechanism:

Conveyor: The shredder comes with a conveyor that likely facilitates the feeding of material into the shredder. The conveyor helps in transporting the straw or hay from a storage area to the shredder, ensuring a steady and controlled feed.

Adjustability:

The shredder have features to adjust the feed rate or the size of the material being processed. This involves changing the sieve or adjusting the conveyor speed to match the desired throughput and fraction size.

TECHNICAL HIGHLIGHTS

Manufacturer's warranty

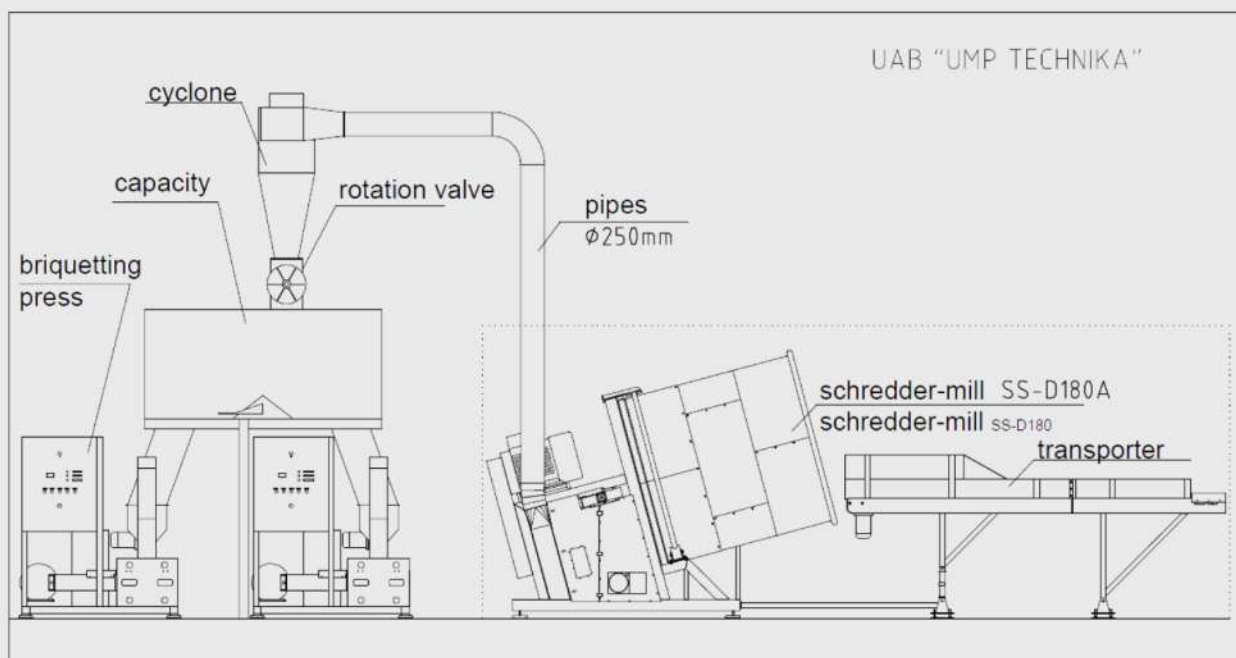
24 month / 1000 work hour warranty ¹

Service, materials and parts provided by the seller.

Servicing done following the manual & service plan.

Conveyor Specifications:

- Length: 4000 mm
- Width: 1650 mm
- Height: 1000 mm
- Weight: 300 kg
- Electricity: 380V 50Hz
- Power: 1.1 kW
- Current: 2.78 A



SPECIFICATIONS:	SS-D180
THROUGHPUT ² :	≤1200 kg/h
FEEDING:	380V 50Hz
MAIN MOTOR:	38,1 kW
BLADES:	40 pcs.
LENGTH:	2300 mm
WIDTH:	2200 mm
HEIGHT:	2350 mm
WEIGHT:	750 kg
SCREEN:	D10 – 35
REVOLUTIONS:	983

¹ Which ever comes first, either 24 months or 1000 work hours.

² Throughput depends on material type, hardness, humidity, input particle size, output particle size and output system. Actual throughput numbers are provided after free tests with customers material in UMP Technika factory, Ukmergė Lithuania. Customers are invited to participate in the tests.

»»» **TOGETHER.**

EVERY STEP OF THE WAY «««

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