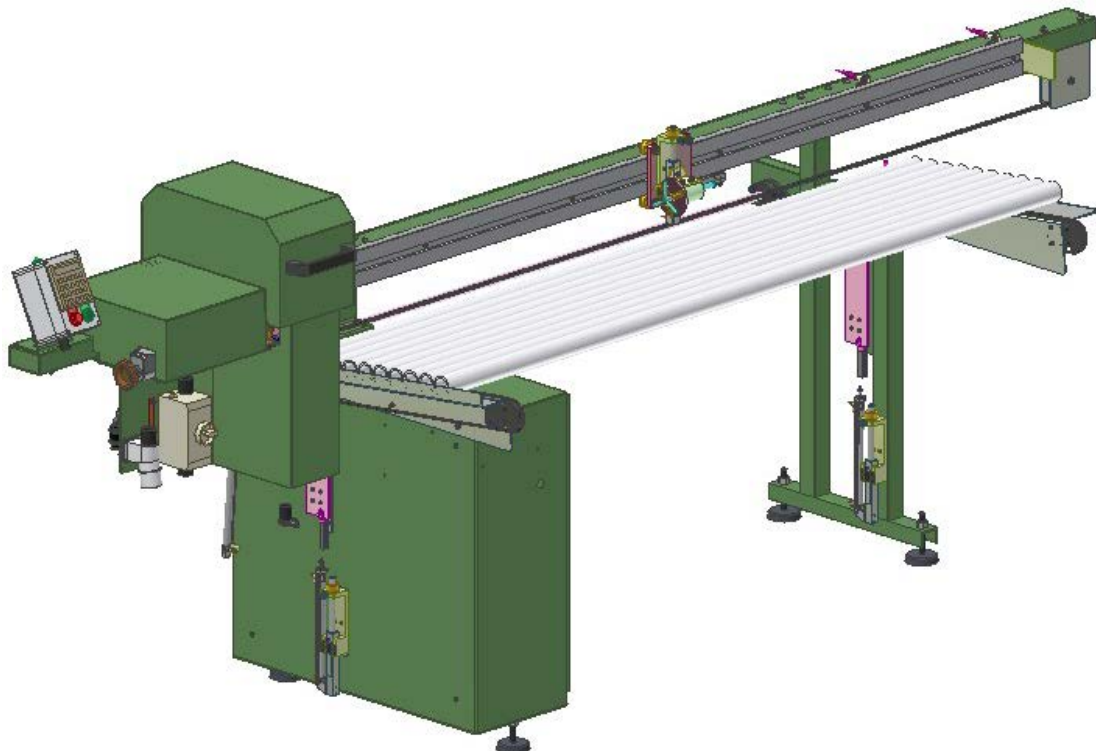


“TATU” MACHINE

AUTOMATIC CORE PRODUCTION MACHINE (OF CARDBOARD TUBE SECTIONS CUT TO THE REQUIRED WIDTH)

- This machine's work process cycle consists in retrieving a tube from the specific tube feeder unit, of cutting it into sections of the required width, of discharging any remnant waste sections and then automatically proceeding with the retrieval of another tube from the tube feeder unit in order to repeat the cycle until the required or set number of core sections has been reached.
- The machine is engineered to either work independently and therefore to discharge the cores into a collector container or to be assembled in production line arrangements as follows: “TATU+FLIN+UNIVERSAL”, “TATU+UNIVERSAL”, “TATU+CT”.
- Versatility, user-friendly machine adjustment options and impressive production output rates result in highly effective product flexibility, thereby preventing uselessly long product shelf-life and stocking times as well as production cost reductions.
- The cutting is done by a long-life, top-quality stainless steel blade, that does not produce shavings due to wear and is noiseless during operation.
- The size of the core sections being cut is displayed by a position indicator unit featuring a 0,1mm accuracy range.
- Process automation is provided via PLC controls with an operator panel displaying the various messages and commands for safe and smooth system operation.
- A counter unit is provided for setting of the number of cores required between 1 and 9999 and for setting the machine to stop once the number of cores entered has been reached.
- The core cutter machine comes in two versions: “TATU 100” for core sections with a maximum length of 100mm and “TATU 200” for core sections with a maximum length of 200mm.

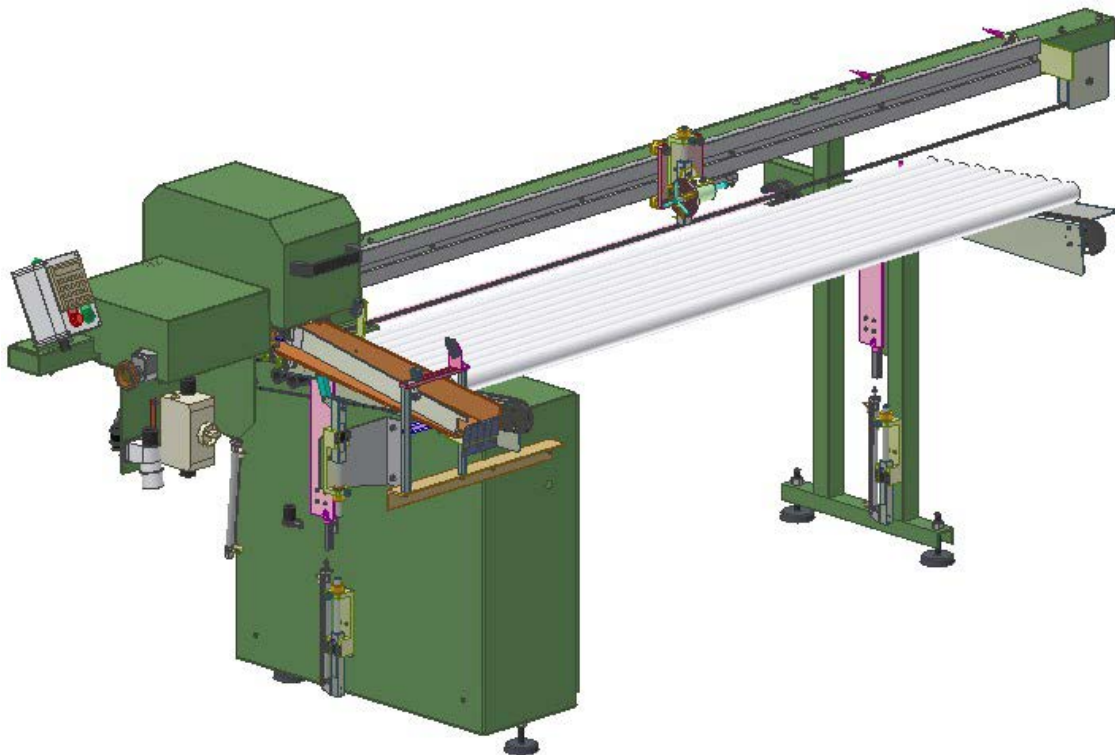


➤ **DBT SCFLIN 100 - DBT SCFLIN 200**

“CORE SECTION DISCHARGE DEVICE, FOR RETRIEVAL BY THE FLIN MACHINE”

Via this discharge device, the cores arrange themselves so that they are neatly aligned on the discharge slide, and can easily travel into the exact position for retrieval by the FLIN machine. Via a photocell capable of stopping and starting the automatic cutting operations back up again, the machine keeps the discharge slide full enough so that the production line never stops.

The “DBT SCFLIN 100” discharge device is designed for the “TATU 100”, whilst the “DBT SCFLIN 200” is designed for the “TATU 200”.



➤ **DBT CAR 100 - DBT CAR 200** “UNIVERSAL AND CT VERSION CORE FEEDER DEVICES”

This device enables automatic core feeding to the UNIVERSAL and CT machine versions. This results in considerable production cost savings due to elimination of the core feeding times, elimination of long shelf-life and stocking times and due to increased product flexibility potential. Via a photocell capable of automatically stopping and starting the cutting operations back up again, the machine is sure to never stop the production line.

The “DBT CAR 100” discharge device is designed for the “TATU 100” whilst the “DBT CAR 200” is designed for the “TATU 200”.

CHARACTERISTICS OF THE TUBE CORES

| | |
|------------------------------------|--|
| INTERNAL DIAMETER | 25÷85mm |
| MAXIMUM THICKNESS | 5mm |
| NUMBER OF CORES ON THE CORE FEEDER | 15 tubes with a 35mm outer diameter |
| LENGTH OF THE CORES | 8÷110mm (TATU 100) 8÷200mm (TATU 200) |
| TUBE LENGTH | 1950÷2200mm |

*The tubes need to be as straight as possible, otherwise the cut will not be perpendicular.
However, a curvature up to 2cm over the entire length will not cause any problems.*

TECHNICAL FEATURES

| | |
|-------------------------------|--|
| POWER SUPPLY VOLTAGE | 3x230V+T - 3x400V+T 50÷60Hz 0,8kW |
| COMPRESSED AIR REQUIREMENTS | 6÷10bar 100 Nl per minute |
| HOURLY PRODUCTION OUTPUT | 500÷1300 pieces/hour (variable datum based on core length and tube thickness) |
| CUTTING TIME | 3÷7sec (based on thickness and cardboard type) |
| TUBE SWITCHOVER TIME | 10 seconds |
| MINIMUM WASTE REMNANT LENGTH | 60mm |
| “TATU 100” OVERALL DIMENSIONS | 3350 x 1150 x h 1300mm |
| “TATU 100” NET WEIGHT | 250Kg |
| “TATU 200” OVERALL DIMENSIONS | 3550 x 1150 x h 1300mm |
| “TATU 200” NET WEIGHT | 270Kg |

The features described above may vary and must be confirmed based on your products.