

## 6-Spindle Deep-Hole Drill Machining Center

This special purpose machine was designed and built for multi-spindle drilling of dies for the production of pellet products. The rotatory work pieces are picked up by a clamping chuck and clamped.

The drilling tools are fitted on star-shaped arranged tool tray allowing radial, NC-controlled moves according to the pitch circle diameter of the die bore holes during machining. The axial drill feed movement as well as the indexing of the bore hole positions is carried out by the tool tray.

### Technical Details

#### Traverse path

X-axis (1-6)	530 mm
Z-axis	1400 mm
drill ingot	470 mm

#### Feed rates

max. speed	20 m/min
max. acceleration X / Z	4 / 1.4 m/s <sup>2</sup>
max. feed force Z	60000 N

#### Main drive

max. capacity S1 / S6	13 / 16.9 kW
max. torque S1 / S6	49.7 / 64.6 Nm
max. speed	8000 rpm
tool holder	HSK 63

#### Rotary table

diameter	1250 mm
max. speed	5 rpm

#### Work piece

outer diameter	780 - 1500 mm
section diameter	510 - 1450 mm
max. weight	1500 kg

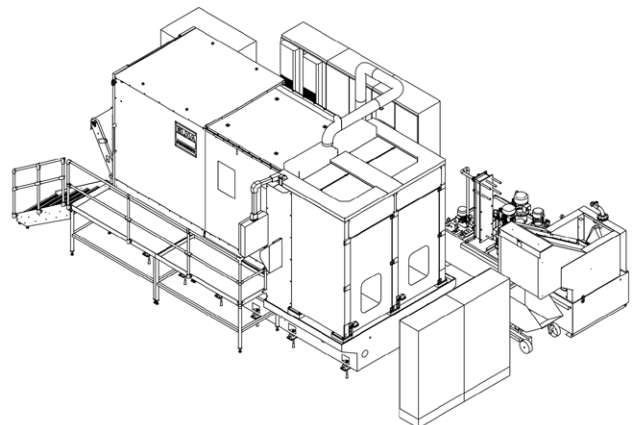
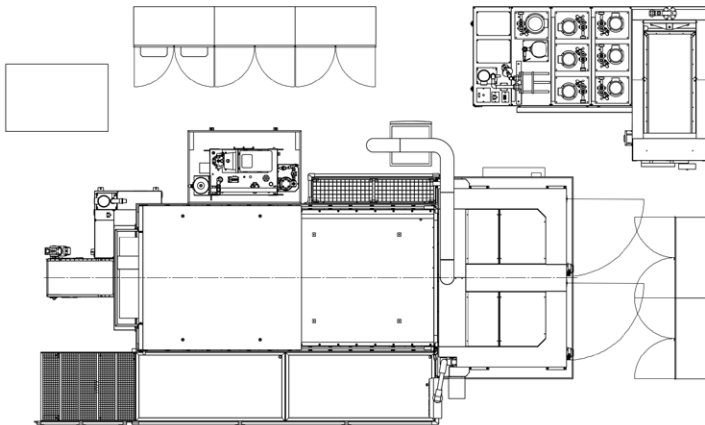
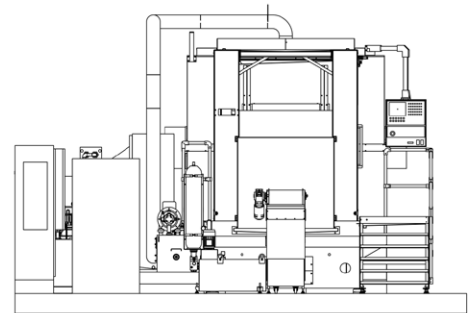
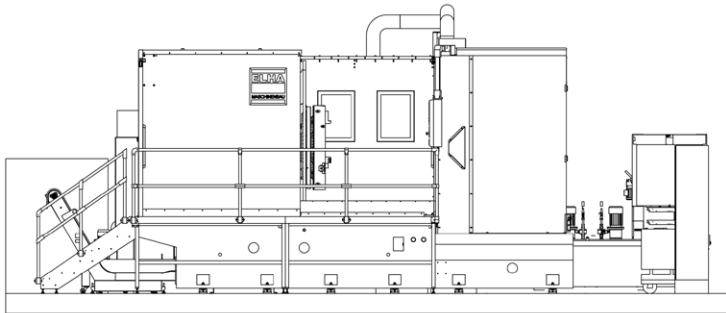
#### Dimensions

space assignment	10.4x6.2x4.3 m
total weight	62000 kg



# SPX 5207

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