



High-speed, precision cutting

Clear designed cutting table

Clear designed cutting table impresses with its functional design and concentration on the basic essentials:

- Freely accessible work surface from all sides
- Extremely robust traverse bridge with minimal protruding at the sides and rack and pinion drive system in all axis for slip-free drive.
- Powerful AC-servo motors and modern CAN-Bus-steering technique enable high throughput

Simple operation

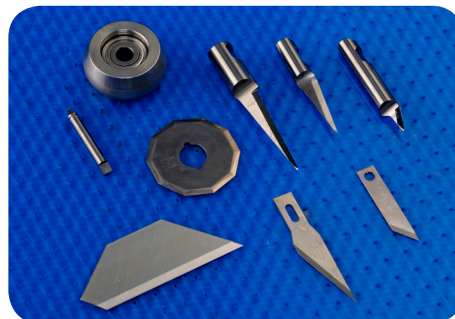
With the easy-to-use operable *Cutter Control Panel* software, available in many languages, the Eastman Hawk TL cutters are controlled from the PC. The windows user interface offers the user all graphical information of the cutting data. The mobile control pad essential functions such as navigation or setting the origin allow an effective operation.

Multi-functional tool head

Combinable single and multi-functional tool heads with tangentially controlled tool holders and a large number of precision tools are available.

Vacuum technique

Up to 54 controllable vacuum zones hold even the smallest of remnants safely on the work surface.



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Options

- Conveyor system with integrated unloading table (PLC-Machine)
- Motorized and manually winding and unwinding devices for roll materials
- Material clamp system
- Various combinable tool heads
- Data base CutRecall for saving, calling and editing of all process parameters
- Intelligent camera system Automatic Eye for accurate assignment and scaling of prints
- Mobile Barcode Reader for automatic process identification
- Projection of the cutting outline onto the material
- Felt or urethane cutting surface



Technical Specifications*

| MODEL | TRAVELS - W X L (INCHES) | | OUTER DIMENSIONS - W X L (INCHES) | | SPEED ³ | ACCELERATION ³ |
|----------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------|--------------------|---------------------------|
| | without conveyor | with conveyor | without conveyor | with conveyor | | |
| HAWK TL 1310 | 51 x 40 | 48 x 40 | 76 x 69 | 76 x 84 | Max. 45 in/sec | Max. 1.15G |
| HAWK TL 1317 | 51 x 67 | 48 x 67 | 76 x 95 | 76 x 110 | | |
| HAWK TL 1617 | 63 x 67 | 60 x 67 | 87 x 95 | 87 x 110 | | |
| HAWK TL 1625 | 63 x 98 | 60 x 98 | 87 x 127 | 87 x 142 | | |
| HAWK TL 1917 | 75 x 67 | 72 x 67 | 99 x 95 | 99 x 110 | | |
| HAWK TL 1925 | 75 x 98 | 72 x 98 | 99 x 127 | 99 x 142 | | |
| | Material clearance thickness | max. 1.8 inches depending on the tool head and protective underlay | | | | |
| | Input buffer | PC controlled | | | | |
| | Static repeatability | ± 0.02 mm/m @ 20° C (0.008 inch @ 68° F) | | | | |
| | Control circuit and drives | Digital AC servo motors | | | | |
| | Data format | HPGL compatible, with extended command set | | | | |
| | Vacuum | Adjustable matrix vacuum zones | | | | |
| | Power supply: control cabinet | 200-210V, 3ph, 50/60Hz, 2.6kVA | | | | |
| | Power supply: vacuum blower | 200-240V, 345-415V, 3ph, 60Hz, 7.5HP. 50Hz available, please contact factory for power info. | | | | |
| | Operating | Control software for Windows Version 7, 8, 10 (32 bit / 64 bit) Various selectable languages. Mobile control pad. | | | | |
| | Safety / Certification | CE-label; Emergency stop; Light barrier; Collision shut-off | | | | |
| ENVIRONMENTAL | | | | | | |
| | Operating temperature | +10°C up to +30°C (50°F up to 86°F) | | | | |
| | Storage temperature | -15°C up to +45°C (5°F up to 113°F) | | | | |
| | Relative humidity | 40 - 80% non-condensing | | | | |

*All indicated speeds, dimensions, weights and performance data are approximate and subject to change without notice. 1 Complies with the max. work area for one tool. Further tools reduce the max. working width. 2 The dimensions only refer to the basic machine. 3 Depending on the cutter size, cutter configuration and tool head and Adjustable via software.

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