

Aristomat GL and Aristomat TL

Machines with newest technologie and modern clear-cut design

Mechanical Highlights

- ◆ For noise reduction and vibration control machine frame made of compact Aluminium/Honeycomb sandwich modules.
- ◆ A from all sides freely accessible work surface, extremely robust traverse bridge with minimal protruding at the sides.
- ◆ For high precision slip-free drive in x and y directions.
- ◆ Powerful digital AC-servo motors.
- ◆ High acceleration.
- ◆ Large material pass height : TL 46 mm, GL 55 mm; custom-made solutions possible.
- ◆ Fixing of material by heavy duty matrix vacuum system with adapted hole grid for optimum air flow rate, with up to 90 controllable zones. Electrical vacuum zone adjustment also available.
- ◆ Wide selection of vacuum pumps.
- ◆ Compressed-air monitoring.
- ◆ Light barriers and collision shut-off on the traverse bridge to control work table. Optional light barriers with self-test, ultrasonics collision shut-off.

Electrical Highlights

- ◆ Completely new clearly arranged operation system on PC-screen with ARISTO CutterControlPanel software for Windows XP. Multi-lingual menu guidance: German, English, French, Italian, Spanish, Dutch, Czech, further languages on request.
- ◆ Mobile wireless control pad for processing functions directly at the machine, e.g. during the material feed vacuum ON/OFF, set origin etc.
- ◆ Data format HPGL.
- ◆ Firmware-update from PC (remote maintenance with release of PC-control possible).
- ◆ Easier fault-finding with the error-log file.
- ◆ Newest steering system with flash memory, RS232, Ethernet, CAN-bus (industry standard), through this any number of tool axes possible.

Tool Highlights

- ◆ New MultiHead OT.T.T.M.P. IV, a powerful multi functional tool head with 3 tangentially-steered tool positions, instead of 2. Also available with only 1 tangentially-steered tool position (oscillating) (MultiHead OT.M.P. IV).
- ◆ With an even higher oscillating frequency.
- ◆ A color camera integrated in the MultiHead for the *Automatic Eye* camera system is also optionally available.
- ◆ Without changing the tool head an additional router can be mounted beside the tool head (as from 01/06)

OT.T.T.M.P. IV =

Oscillating T,angentially, T,angentially, T,angentially, Marker, Pointer, IV Generation

Alpha
↓
systems

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