

ARISTOMAT GL

High speed cutters with most modern technology

After the more than successful market introduction, ARISTO once again increases the productivity of their large GL-machines. With a completely new steering system, the throughput for large format processing with these production machines has been improved considerably. This makes the plotter even more interesting for automated volume production, from panel or roll materials.

Newly designed cutting table

Impresses with its non-fussy design and concentration on the basic essentials: a from all sides freely accessible work surface, extremely robust traverse bridge with minimal protruding at the sides and belt drive in all axis for slip-free drive. Powerful AC-servomotors enable the high throughput and the modern CAN-Bus-steering technique reduces the number of mechanical parts.

Powerful vacuum technique

Up to 90 controllable zones hold even the smallest of remnants safely on the work surface.

Simple operating

The *CutterControlPanel* Software offers totally new possibilities of user guidance.



Via PC-screen, all necessary information on cutting data is graphically depicted and

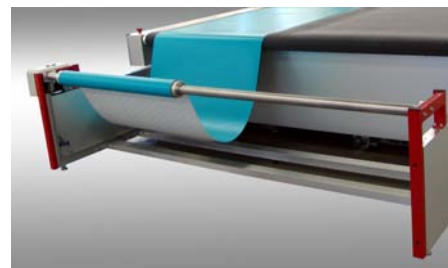


the user can comfortably steer the processing functions via mouse click.

Basic functions, such as hand steering or setting the origin, can be carried out from any area of the cutter using the mobile operating unit.

Material transport

To automate the processing, the machines can be supplemented with a revolving conveyor and a powered winding device for roll materials.



Multi-functional tool heads

for oscillating cutting, fixed cutting, scratching, creasing, marking...without having to carry out a tool change..

With up to three tangentially-steered tool axis and one or two marking modules to hold various pens, the MultiHead IV offers all of this.

This variety of possibilities for material processing can be supplemented with an integrated colour camera for the automatic measuring system Automatic Eye and the combination of a high-frequency routing spindle with a controlled z-axis.



So can, for example, a printed material panel be measured by the Automatic Eye system and subsequently cut out exactly on the outlines.



Specifications ARISTOMAT GL

ARISTOMAT	Outer dimensions ^① (BxLxH) mm	Max. Work area ^② (BxL) mm	Speed ^③ adjustable via software <i>CutterControlPanel</i>	Acceleration ^③
GL 2032-8	2600 x 4220 x 1090	2040 x 3200	max. 2300 mm/s	max. 2 G
GL 2072-8	2600 x 8180 x 1090	2040 x 7160	max. 2300 mm/s	max. 2 G
GL 2432-8	2960 x 4220 x 1090	2400 x 3200	max. 1700 mm/s	max. 1.5 G
GL 3232-8	3800 x 4220 x 1090	3180 x 3200	max. 1700 mm/s	max. 1.5 G
GL 3252-8	3800 x 6200 x 1090	3180 x 5180	max. 1700 mm/s	max. 1.5 G
GL 4232-8	4890 x 4220 x 1090	4260 x 3200	max. 1700 mm/s	max. 1.5 G
GL 4252-8	4890 x 6200 x 1090	4260 x 5180	max. 1700 mm/s	max. 1.5 G

Input buffer	PC controlled
Suitable for material thickness	max. 55 mm
Static repeatability	± 0.08 mm
Control circuit and drives	Digital AC servo motors
Data format	HPGL compatible, with extended command set
Vacuum	
GL 2032-8, 2072-8, 2432-8	5.5 kW or 2 x 5.5 kW pump systems; adjustable matrix vacuum zones
GL 3232-8, 3252-8, 4232-8, 4252-8	2 x 5.5 kW or 3 x 5.5 kW pump systems, adjustable matrix vacuum zones
Voltage	3-phase fixed connection, 400 V, 50 Hz or 460 V, 60 Hz; 20 A with a 5.5 kW pump system, 32 A with a 2x 5.5 kW pump system and 50 A with a 3 x 5.5 kW pump system
Interface	RS 232C/V.24
Operating	Universal control software <i>CutterControlPanel</i> for Windows XP; multilingual: English, German, French, Italian, Polish, Dutch, Czech, other languages on request. Mobile control pad.
Safety / Certification	CE-label; Emergency stop; Light barrier; Collision shut-off

① The dimensions only refer to the basic machines without tool head, material transport systems and unloading table.

② Work area for one tool. With machines with conveyor the work width is reduced by 100 mm.

③ Available only in connection with relevant options and tool heads.

Other sizes available on request.

Options

- Ultrasonics collision shut-off
- Conveyor system *
- PC table
- Motorized unwinding device for large material rolls
- Material clamp system

* (Availability depends on the machine size)



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