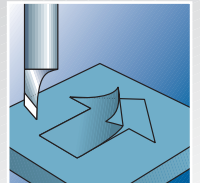
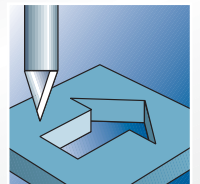


AIRISTO

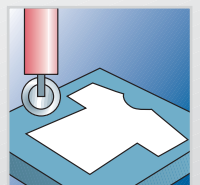
Digital Cutting



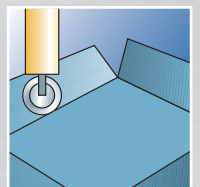
Kiss-cutting



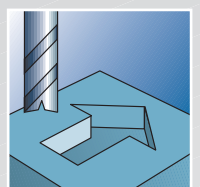
Die-cutting



Wheel cutting



Creasing



Routing

ARISTOMAT – Technical Specifications



ARISTOMAT TL



ARISTOMAT GL

	ARISTOMAT CL	ARISTOMAT SL	ARISTOMAT TL	ARISTOMAT GL
Acceleration*	max. 0.7 G	max. 1.1 G	max. 1.1 G	max. 2 G
Speed*	max. 700 mm/s	max. 1400 mm/s	max. 1130 mm/s	max. 2300 mm/s
Input buffer	400 KB		dependent on the PC drive	
Suitable for material thickness	max. 35 mm		max. 46 mm	max. 55 mm
Static repeatability	±0.02 mm		±0.02 mm	±0.08 mm
Vacuum	1.1 kW or 3 kW pump system; adjustable format vacuum zones	1.1 kW up to 5.5 kW pump system; adjustable format, strips or matrix vacuum zones	3 kW up to 2 x 5.5 kW pump system adjustable matrix vacuum zones	5.5 kW up to 3 x 5.5 kW pump system
Control circuit and drives	Digital Servo motors		Digital AC Servo motors	
Data format	HPGL compatible, with extended command set			
Voltage	230 V, 50/60 Hz, 16 A with 1.1 kW pump system; 400 V, 3~phase fixed connection, 50 Hz with 3 kW pump system		400 V, 3~phase fixed connection, 50 Hz; 16 A with 3 kW, 20 A with 5.5 kW, 32 A with 2x 5.5 kW and 50 A with 3x 5.5 kW pump system	
Data interface	RS 232 C/V.24; 25 pin Sub			
Data transmission rate	300 - 19200 Baud		38400 Baud	
Protocol	XON/XOFF or DTR		-----	
Operating	Integrated console with function keys and multi-line display. Multilingual: English, German, French, Italian		PC-software <i>CutterControlPanel</i> for Windows XP; Multilingual: English, German, French, Italian, Polish, Dutch, Czech, other languages on request. Mobile control pad.	
Safety / Certification	Emergency stop. Manufactured according to CE approval.	Emergency stop; Light barrier; Collision shut-off. Manufactured according to CE approval.		
Ambient conditions	283 k – 303 k (+10° C up to +30° C) rel. humidity 40 – 80% non-condensing			

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

ARISTO. House of Precision.

The new generation of ARISTOMAT high speed cutters -

ARISTOMAT GL und ARISTOMAT TL - captivate through

- new clear-cut design
- most modern technology
- slip-free drive
- even more efficient vacuum
- intuitive menu prompt with PC-software ARISTO *CutterControlPanel*

ARISTOMAT high speed cutters are of rugged design for durability and render precise and reliable service.

The machines are layed out for continuous production. A large variety of materials can be processed computer controlled.

A comprehensive catalogue of tool heads, accessories and peripheral support modules complements the line of cutters:

- Numerous single- and multistation tool heads, tangentially controlled.
- High performance vacuum conveyor.
- Heavy duty material feed and wind up system for roll stock.
- Intelligent camera system *Automatic Eye* for the correction of distortion and misalignment of printed materials.
- ARISTOprotection system for the optimal processing of material remnants.

The modular and open structure enables ARISTO to offer system solutions to digitally cut materials of different properties, as used in i.e. display graphics, carton/box and textile applications.

QUALITY MANAGEMENT
Certified
Regular voluntary monitoring conform to ISO 9001:2000



ARISTO



In contact... ...with the world ...with tomorrows technology

ARISTO was founded in 1862 in Germany as manufacturer of mathematical and surveying instruments. From their long tradition of precision and innovations ARISTO has acquired an excellent world wide reputation with e.g. slide rules, coordinatographs or electronic calculators.

ARISTO became a pace-setter in the field of graphic data-processing with plotters, digitizers and application systems. As early as 1959 the first computer controlled plotter, named ARISTOMAT, was introduced. Then the machines were mere drawing plotters – now in their present generation, the ARISTOMAT-series are universal XY-robots.

Today, ARISTO is a leading manufacturer of high speed cutters and precision digitizers. The ARISTO trademark is acknowledged and protected in many countries.



ARISTO

ALPHA SYSTEMS
/GmbH & Co. KG

ALPHA SYSTEMS LTD
Unit 1326, HITEC.
1, Trademart Drive, Kowloon Bay
HONG KONG
Tel.: +852 2572 1085
Fax: +852 2838 4965
e-mail: info@CADmachinery.com

www.CADmachinery.com

Handed out by: