

## ARISTOMAT LFC - Large Format Cutter > 5,000 mm

Finishing in the LFP sector is today changing. Increasing printing speeds and ever larger formats of digital printers require new manufacturing strategies in finishing processing. The ARISTOMAT LFC, specially designed for the cutting of large format roll and sheet materials, offers the conditions for an optimized work flow.

### Designed cutting table

Ergonomic and functional 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 slipfree drive. Powerful AC-servomotors and the modern CAN-Bus-steering technique enable the high performance.

### Powerful vacuum technique

Up to 255 controllable vacuum zones ensure for best power distribution. So even smallest remnants are securely held on the work surface.

### Simple operating

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

### Various tool heads

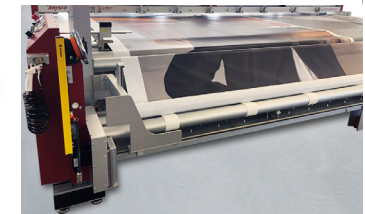
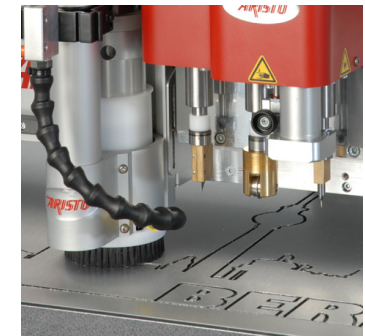
Combinable single and multifunctional tool heads with tangentially controlled tool holders and a large number of precision tools, offer the possibility of

processing a varied choice of materials.

This variety of possibilities for material processing can be supplemented with the automatic measuring system *AutomaticEye* and the providing of data via mobile barcode reader.

### Material transport

The heavy duty version of the conveyor and individually adjustable material clamps ensure an automatic further transport of rolls and sheets. For flexible materials, optional unwinding devices allows an automatic feeding of the material from the roll onto the ARISTOMAT.



## Technical Specifications ARISTOMAT® LFC

ARISTOMAT®	Travels W x L mm (inch)	Outer dimensions <sup>1</sup> W x L x H mm (inch)
LFC 2332 / LFC 2332 C	2.575 x 3.440 (101 x 135)	3.390 x 4.785 x 1.144 (133 x 188 x 45)
LFC 2352 / LFC 2352 C	2.575 x 5.420 (101 x 213)	3.390 x 6.765 x 1.144 (133 x 266 x 45)
LFC 2372 / LFC 2372 C	2.575 x 7.400 (101 x 291)	3.390 x 8.745 x 1.144 (133 x 344 x 45)
LFC 3332 / LFC 3332 C	3.615 x 3.440 (142 x 135)	4.425 x 4.785 x 1.144 (174 x 188 x 45)
LFC 3352 / LFC 3352 C	3.615 x 5.420 (142 x 213)	4.425 x 6.785 x 1.144 (174 x 266 x 45)
LFC 3372 / LFC 3372 C	3.615 x 7.400 (142 x 291)	4.425 x 8.745 x 1.144 (174 x 344 x 45)
LFC 5232 / LFC 5232 C	5.345 x 3.440 (210 x 135)	6.155 x 4.785 x 1.144 (242 x 188 x 45)
LFC 5252 / LFC 5252 C	5.345 x 5.420 (210 x 213)	6.155 x 6.785 x 1.144 (242 x 266 x 45)
LFC 5272 / LFC 5272 C	5.345 x 7.400 (210 x 291)	6.155 x 8.745 x 1.144 (242 x 344 x 45)

Material clearance thickness	max. 60 mm (max. 2.36 inch) depending on the tool head and protective underlay
Input buffer	PC controlled
Control circuit and drives	Digital AC servo motors
Data format	HPGL compatible, with extended command set
Vacuum	Adjustable matrix vacuum zones
Power supply	3-phase fixed connection, 400V, 50Hz
Operating	ARISTO 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
Ambient conditions	
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)
Rel. humidity	40 - 80% non-condensing

1. The dimensions only refer to the basic machines without tool heads and options. Further sizes on request.

### Options

- ✓ Motorized unwinding devices for roll materials
- ✓ Material clamp system
- ✓ Various combinable tool heads
- ✓ Data base *CutRecall* for saving, calling and editing of all material and process specific parameter settings
- ✓ Intelligent camera system *AutomaticEye* for the exact cutting of printed patterns
- ✓ Mobile BarcodeReader for automatic assignment of cutting data
- ✓ Projection of the cutting outline onto the material