

EDGEMASTER – GALAXY

AUTOMATIC BEVELLING MACHINE WITH OT WITHOUT XRAY DRILL REFERENCE FOR PCBs



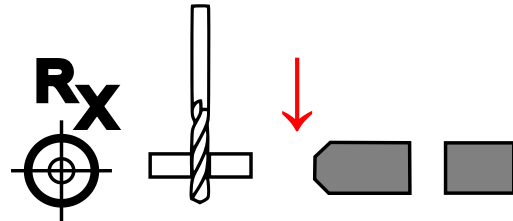
Available configurations:

- Only beveling
- X Ray drilling and beveling

Beveling only for multilayer boards / double-sided PCBs



Multilayer drilling and beveling



The EDGEMASTER and GALAXY are the ideal solution for those looking for compactness, efficiency and ease of use in PCB processing. With a single machine you can achieve the beveling of the PCBs surface with the basic machine and also the placing of the reference holes by working with a X Ray solution with the upgrade machine able to let you put in place holes with a high precision on multilayer circuits. Thanks to simple and quick adjustments, the production type can be changed rapidly, allowing the machine to be easily adapted to different production requirements.

A PC monitor as interface can cooperate in order to give to you the best information about the setup and the running work

Built using high-quality materials and featuring ensures high reliability, robustness and long service life.

Operation is straightforward and requires only basic operator training.

The operator can work in complete safety and comfort: the PCB simply needs to be loaded into the working area and, depending on the selected processing mode, the required operations are performed.

At the end of the cycle you will have on a trolley your PCBs worked properly for the next production steps

The data and images contained in this datasheet are for indicative purposes only and may be subject to change without prior notice.

100% MADE IN DVBE

- Origin & Manufacturing: Fully designed, engineered, and manufactured in-house (100% In-House Production).
- Machining & Reliability: High-precision mechanical processing ensuring long-term reliability and accuracy over time.
- Service Life Expectancy: > 30 years, backed by decades of specialized industry expertise.
- Maintenance: minimal, restricted to scheduled inspection and replacement of wear parts.
- Ergonomics & Safety: ergonomically optimized design to minimize operator physical fatigue and overload during operation



Customization Options:

Tailor-made machine configurations available to process materials with custom dimensions or specific technical properties. Contact our engineering team for bespoke solutions.

TECHNICAL DESCRIPTION

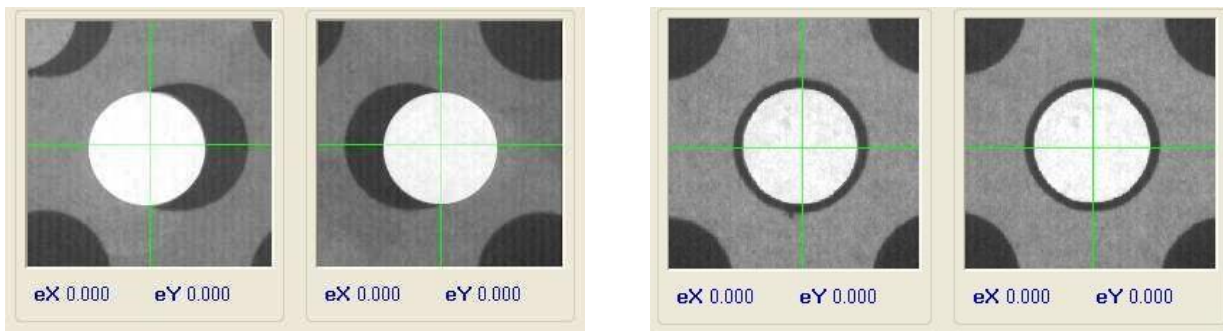
GENERAL

- Installation & Commissioning: Fast and straightforward plug-and-play setup.
- Operator Training: Zero specialized training required; fully intuitive operation

MECHANICAL

- Construction Materials: Premium-grade painted steel, stainless steel, and anodized aluminum.
- Surface Treatments: Engineered surface coatings applied to enhance durability and support low-maintenance performance.

GALAXY HOLES CHECK PROCEDURE



EDGEMASTER / GALAXY



TECHNICAL DATA

WORKING LIMITS		
PCB THICKNESS	0.5/5mm (max)	
PCB DIMENSIONS	700x700mm (after beveling)	305-700mm (min/max)
PCB DIMENSIONS + FLASH	750x750mm	
KIND OF MACHINE	ORDER DIMENSIONS	WEIGHT
STAND-ALONE EDGEMASTER	3800x1800 h1700mm	1100Kg
STAND-ALONE GALAXY	4800x1800 h1700mm	1500Kg
AIR INLET CONNECTION		
ALL VERSIONS	6 bar	
MAIN POWER		
EDGEMASTER	400Vac 3 phase + N + Earth– 6KW	
GALAXY	400Vac 3 phase + N + Earth– 8KW	
COMMON DATA		
Panel hold-down	Venturi system	Suction area: 208 x 118 mm.
Maximum target detection area	720 x 580 mm.	
Maximum drilling area	740 x 580 mm.	
Central non-detectable area	240 x 150mm.	In the center of the table.
Maximum panel dimensions	760 x 600mm.	
Minimum panel dimensions	300 x 300 mm.	
Panel thickness	0.3 – 5 mm.	
Maximum panel weight	To be defined	Dependent on the characteristics of the multilayer
Flash width	From 10 to 25 mm.	
Recommended target diameter	0.5 – 2.5 mm.	
Drilling diameter	2 – 5 mm.	
Process time	45 sec.	4 targets + 3 holes – Including operator panel load.

CONFIGURATION OPTIONS

KIND OF MACHINE	ORDER CODE
STAND-ALONE STRUCTURE	EDGEMASTER-SP-25
STAND-ALONE STRUCTURE	GALAXY-SP-25

OPTIONAL

	AUTOMATIC DRILL CHANGE	AUTOMATIC DRILL CHANGE FOR GALAXY MACHINE
	TROLLEY	EXTRA TROLLEY FOR PRODUCTION

TECHNICAL DIMENSIONS

EDGEMASTER	3800x1800 h1700mm
GALAXY	4800x1800 h1700mm