

Crest's revolutionary Heavy Duty Board Cutters adds a completely new dimension to cutting technology, by making light work of cutting, trimming and scoring even the toughest materials. The machine is fast, accurate, clean, silent and can handle a wide range of heavy duty materials which would previously have

required the use of a power saw. The machine is developed as a high quality production machine with a fast pneumatic clamping bar and high cutting speed, driven by a powerful motor allowing fast production cycles. The machine is developed and produced in Crest's factory in the Netherlands.



Dust free cutting

The cutting technology used completely eliminates irritating dust, noise and fumes produced by alternative cutting methods. This is a big benefit when the machine is in the same area with laminating machines.

Working position

It is possible to use the machine in two positions, vertical to save space, or horizontal. In this case the control panel can be moved to the front of the machine for easy access.

Technical Specifications

Heavy Duty Board Cutter

Weight

Unpacked : 460 kg

Dimensions

Unpacked

Machine height (upright position) : 4100 mm (164,4")
Machine width (over rulers) : 2800 mm (110,2")
Machine depth excl. work space : 1260 mm (49,6")

Voltage

230 Vac, 50/60 Hz (110 Vac on request)
Power 300 W

Compressed air requirements

6 bar, 1.2 l/min during operation

Maximum Speed

Maximum cutting speed : 40 cm/s

Material limits for panels

Maximum cutting length : 3200 mm (126')
Maximum product thickness : 30 mm (1.18")

Tolerances

Cutting straightness over 3200mm +/- 0,1mm

Noise level

Less than 70 dB(A)

Advanced Cutting Guide

A red line laser ensures a perfect alignment along printed images on a board

Details are correct at the time of publication.

Crest Dutch Machinery B.V. reserves the right to alter specifications at any time.

Materials

MATERIAL	MAX .THICKNESS	METHOD
Rigid Polystyrene, white	3 mm (1/8")	Cutting
Cardboard	3 mm (1/8")	Cutting
Foamcore board	19 mm (3/4")	Cutting
Rigid Foamed PVC (Forex®)	10 mm (3/8")	Cutting
Gatorfoam (Kapa-Bloc®)	19 mm (3/4")	Cutting
Rigid Polystyrene, clear	4 mm (1/6")	Scoring (optional tool)
Acrylic (extruded)	4 mm (1/6")	Scoring (optional tool)
Glass	4 mm (1/6")	Scoring (optional tool)
DiBond®	4 mm (1/6")	Cutting or V-Groove
Re-Board® Falconboard®	30mm (1.18")	Cutting
Tunnel board (Polycarbonate)	6 mm (1/6")	Cutting

It may be possible to cut other materials but due to the fast changing nature of the board industry we cannot claim to have tested all substrates. Listed here are a few that we have tested and cut in our Research and Development department.