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## Die Less Cutter (CZ/XL)

The 94" wide cutting area of the CZ/XL allows for efficient non-stop cutting of your largest leather hides. Includes the same tilted work area and continuous conveyor as the CZ/M and CZ/L.



## Features

### Features

- Modular Cutting Head – Includes an electric cutting head, punch tool, and pen marking tool. Designed in a modular way for easy maintenance.
- Punching – Punching unit with 5 tool slots. Tool size ranges from 0 (pin or prick tool) to 5 mm. The punch rotates as it penetrates the material for clean cuts.
- Pen Marking – For marking stitching lines, part sizes, part numbers, etc.
- Cutting Knives – Five pieces of standard 2 mm tip specially processed steel cutting blades are included with the machine.
- Vacuum Under Cutting Surface – The vacuum holds the material down as it is cut. There are many vacuum sectors, automatically controlled by the machine, in order to focus vacuum strength where it is needed. The vacuum system includes a muffler and vertical exhaust tube.
- Laser Projection – The laser projection system projects a sharp green laser light onto the cutting surface and is visible in bright and low light conditions across almost all materials. Laser projection is used for cut part placement during manual nesting.

# Options

## Machine Options

- Roll unwinding device – Automatic feeder for certain roll materials. Roll specifications must be confirmed.
- Forward Cutting Area Photocells – Photocells stop the cutting heads from moving when the operator needs to reach into the cutting area. Photocells are set at a height that allows material to feed but detect any “reach in” movements.
- Rear Cutting Area Guarding – Rear guarding ensures the operator responsible for cut parts collection cannot access the cutting area or the cutting head mounting bars.
- Inclined Continuous Cutting Surface Conveyor – The cutting conveyor transports material from the nesting area to the cutting area and to the collection area. The conveyor is separated into two layers. A consumable soft upper belt is mounted on top of a harder lower belt.
- Light Roll Material Feeding Cradle – The roll material cradle is located in the front of the machine below the nesting area. Once the material is placed on the conveyor belt, the CM-44CN’s vacuum system will feed the material across the cutting area and through to the collection area.

# Specifications

<b>Cutting Area</b>	2400x850
<b>Cutting Speed</b>	50m/Min.
<b>Power Consumption</b>	8/15 KW
<b>Power Supply</b>	400V-50HZ
<b>Punching Frequency</b>	300/Min.
<b>Resolution</b>	0.025mm

# Industries

## Designated Industries

- [Aircraft](#)
- [Automotive](#)
- [Clothing](#)
- [Foam](#)
- [Footwear](#)
- [Gasket](#)
- [Leather and Fancy Goods](#)
- [Medical](#)
- [Rubber](#)
- [Textile](#)

# Applications

## Designated Applications

- [Automatic die cutting \(rolls\)](#)
- [Automatic die cutting \(sheets\)](#)
- [Cut to registration](#)
- [Die-less cutting systems](#)
- [Manual die cutting](#)