

The RSC CI has been developed to cut (slitting and cross cutting) all kind of materials, such as Paper, Foil, Vinyl, Fabrics, Carpet, Foam, etc., from roll to sheets, for the Sign-, and Converting industries.

The machine has a Colour Touch-Screen operating panel, and is PLC controlled. The machine is available in 2 working widths, 1600mm (63inch) and 3200mm (126inch) wide.

The machine is developed and produced in Crest's factory in the Netherlands.



Cross cutting options:

- Manual positioning and cutting
- On programmed length
- Recognizing printed cutting marks, and cut the waste between two printed images from a roll

Process Options:

- Cross cutting (without slitting) into sheets
- Slitting and cross cutting into sheets (option)
- Winding from roll to roll (option)
- Slitting into strokes from roll to roll (option)
- Slitting the both sides (waste) from roll to roll (option)

Technical Specifications

Roll Sheet Cutter 1600/3200 CI

Weight

Unpacked : 650/900 kg

Dimensions

Height (incl. lightbox) : 2100/2100 mm
Width : 2600/4200 mm
Depth excl. work space : 1400/1400 mm

Voltage

230 Vac, 50/60 Hz 5 Amps (full option 10 Amps)
(110 Vac on request)

Compressed air requirements

6 bar, 1.2 l/min during operation

Maximum speed

Maximum transport speed : 15 m/min
Cross cutting cycle time : 4 sec. (for 3200mm)

Material limits

Maximum roll diameter : 500mm
Maximum roll weight : 80 Kg

Tolerances

Position accuracy : +/- 1mm

Noise level

Less than 70 dB(A)

Features

- Skew function for adjusting alignment of cuttingline to image (+/- 5mm)
- 4 cold slitting knives
- Rotation selection unwind
- Joy stick for manual feeding and positioning
- Automatic web tension control
- Pneumatic operation of feedroll by footpedal

Options

- Light box for image inspection. (to easily scan material/printing errors)
- Heated cutting knife system air controlled (2x straight "V" airknife) with one common controller (0-100%), for cutting textiles.
- Additional heated cutting knife unit air controlled.
- Automatic web control, for not proper winded rolls.
- Extra windup unit for roll to roll. (Up to 2 positions)
- Cold cutting system air controlled (2x airknife round 76 mm)
- Additional cold cutting knife unit air controlled
- Heated cross cutting system
- Sheer cutting system, optimizes cutting edge for special media
- Other options on request.