



CONNECTOR  
WORLD TRADE

## HSGM HSG-G2S-50/80/100-E Industrial Automatic Rope & Belt Cutting machine

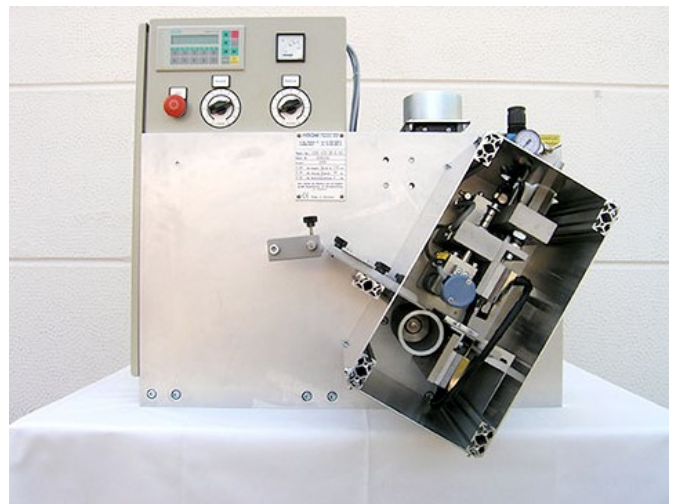
With our thermal cutting system it is possible to cut synthetic fabric, such as ropes, belts and straps to length.

An electric heated blade separates, in a "one phase of operation", the material by heat and seals the cutted edges to prevents fraying.

For heat cutting we will use our proven cutting system with "two blades towards each other" without base.

### Fully automatic functions:

- The material (rope, belt, strap) is pulled from a roll or barrel
- Length measuring
- Piece counter
- Cutting/perforating of the material
- Automatic material limit switch



### Technical information:

Control:	Control-panel (Siemens OP77A).
Conveying speed:	0 - 50 meter per minute, infinitely adjustable.
Movement of the blade:	pneumatic.
Belt width:	50 - 80 - 100 mm (depending of type).
Belt thickness:	5 mm max.
Rope diameter:	10 mm max.
Length measure:	From 20 mm till 1000 m, adjustable per mm, indicated digital.
Piece counter:	" <b>Total number</b> " can be programmed, machine stops operation when " <b>set number</b> " has been cut. Separate indication of " <b>pieces to cut in total</b> " and " <b>already cut pieces</b> " during operation, indicated digital.
Operation:	Fully automatic, machine stops at end of material flow or malfunction.
Cutting element:	Electric direct heated blade. Heating time approx. 90 sec. till max. 600 °C.
Controle:	Programmable controller (PLC/SPS).
Temperature:	100 - 600 °C, infinitely variable.
Voltage:	230 Volt - 50 / 60Hz (110 Volt on demand).
Power input:	800 VA.
Air pressure:	6 Bar.
Dimension:	700 mm x 640 mm x 615 mm (B x H x D), depending on type.
Weight:	ca. 80 kg, depending on type.

### Options:

- Cold cutting with scissors system.
- Uncoiling if required.

