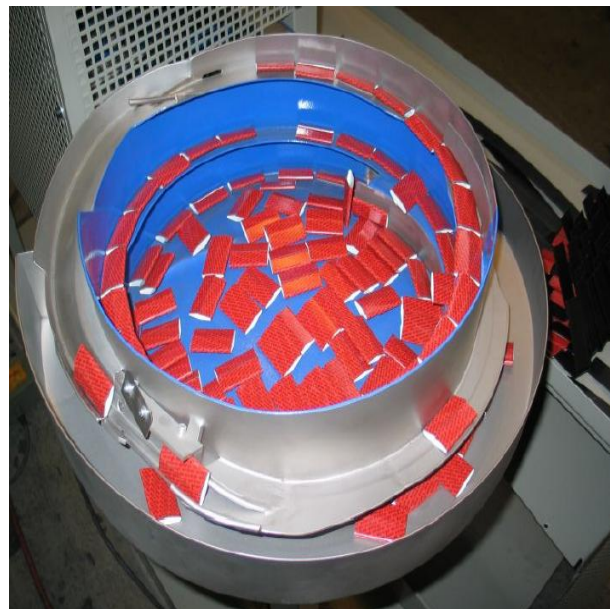


M-CTL 16-32 Strap Cut-To-Length Robot



The MCTL, shown here with optional strap table, enables steel strapping or PET Polyester strapping to be cut to pre-determined lengths fully automatically. The unit is prepared for 16-32 mm steel strapping up to 1,6mm thick and PET strapping from 16 to 32mm width and a gauge of up to 1,3 mm



The main M-CTL robot is a highly compact, flexible unit which can cut straps to a pre-selected length and the number of straps can also be selected. Once the number of straps and their length has been entered into the system the unit works fully automatically. The unit can also be equipped with an optional seal feed and bender unit to produce pre-cut strap with push-type seals already applied to the straps

M-CTL 16-32 Strap Cut-To-Length Robot

The M-CTL-16-32 is robust, simple to use and maintain as it has been designed as a modular unit with a range of machine options. It can automatically cut to length strapping to length and the number can be selected on the machine control panel. If required the steel strap ends can also be rounded cut to reduce possible snagging or injury when using the pre-cut straps. The unit reduce manual labour needs and simplifies the operation to produce pre-cuts straps, for packaging or for truck or container load unitizing.

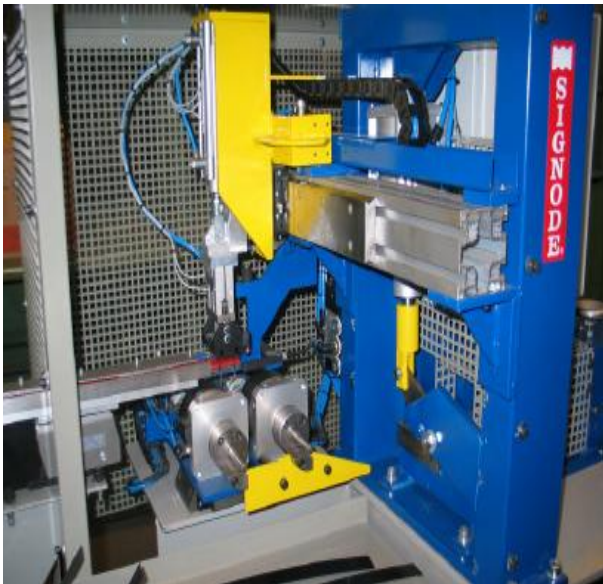
- High production throughputs in continuous strap pre-cutting operations with reduced manpower needs
- Maximum up-time with Signode's 16-32mm steel and PET straps
- Pre-selection of strap length and number, seals can also be added to the strap if required
- Increased flexibility with option modules – creates a system to suit most customers pre-cutting needs
- Lower cost of ownership with easy low service & maintenance – reduced number of moving parts

M-CTL 16-32 Options

- Machine sub-frame to customer specs.
- Cut-to-length strap table – 5m std.
- Round strap end cutter (steel only)
- Additional steel or PET dispensers.
- Jumbo coil dispensers for PET (150kg coil)
- Jumbo coil dispenser for steel (450kg coil)
- Seal applicator unit and bender unit with seal feed and gripper unit
- Machine Safety guarding package
- Other colour paint finish
- Other PLC control system

Technical Specifications

- | | |
|------------------------|------------------------------------|
| • Strap Dimensions | 16-32mm Steel
16-32mm Polyester |
| • Strap Gauge | 0,6-1,6mm steel
0,8-1,3 mm PET |
| • Tensile strength | 1.000 Nm (steel) |
| • Strap Feed speed | 0,4 m/sec |
| • Strap Length | Variable |
| • No. of Straps | Variable pre-selection |
| • Strap Dispenser | 25-50 kg as std. |
| • Controller | Siemens S7-200 |
| • El. Connection | 400V 3Ph 50Hz |
| • Control Voltage | 24 V DC |
| • Pneumatic Connection | 5-6 Bar |
| • Machine weight | 80 kg approx |



Optional seal feeder unit:- the seals are fed from the vibrating seal hopper into the seal guide magazine. The robot gripper unit takes the metal seal and inserts it into strap bender unit before the strap is fed into the seal holder unit. This seal guide magazine ensures that all seals are correctly positioned and orientated before entering the seal gripper and strap bender unit.