

Product Data Sheet

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Stripping Machine US 2545



Features & Benefits

- Sensor activated stripping process
- Ideal for wire harness processing
- Processes varying cable diameters without changing blades
- Simple selection of continuously variable parameters
- Stripping length up to 45mm (only partial stripping possible)
- Visual monitoring of stripping process
- Easy maintenance and cleaning
- Stripping of wire, cable and fiber optic cable jackets

The US 2545 is a high performance, pneumatically operated bench top cable and wire stripping machine as well as a jacket stripping machine for fiber optic cable. Its stripping capabilities and absolute positional repeatability, simple cable presentation and automatic sensor activation of the stripping process make for the easiest possible operation and extremely short cycle times.

When cable makes contact with the sensor, the cable clamping and centering jaws close. The stripping blades cut the insulation to the preselected depth (conductor-diameter setting or inner diameter of the jacket) and partially strip the insulation (it is not possible to take insulation off completely) to a preselected length (strip length setting).



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Specifications

Wire size range	0.05-2.65 mm ² (AWG 32-14)
Max. cable diameter (O.D.)	32 mm (0.125")
Precision of diameter setting	0.02 mm (0.001")
Range of strip length	25 -45 mm (1"-1.77")
Range of partial strip length	0-20 mm (0-0.787")
Graduated partial strip increments	1 mm (1/16")
Cycle times (for max. strip length)	approx. 0.3 s
Type of stripping blade	V-blades or standard die blades
Insulation of materials handled	PVC, Tefzel, Kynar, Kapton, etc.
Compressed air required	5-7 bar (75-105 psi)
Compressed air consumption (at 6 bar/87 psi)	0.281/operation (0.02 ft ³ /operation)
Noise level	< 75 dB (A)
Dimensions (L x W x H)	220 x 60 x 160 mm (9.0 x 2.5 x 6.5")
Weight (net/gross)	2 Kg/2.4 Kg (4.5 lbs/5.3 lbs)

Ordering Information

US 2545 Stripping Machine