

Molex's Pneumatic Bench-Top WS-1000 Wire-Stripping Machine strips a wide range of AWG and metric wires plus insulation material, resulting in reduced crimp-machine cycle times for contract manufacturer's and harness houses

The WS-1000 Pneumatic Bench-Top Wire-Stripping Machine is capable of stripping standard PVC-type wire insulation from 0.03mm² to 6.00mm² (10 through 32 AWG) with the standard V-blade which comes with the machine. This semi-automatic stripping unit can be used with many different insulation types made from natural and synthetic materials, such as rubber, PUR and Teflon*.

This wire-stripping machine is an inexpensive, pneumatically controlled, semi-automatic bench-top operation for mid-volume production. For additional information visit: www.molex.com/link/ws1000.html.

WS-1000 Pneumatic Bench-Top Wire-Stripping Machine

- 63801-9200 Bench-Top Wire Stripper for AWG Wire
- 63801-9250 Bench-Top Wire Stripper for Metric Wire

FEATURES AND BENEFITS

- Strips wire from 10 to 32AWG and metric wire, which will reduce investments for other wire preparation machines
- Strips multiple insulation and wire types, including rubber, Teflon, hook-up wire, flat cable, PUR wire and more resulting in lower investments
- Wire trigger for machine actuation, cycle time is reduced by not requiring a separate footswitch actuation
- Standard V-shaped blade adjusts for a full range of wire-strip diameter settings without the use of tools for quick production-run changes
- Self-centering clamping jaws and release sensors ensures high-quality, safe and efficient strips
- Blade customization is available for adaption to multiple cable types that allows for a wide variety of wire types
- Standard filter regulator is designed to use shop air to a maximum of 6 bar (87 psi) ensuring the air pressure does not exceed the maximum air requirements which can damage the machine
- Full and partial stripping of wire allowing for insulation to be pre-cut with insulation remaining to protect wire strands
- Distance from guard to blades is equal to or less than 9.00mm (.354"), short-stranded wire lengths can be processed

MARKETS AND APPLICATIONS

- Automotive Market
- Industrial Market
- Commercial Market
- Contract Manufacturers
- Design / Engineering Facilities
- Cable size applications to be used in the Molex WS-1000:
 - Round cables up to 5.00mm (.196") O.D.
 - Cross section from 0.15 to 4.00mm² (26 to 12 AWG)
 - Flat cables up to 8.00mm wide (.315")
 - Partial stroke from 1.00 to 15.00mm (.039 to .591")
 - Stripping length of 1.50 to 15.00mm (.059 to .591") total stripping
 - Removal length of 0 to 15.00mm (.591")



WS-1000 Bench-Top Machine

SPECIFICATIONS

Physical

Weight: 4.3kg (9.5 lbs)
 Width: 95.0mm (3.74")
 Depth: 280.0mm (11.02")
 Height: 165.0mm (6.50")

Mechanical

Air Pressure: 43 to 87 PSI (3 to 6 BAR)
 Air Consumption per cycle: 0.15 (0.005 cubic feet)
 Cycle Time: 0.5 seconds
 Production Rate: 3600 average cycles per hour approx. (dependent upon operator skill, product selection and wire length)

WS-1000 Pneumatic Bench-Top Wire-Stripping Machine

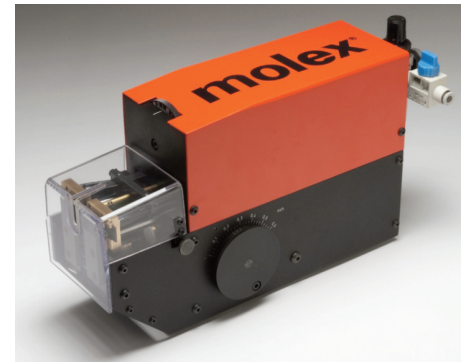
63801-9200 Bench-Top Wire Stripper for AWG Wire
 63801-9250 Bench-Top Wire Stripper for Metric Wire

ORDERING INFORMATION

Order No.	Component	Used with	Wire Product Range	Air Pressure	Cable Types
	WS-1000 Pneumatic Bench-Top Wire-Stripping Machine	AWG	10 – 32 AWG	3 – 6 bar (43-87 PSI)	Round and Flat
63801-9250		Metric	0.03 – 6.00mm ²	3 – 6 bar (43-87 PSI)	Round and Flat
63801-9271	Replacement Blade	AWG and Metric	(0.03 – 6.00mm ²) 10 – 32 AWG	N/A	Round Cable Blade
63801-9272		AWG and Metric	(0.03 – 6.00mm ²) 10 – 32 AWG	N/A	Flat Cable Blade

Similar Wire Strip Tools for Reference

Order No.	Tool Type	Description	PremiumGrade™
63817-0300	Hand Tool	PremiumGrade™ Heavy Duty Cable Strip Tool	Cable diameters up to 40.00mm (1.57")
63817-0400	Hand Tool	PremiumGrade™	Cable diameters up to 11.00mm (0.43")
64016-0040	Hand Tool	ServiceGrade™	10 – 22 AWG
63817-0000	Hand Tool	PremiumGrade	5 – 34 AWG
63801-9200	Semi-Automatic Bench-Top	PremiumGrade	0.03 – 6mm ² (10 – 32 AWG)
63801-9250	Semi-Automatic Bench-Top	PremiumGrade	0.03 – 6mm ² (10 - 32 AWG)



Bench-Top Wire Stripper
 (strips a wide variety of wire and cable)