



A E R O S P A C E P R O D U C T S

Yes, it is
rocket science.



Automatic Wire Strippers

STP Stripping System

When the leading aerospace engineers needed the ultimate stripping system, they came to IDEAL. This programmable Shielded Twisted Pair Cable Stripping system meets the strict tolerances demanded by the aerospace industry. The hot-blade thermal stripping system adjusts to protect shielded wire for accurate stripping every time.

- Automatically adjusts for cable up to .3125"
- Adjusts for strip length of 1" to 6"
- Cycles in as little as six seconds
- Stores up to 500 batch programs
- Features Password Security System
- Fits in a 24" workspace
- RS-232 Serial Data Communications Port



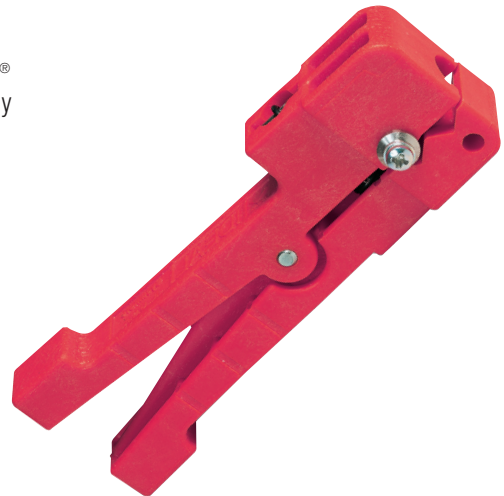
Description	Cat. No.
STP Stripping System	45-930

Cable Stripper

Ringer™ Shielded Cable Stripper

Built to handle most non-round cable, including extruded Teflon®, Kapton®, Tefzel® Kynar® and high-temperature insulated cable. These heat-treated, stainless-steel blades cut swiftly and accurately to get the job done right.

- Spring-loaded head provides even tension
- Heat-treated, stainless-steel blades resist wear
- Fixed blades are sized to insulation for accurate stripping



Description	Cat. No.
Cable Stripper (5 Mil insulation)	45-400
Cable Stripper (8-10 Mil insulation)	45-401
Cable Stripper (Cable diameters up to 0.12")	45-402
Cable Stripper (Cable diameters from 0.12" to 0.22")	45-403
Cable Stripper (With "deep V" for cable diameters up to 0.30")	45-404

Wire Cutter

T®-Cutter Lite Wire Cutter

In today's cutting-edge electronic production and assembly operations, the T®-Cutter Lite is a "must-have." Stranded or solid, copper or aluminum, this wire cutter cuts cleanly and accurately. Compact and lightweight with a cushioned ESD grip prove comfort and precision go hand-in-hand.

- Knife-type blade provides a shear-type cut
- Lightweight, compact design
- Perfect for copper and aluminum wire
- Cushioned ESD grip



Description	Cat. No.
T®-Cutter Lite Wire Cutter	45-260

Stripmaster® Model 950 Wire Stripper

Stripmaster® Model 950 Wire Stripper

Our top engineers designed this electrically operated, pneumatic precision wire stripping unit to get the job done right...every time. It accommodates six different wire diameters without switching tool or blade sets, making it one of the most versatile wire strippers IDEAL offers. Electronic triggering for easy and accurate strips. Meets military and commercial wire stripping specifications.

- Strips 30 AWG through 10 AWG solid or stranded wire
- Replaceable wire guide and blades for maximum flexibility
- Controls strip length accurately from .125" min to .630" max
- Enclosed blade and stripping area
- Individual adjustable strip lengths for each port



Description	Cat. No.
Stripmaster® Model 950 Wire Stripper	45-950

Pneumatic Wire Strippers

The new versatile and lightweight Pow-R-Lite™ II Pneumatic and Pow-R-Master® II Pneumatic Wire Strippers are designed for operator comfort while supporting a wide range of wire stripping applications. One-Touch lever actuation requires minimal hand pressure thereby reducing the potential for Repetitive Motion Disorder.

- Hand-held pneumatic powered wire strippers for various single wire conductors from 16-30 AWG
- Interchangeable blade offers wire application versatility using either the requirements of the Stripmaster® Die-Type blade series for Mil-Spec wire stripping or the Stripmaster® Knife-Type blade series for general purpose wire stripping applications
- Rotating stripping head for ease of left-hand or right-hand operation
- Adjustable Speed Control allows the operator to regulate the speed of the stripping operation

Description	Cat. No.
Pow-R-Master® II Pneumatic Wire Stripper*	45-2530
Pow-R-Lite™ Pneumatic Wire Stripper*	45-600

*Blades sold separately.



#45-2530

Pow-R-Master® Pneumatic Wire Strippers use same blades as Custom Stripmaster® and Stripmaster® Wire Strippers



#45-600

Pow-R-Lite® Pneumatic Wire Strippers use same blades as Custom Stripmaster® Lite and Stripmaster® Lite Wire Strippers

Ergo-Elite Stripmaster® Wire Stripper

Ergo-Elite Stripmaster® Wire Stripper

The new Ergo-Elite Stripmaster® Wire Stripper offers the latest light-weight, ergonomically engineered wire stripper for the aerospace industry. The tilted stripping head in this sleek 5 oz. design provides better leverage and clear view for wire positioning. The advanced jaw position ensures a quality strip, eliminates potential scraping of the inner conductor, while leaving squared shoulders on a wide range of wire gauges.

- **Constructed of rigid polyurethane reinforced with carbon fiber**
- **NEW unmatched Mil-Spec precision blades**
- **One-step stripping action grips, penetrates and removes wire insulation in one effortless squeeze**



Custom Stripmaster® Wire Strippers

Custom Stripmaster® Wire Strippers

The gold standard in hand-held wire strippers, the Custom Stripmaster® Wire Stripper features die-type blades for unparalleled accuracy. Counter-bored holes precisely center wire to prevent unwanted conductor contact, while MIL-spec blades dispense unwanted insulation.

- **Strips 30 AWG through 10 AWG solid or stranded wire**
- **Optional short stop latch**
- **Optional transparent wire stop**
- **Cushioned comfort-grip handles**
- **Replaceable grippers**
- **Die-type blade**



Custom Stripmaster® Lite Wire Strippers

Sometimes you've got a little less room to work, but still need every millimeter of accuracy. Our engineering team took the innovative design of the Custom Stripmaster® Wire Stripper and put it in a smaller package. At three-quarters the size and half the weight, the Custom Stripmaster® Lite Wire Stripper is designed with comfort, precision and durability in mind. The same MIL-spec quality in a smaller package.

- **Strips 30 AWG through 16 AWG solid or stranded wire**
- **Requires one-third less hand pressure**
- **Optional short stop latch**
- **Optional transparent wire stop**
- **Cushioned comfort-grip handles**
- **Replaceable grippers**
- **Die-type blade**



For information on the complete Custom Stripmaster® Wire Stripper line, call our Technical Services Hotline at 800-338-4495.

STP Jacket Remover

The new STP Jacket Remover offers the perfect solution for removing the outer jacket of Shielded Twisted Pair (STP) Cables. The compact, user friendly pneumatic STP Jacket Remover reduces the effect of Repetitive Motion Disorder by eliminating the manual removal of difficult STP jacket insulations up to .250" diameter. The partial strip mode slides the outer jacket up to .250" creating a window strip application. Its compact design requires minimum bench space with an option of vertical storage when not in use.

- Designed for removing the outer jacket of Shielded Twisted Pair (STP) cable
- Partial strip mode
- Compact bench machine design
- Easy view wire entry port
- Removes outer jacket insulation up to .250" diameter



Description	Cat. No.
STP Jacket Remover	45-910

Heat Elite Heat Guns

These IDEAL Heat Guns employ highly useful technical features for limitless applications. Three different heat guns allow users to fit capabilities to their own needs. The Heat Elite has a two-step on/off temperature and airflow control switch for general applications. For more specific temperature control, the Heat Elite Pro features a stepless temperature adjustment dial. And for the greatest level of control, the Heat Elite Plus employs an intelligent LCD digital terminal with seven preset application functions.

Heat Elite Plus LCD

- Programmable temperature range: 180°C - 1200°F
- Temperature and airflow independently controlled by LCD digital terminal
- Seven preset application functions for shrinking, forming, welding, soldering, paint stripping, drying and manual operation

Heat Elite Pro

- Variable temperature range: 180°C - 1200°F
- Two-step on/off temperature and airflow control switch

Heat Elite

- Dual temperature range: 660°C - 930°F
- Two-step on/off temperature and airflow control switch



Description	Cat. No.
Heat Elite	46-202
Heat Elite Pro	46-203
Heat Elite Plus LCD	46-204



Free Application Engineering Service

Whatever your particular wire or cable preparation challenge, we're ready to assist you with practical solutions. Simply send us at least five feet of your wire or cable and complete the questionnaire below. Mail to:

IDEAL INDUSTRIES, INC.

Becker Place, Sycamore, IL 60178

Attn: Wire Stripping Applications Analysis

We'll quickly recommend a practical stripping, cutting or crimping solution designed to meet your needs. Remember, this is a free service that we're eager to provide whenever you need it.

For immediate assistance, call our Technical Services Hotline at 800-338-4495.

Free Application Engineering Service for Wire Stripping Recommendations

Completion of this information is a request for recommended tools or equipment only and does not place the individual or the company inquiring under any obligation to purchase. This is a free service of IDEAL INDUSTRIES, INC.; Sycamore, Illinois.

Please enclose at least five feet of your wire or cable and answer the following questions to expedite a reply for your particular application.

1. Method Preference:

- ☐ A. Hand Type
- ☐ 1. New Ergo-Elite Stripmaster® Wire Stripper
- ☐ B. Production Strippers
- ☐ 1. 45-930 STP Stripping System
- ☐ 2. 45-950 Stripmaster® Model 950 Wire Stripper

2. Stripping Tolerance:

- ☐ A. Precision
- ☐ B. Non-Precision

3. Present Method: _____

4. Type of Insulation: _____

5. Wire Gauge: _____

6. Remarks/Requirements:

7. MIL-spec: _____

8. Number of Strips per Day: _____

9. Cable Dimensions: _____

Write in the appropriate dimensions for each cable type submitted. Failure to complete the necessary dimensions will delay our recommendation.

End User Information

Please enclose business card or complete the following:

Name _____

Title _____

Company _____

Street _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-Mail _____

IDEAL, the leader in precision wire stripping tools for the aerospace industry



Every aspect of the aerospace industry demands precision and accuracy. That includes wire processing – our area of expertise at IDEAL.

Since the early stages of aerospace technology, we have been a leader in addressing wire processing demands. In the 1950s, IDEAL was the first manufacturer to design proprietary die-type blades to custom strip wire critical to new aerospace developments. That dedication continues today. Working with both wire manufacturers and aerospace engineers, we develop unique blades with tight tolerances that strip wire accurately and dependably.

We continue our support by supplying aerospace leaders, including NASA, with superior wire processing solutions. Trust IDEAL. From helpful seminars and in-field training to innovative and dependable products, we steer a steady course for the aerospace industry.



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