

Eubanks


MODEL 2745-06 PNEUMATIC STEEL CABLE CUTTER



CAPACITY
.187” (4.7mm) Max. O.D.
Cable Dependent

Soft Steel or Case Hardened Rope

0.187” O.D. (4.7mm)

Bare Solid Soft Steel Wire

.100” (3.1mm²)

Small steel cables also known as steel rope are used for everything from automotive clutches and braking systems to electronic security devices in retail stores. The smallest of steel cables can cause stress and damage to most electric stripper’s parts, blades, and motors. Many dynamics happen to metals when cutting steel. There are micro explosions that generate heat and can cause metal strains, fatigue, warping, or damage. Some of these cables are case-hardened compounding the difficulty of cutting as they can shatter some carbide-cut blades. Eubanks has a solution with the 2745-06 and its proprietary special steel-cutting tooling. The tooling is designed to cut steel cables and withstand the dynamic stresses that happen when processing steel cables for prolonged periods. There is no worrying about burning up motors with the air-powered 2745-06. Equipped with the standard tooling, the 2745-06 can cut steel rope soft or case hardened up to a maximum O.D. of .187” (4.7mm).

Speed

The 2745-06 cuts production screen can display the estimated pieces per hour being produced at the current feed speed. The production screen also displays an estimated time of completion. The heavy-duty 2745-06 is the perfect long-term solution for cutting difficult Steel Rope Cables.

User-Friendly Programming

The 2745-06 is highly reliable and easy to operate. It stores up to 1,000 programs each containing separate cable profiles such as lengths, batch quantities, and delays. Also has built-in wire marking controls for pairing a wire marker if desired to mark numbers and letters on a plastic-coated steel rope. From its console, the operator can select and run programs, and step the machine through a complete cycle. It can easily be converted from inch to metric measurements via the machine’s keyboard. It also has length correction compensating fields designed to fine-tune to the best exact length tolerance possible.

Eubanks High-Precision

Our pneumatic strippers use unique hand-machined precision die blades and blocks. These setups will last years and deliver the best quality strip available. During the strip function, the blades butt up against one another cutting perfectly around the circumference of the conductor. During the pull to strip, the insulation is held by both the top and bottom strip blades for a perfect linear pull as it strips. The result is a perfect 180° square cut on both the plastic insulation and steel cable without any damage to the conductor or blades while delivering perfect ends for termination.

We design and manufacture all our blades using our proprietary processes. These processes assure high-precision performance over a long service life. This is where Eubanks excels. We can design special tooling to cut, strip, and slit on parallel wires and offset stripping. Customers have learned to rely on our extensive strip-blade expertise as they adapt to new insulations and tough applications.

SPECIFICATIONS		CUT BLADES	ACCESSORIES
STEEL ROPE SIZE	.020” up to .187” max. O.D. with Standard Equipped Tooling (Cable Dependent)		<ul style="list-style-type: none">• 6880-03 Heavy-Duty Steel Roller Prefeed. For Bare Steel Cables 120 lbs (54 kg) Max. Load.• 6880-05 Heavy-Duty Belt Prefeed. For Plastic Coated Cables 120 lbs (54 kg) Max. Load.• 6880-05 Modified Heavy-Duty Belt Prefeed with Modification Kits for pulling up to 300Lb (136 kg) Reels• 6835-01 Heavy-Duty Large Reel Stand 300 Lb (136kg) Max. Load• 67200-10 Wire marker For Plastic Coated Cables• 16110-03 Motorized 12” Coiling Pan Reuires Interface Kit• 16110-05 Motorized 14” Coiling Pan Requires Interface Kit• 6650-01 Eight Foot Long Automatic Wire Stacker• 17242 All Welded Steel 48” W X 24” D X 32”H Machine Table
WIRE LENGTH	Minimum Length: 1” (25.4mm) Maximum Length: 99,999,99” (999,999,9mm)		
STRIP LENGTH	N/A		
BATCH SIZE	0 to 99,999		
PROGRAMMING	1000 Program storage capacity numbered 0 to 999. Multi-program sequencing: Up to 1,000 programs may be chained together as one sequence. Can have as many sequences as 1,000 program limits will allow. Programming Options: Units of Measure: Inch or Metric Run Modes: Step Cycle, Display Options, Motor On/Off		
CONTROLS	Heavy-Duty 21-key tactile feedback keyboard		
DISPLAY	Antiglare, Vacuum fluorescent (2 lines x 40 characters)		
WIRE MARKING	Controls included: End-marks, Zone-marks, Continuous-marks, Mark dwell time		
STANDARD TOOLING	(1) Wire Straightener, (1) Left Strip Assemblies with 3/16” I.D., (1) 5/16” I.D. Feedroll Assembly, (1) Six Piston Push-Pull Cutter Head, (1) Ejector Assembly, (1) Set of Special Steel Cutting tooling, and (1) Loose Parts Tooling Kit		
EXISTING TOOLING	N/A		
POWER REQUIREMENTS	115 VAC, 10 A, 50/60 Hz or 230 VAC, 7 A, 50/60 Hz		
AIR REQUIREMENTS	120 psi @ 24 CFM (690 kPa @ 12 l/s). Main air regulator and lubricator supplied.		
CERTIFICATION	CE		
DIMENSIONS	48 in. W x 20 in. D x 15 in. H. (1,220mm W x 510mm D x 380mm H).		
WEIGHT	Net: 190 lbs (87kg). Shipping: 235 lbs (106.6 Kg)		
ESTIMATED PRODUCTION RATES		<ul style="list-style-type: none">• 16504-01 Spare Parts Kit	
Production rates vary with steel cable type, Plastic covering adhesion, wire length, spool or reel size, strip length, feed speed, CFM air flow, line air pressure, and machine delay settings.			
WIRE LENGTH	PIECES PER HOUR		
4 inch (102mm)	9,000 Pieces Per Hour		
10-inch (254mm)	7,000 Pieces Per Hour		
20-inch (508mm)	5,000 Pieces Per Hour		
100-inch (2,540mm)	1,500 Pieces Per Hour		