

Eubanks

MODEL 4600-03 HIGH-SPEED FLAT CABLE AND TUBING CUTTER



The Eubanks 4600 is a proven work horse and one of the most versatile products Eubanks manufactures. The 4600 is one of the few machines that serve across many industries such as Aerospace, Automotive, Medical and Manufacturing. The 4600 can measure and cut most soft linear plastics or metals. It can cut hose tubing with a maximum diameter of .375" (9.5mm). It will also process flat materials such as shrink tubing or ribbon cable up to 3" (76.2mm) wide when flattened. Equipped with optional carbide cutting blades the 4600 can also process Kevlar reinforced Fiber Optic Cables.

The 4600-03 is designed with a few robust moving parts, making it very reliable and durable. Blade and Drive Roller change are easy and requires minimal tools.

Speed and Precision

The 4600 can cut materials up to 23,200 pieces per hour of 1/8" (3.1mm) in length. The 4600 can also maintain a tolerance of ± .020" (.5mm).

User Friendly Programming

The 4600 has no learning curve, simply insert the material between the two drive rollers and press the cut button to zero out. Enter a cut length and a batch quantity and press the go button. The watch as the 4600 does its work at blinding speeds. That is how simple it is to work with the 4600. The 4600 has a quick locking cam lever for raising the top drive roller for easy material insertion. Eubanks offers control panels in 6 different languages, English, Spanish, French, German, Swedish and Italian.

CAPACITY	
Hose Tubing	.375 in (9.5mm) Maximum O.D.
Flat Cables or Plastics	3" in (76.2mm) Maximum Width. Thickness is material dependent.
Hose Tubing	
Ribbon Cable	
Shrink Tubing	
Nylon Braid	
Copper Braid	
Flat Copper	
Kevlar Reinforced Fiber Optic	
Single Stranded Conductor	 32 to 18 AWG (22mm ²)

SPECIFICATIONS		OPTIONAL KITS	BLADES	ACCESSORIES
MATERIAL SIZE	Hose Tubing .375 in (9.5mm) Maximum O.D. Flat Cables or Plastics 3" in (76.2mm) Maximum Width. Thickness is material dependent.	<ul style="list-style-type: none"> • 14835-01 Spare Parts Kit 	<ul style="list-style-type: none"> • 8003 Standard Cutter Blade • 8923 Standard Anvil Blade • 8560 Carbide Cutter Blade • 8559 Carbide Anvil Blade 	<ul style="list-style-type: none"> • 6815-07 Flat Cable Prefeed 60 Lbs (27 kg) Max. Load • 6815-05 Standard Belt Prefeed 60 Lbs (27 kg) Max. Load • 17242 All Welded Steel 48" W X 24"D X 32"H Machine Table
MATERIAL TYPES	Round Plastic Hose Tubing, Shrink Tubing, Nylon Braid, Copper Braid, Thin Flat Copper, Copper Wire, Ribbon Cable, Kevlar Reinforced Cables and many other linear materials.	<ul style="list-style-type: none"> • 17331-01 Kit Wire Straightener 		
WIRE LENGTH	.02-999.99 in (1-99,999mm)			
CONTROLS	Heavy-Duty 16-key tactile keyboard, Panels available in English, Spanish, French, German, Swedish and Italian.			
DISPLAY	L.E.D.			
STANDARD TOOLING	(1) 8003 Cutter, (1) 8923 Anvil, (1) 9003 Idler Roller, (1) 8369 Drive Roller, and (1) Detachable Power Cord			
POWER REQUIREMENTS	115 VAC, 6.6 Amps, 50/60 Hz 230 VAC, 3.3 Amps, 50/60 Hz			
CERTIFICATION	CE			
DIMENSIONS	48 in. W x 20 in. D x 15 in. H. (1,220mm W x 510mm D x 380mm H).	<ul style="list-style-type: none"> • 14345-90 Wire Guide Single Direction Call for more information		
WEIGHT	Net: 85 lbs (39kg). Shipping: 175 lbs (85 Kg)			
CUT-LENGTH UNIFORMITY	Maximum length variation is ± .020 in (.5mm) noncumulative. Greater length variations can result only from slippage between the Feed Rollers and the material being processed or from deformation of the material caused by stretching. This possibly is minimized by the use of an optional automatic Prefeed.			
MAXIMUM PRODUCTION RATES			ROLLERS	
WIRE LENGTH	PIECES PER HOUR		<ul style="list-style-type: none"> • 9003 Roller Idler STD (Top Roller) • 8369 Roller Drive STD (Bottom Roller) • 6974 Carbide Drive Roller (Top Roller) • 8559 Carbide Idler Roller (Bottom Roller) 	
.500" in (13mm)	23,200 Pieces Per Hour			
1 in (25mm)	18,500 Pieces Per Hour			
2 in (51mm)	14,750 Pieces Per Hour			
4 in (102mm)	10,780 Pieces Per Hour			
6 in (152mm)	8,450 Pieces Per Hour			
8 in (203mm)	6,850 Pieces Per Hour			
10 in (254mm)	5,950 Pieces Per Hour			
20 in (508mm)	3,350 Pieces Per Hour			
40 in (1016mm)	1,830 Pieces Per Hour			
60 in (1524mm)	1,230 Pieces Per Hour			
80 in (2032mm)	940 Pieces Per Hour			
100 in (2540mm)	755 Pieces Per Hour			