

Eubanks

MODEL 6815-05 BELT DRIVE DEMAND PREFEED



PROTECTION

Wire stripping machines are designed to do precise measuring, cutting and stripping, but are not designed for pulling heavy reels or spools. When pulling spools weighing 20 lbs or more directly from the stripper, this can shorten the life of the stripper's wire drive mechanism. The model 6815-05 Prefeed helps protect and prolong the service life of your wire stripper as it absorbs all the stress that comes from pulling and tugging wire off a spool, thus protecting your wire processor investment. The 6815-05 is equipped with special tough rubber like drive belts that will not wear easily and will not mark or damage the wire's insulation. The 6815-05 can accommodate from delicate 30 AWG (.06mm²) wire and up to 2 AWG (33.6mm²) flexible stranded wires. The 6815-05 can support on its side arm a spool or reel weighing up to 60 lbs (27kg).

SAFETY

The 6815-05 is designed as a stand-alone prefeed and can be used with any make of wire processing machine. When used with Eubanks wire processing machines, both the prefeed and the wire processor form an integrated system. This provides great safety as both prefeed and wire processor will shut down in the event of a wire jam or entanglement due to poorly wound spools or reels at the prefeed end.

PRACTICAL

Once the proper exit pulley height is set, there are no tools required to operate the 6815-05. Using the manual toggle switch to load and unload wire will help to safely speed up spool changes. By using the variable speed control knob, you can achieve maximum synchronization with the wire processor.

SPEED

A 6815-05 will boost production as it will allow you to set your wire processor to a faster speed. It will help increase accuracy in wire lengths and will help relieve any stress to the wire.

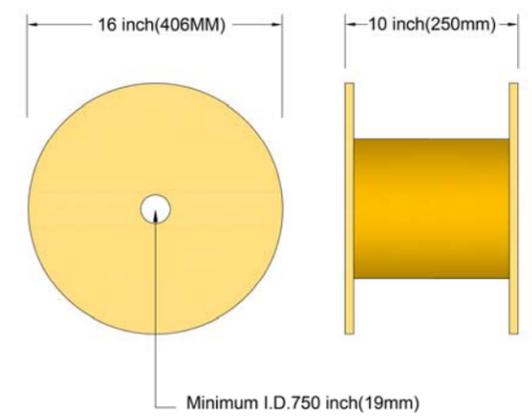
CAPACITY

60 LBS (27kg) MAXIMUM LOAD

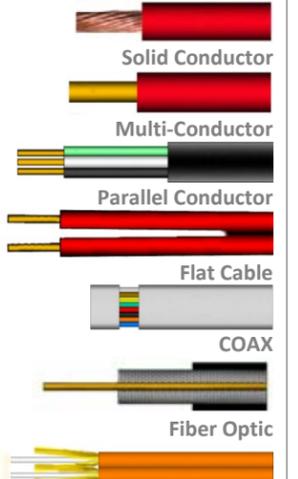
30 AWG (.06mm²) and up to flexible 2 AWG (33.6mm²)

.470" (15.2mm) max. O.D. or width on all wires and cables. All wires or cables must be flexible enough to loop through the Prefeed's spools. Some cables may require pulley modification kits.

Maximum Reel/Spool Dimensions



Single Stranded Conductor



SPARE PARTS

#15135 Standard Green Belt	
#13994 Red Belt	
#17526-01 H.D. Drive Pulley	
#12734-01 Idler Pulley Assy	
#13609 Lower Drive Shaft	
#13610 Upper Drive Shaft	
#16604-01 Pulley Transfer Assy	
#299 Gear Slotted	
#306-11 Keyed Washer	
#13598-11 Guide Bushing .312 in (7.9mm) I.D.	
#13598-12 Guide Bushing .625 in (15.9mm) I.D.	
#16603-01 Knob Assy	
#1808 Spindle 11 in (279.4mm) Long	
#16555 Spindle 16 in (406.4mm) Long	
#12413-01 Pulley Assembly	

SPECIFICATIONS

WIRE SIZE	30 AWG (.06mm ²) and up to flexible 2 AWG (33.6mm ²) with a maximum O.D. of .600 in (15.2mm)
REEL SIZE	Max. Reel Outer Diameter 16 in (406mm) Max. Reel Width 10 in (250mm) Minimum Reel Internal Diameter .750 in (19mm)
LOAD	60 lbs (27kg)
DRIVE SPEED	120 in per second (3 meters per second)
CONTROLS	Manual Load/Unload Toggle Switch Variable Speed Control Knob
STANDARD TOOLING	One 11 in (279.4mm) Spindle, two 13598-11 and two 13598-12 Guide Bushings, Set of Green Belts, two 12413-01 Pulley Assemblies, one Spindle Collet and a Detachable Power Cord
POWER REQUIREMENTS	115 VAC, 10 A, 50/60 Hz or 230 VAC, 7 A, 50/60 Hz
CERTIFICATION	CE
DIMENSIONS	24 in W x 18 in D x 40 in H. (610mm W x 457mm D x 1016mm H).
WEIGHT	Net: 80 lbs (36kg). Shipping: 110 lbs (50 Kg)

OPTIONAL KITS & ACCESSORIES

- 17433-01 Spool/Reel Grounding Kit
- 17504-02 Heavy Duty Double Pulley Kit for Parallel Conductor or Flat Wires
- 17530-02 Heavy-Duty Double Pulley Kit for Large Wire up to .625" O.D.
- 17173-01 Fan Heat Extraction and Timing Belt Tension Reinforcement Kit, for pulling 300 lbs.
- Large Heavy Duty Reel Stand 300 lb Max Load

For best synchronization, adjust variable speed control knob until the lower spool moves up and stops below half way the travel length and holds in position until cycle is complete.

