

# Eubanks

## MODEL 6880-03 HEAVY-DUTY STEEL ROLLER DRIVE DEMAND PREFEED FOR BARE STEEL OR COPPER WIRE



### ROBUST

Bare copper wire or bare steel rope can slice the belts of a belt drive prefeed fairly quick. The Model 6880-03 is designed for such applications. The 6880-03 is equipped with steel rollers that will grip any bare metal wire with no problem. Eubanks offers a variety of feed rollers with different contact surfaces for the 6880-03. There are rollers and guide tubes for accommodating delicate 30 AWG (.06mm<sup>2</sup>) bare copper wire and rollers for up to .250 in (6.3 mm) O.D. flexible bare steel rope.

The 6880-03 can accommodate from delicate 30 AWG (.06mm<sup>2</sup>) wire and up to 2 AWG (33.6mm<sup>2</sup>) flexible stranded wires. It can accommodate up to .250 in (6.3mm) flexible steel rope. The 6880-03 can support on its built-in spool stand a spool or reel weighing up to 120lbs (54kg) or two small spools.

### SAFETY

The 6880-03 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 6880-03. Using the manual toggle switch to load and unload wire will help to safely speed up spool changes. Using the variable speed control knob you can achieve maximum synchronization with the wire processor.

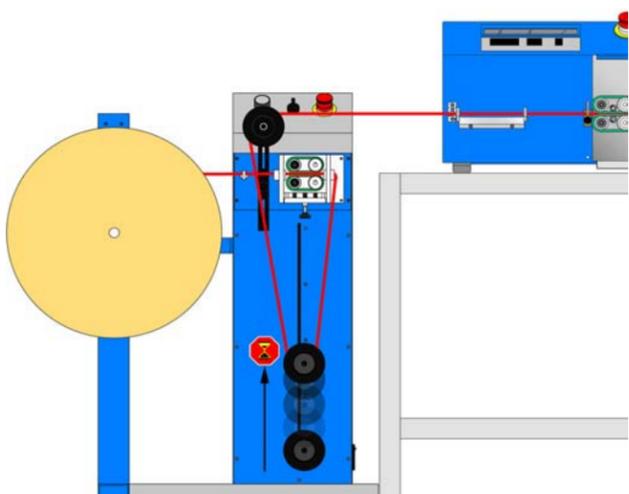
### SPEED

A 6880-03 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 stresses to the wire.

### PECIFICATIONS

<b>WIRE SIZE</b>	<b>Bare Copper</b> 30 AWG (.06mm <sup>2</sup> ) and up to flexible 2 AWG (33.6mm <sup>2</sup> ) with a maximum O.D. of .470 in (11.9mm) <b>Bare Steel</b>
<b>REEL SIZE</b>	Max. Reel Outer Diameter 22 in (559mm) Max. Reel Width 10 in (250mm) Minimum Reel Internal Diameter .750 in (19mm)
<b>LOAD</b>	120 lbs (54kg)
<b>DRIVE SPEED</b>	94 in per second (2.3 meters per second)
<b>CONTROLS</b>	Manual Load/Unload Toggle Switch Variable Speed Control Knob
<b>STANDARD TOOLING</b>	Two 11 in (279.4mm) Spindle, two Spindle Collets, two Spindle Mounting Brackets, four 1930 Feed Rolls, one 6512 Guide Tube, and a Detachable Power Cord
<b>POWER REQUIREMENTS</b>	115 VAC, 10 A, 50/60 Hz or 230 VAC, 7 A, 50/60 Hz
<b>CERTIFICATION</b>	CE
<b>DIMENSIONS</b>	27 in W x 18 in D x 40 in H. (686mm W x 457mm D x 1016mm H).
<b>WEIGHT</b>	<b>Net:</b> 90 lbs (41kg). <b>Shipping:</b> 120 lbs (55 Kg)

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.



### OPTIONAL KITS & ACCESSORIES

- 17504-02 Heavy Duty Double Pulley Kit



- 17174-01 Heavy-Duty Wire Guide



- 17173-01 Fan Heat Extraction and Timing Belt Tension Reinforcement Kit, for pulling 300 lbs.



- Large Heavy Duty Reel Stand 300 lb Max Load



### CAPACITY

#### 120 LBS (54kg) MAXIMUM LOAD

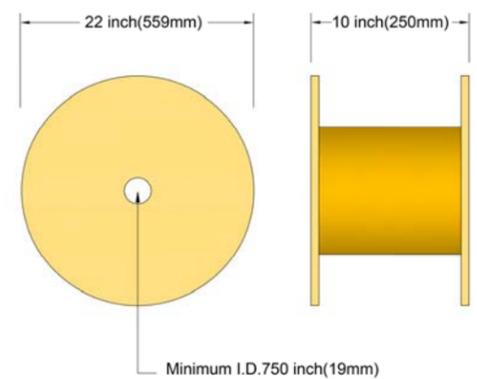
#### Bare Copper Wire

30 AWG (.06mm<sup>2</sup>) and up to flexible 2 AWG (33.6mm<sup>2</sup>)

#### Bare steel Rope

.312 in (15.2mm) max. O.D. wires must be flexible enough to loop through the Prefeed's spools. Pulley modification kits may be required

#### Maximum Reel/Spool Dimensions



#### Bare Solid Copper Wire



#### Bare Stranded Copper Wire



#### Bare Solid Steel Wire



#### Bare Steel Rope



### SPARE PARTS

#1930 Standard Feed Roll with Knurled Surface



#511 Flat Feed Roll with Carbide Sprayed Surface



#5559 Cushioned Feed Roll  
#5558 Replacement Ring



#3179 Cushioned Feed Roll  
#445 Replacement Ring



#6549 .250 in (6.4mm) Guide Tube



#6512 .500 in (12.7mm) Guide Tube

#13734 .562 in (14.3mm) Guide Tube

#299 Gear Slotted



#306-11 Keyed Washer



#18035 Knob Adjusting



#1808 Spindle 11 in (279.4mm) Long

#16555 Spindle 16 in (406.4mm) Long



#7721 Collar Spindle  
#7722 Thumb Screw



#12413-02 Pulley Assembly

