PF-6 SPECIFICATIONS

REV 7 02/25/2017

Electrical Specifications
110±10% VAC 60 hz  6 Amps
220±10% VAC 50/60hz  3 Amps

Payout Rate
Adjustable up to 4M/Sec (820Ft./Min)

Mechanical
285Lbs (129.5Kg)
46”x21”x53” (1170x533x1340mm)

Wire Line Height
40.18 inches (1021mm)
**Machine Option Detailed Explanations:**

**2-134900-500** Main Base Assembly *(Standard)*—on the drawing it lists voltage options, e-stop option, and barrel adaptor kit. For the sizing below if you do not use a cone to center spool on the shaft, the maximum reel width is 15.5 (394mm). The size of the shaft is 0.625 (16mm) diameter.

- Maximum spool weight 150lbs (68kg)
- Maximum spool diameter 24 in (609mm)
- For a spool center I.D. of 0.89 (22mm) The maximum reel width is 12.25 (311mm)
- For a spool center I.D. of 2.00 (51mm) The maximum reel width is 14.25 (362mm)
- Payout rate of up to 820 ft/min (4m/sec)
- Optional large cones available 144397.
  - For a reel center I.D. of 1.25 (32mm) The maximum reel width is 10.75 (335mm)
  - For a reel center I.D. of 3.19 (81mm) The maximum reel width is 14.25 (427mm)

**2-134900-510** Aluminum large wire 3 pulley option. Maximum wire diameter is 0.50 inches (12.7mm).

**2-134900-520** Plastic 3 pulley option *(Standard)*. Maximum wire diameter is 0.38 inches (9.6mm).
2-134900-530 Aluminum large wire 7 pulley option, for long wires. Maximum wire diameter is 0.50 inches (12.7mm). 7 pulleys gives you added wire accumulation. This is useful when you are processing wires greater than 10 feed (3meters) in length.

2-134900-540 Plastic 9 pulley option, for long wires. Maximum wire diameter is 0.38 inches (9.6mm). 9 pulleys gives you added wire accumulation. This is useful when you are processing wires greater than 10 feed (3meters) in length.

2-134900-550 Reel support rollers. This options will allow you set the spool into the pre-feeder, rather than putting a shaft through the core of the spool and hanging the spool in the pre-feeder. This option requires the spool flanges to be round and undamaged.

2-134900-560 110 VAC power
2-134900-570 220 VAC power

2-134900-610 110 VAC power with over travel shut down and machine feedback. This option will automatically shut down the pre-feeder when the arm is pulled all the way forward. This can happen when the wire is tangled and cannot be pulled off the spool. A connector is provided that will provide a dry contact that opens when the pre-feeder is shut down. This connector can be wired to e-stop the wire cutting machine.

2-134900-600 220 VAC power with over travel shut down and machine feedback. This option will automatically shut down the pre-feeder when the arm is pulled all the way forward. This can happen when the wire is tangled and cannot be pulled off the spool. A connector is provided that will provide a dry contact that opens when the pre-feeder is shut down. This connector can be wired to e-stop the wire cutting machine.
**5-143910** Barrel stand or loose bundle kit.

**5-144396-x** Wide reel adaption kit. This option adds extension arms to the back of the pre-feeder so that it can accept wider reels.

- **5-144396-1** Base parts. Order one of these and select one of the items from the list below
  
  For the sizing below if you do not use a cone to center spool on the shaft, the maximum reel width is 19.5 (495mm), The size of the shaft is 0.625 (16mm) diameter.

- **5-144396-2** Accepts 24 inch diameter reel. Small cone
  
  For a reel center I.D. of 0.89 (22mm) The maximum reel width is 14.7 (373mm)
  For a reel center I.D. of 1.75 (45mm) The maximum reel width is 16.8 (427mm)

- **5-144396-3** Accepts 24 inch diameter reel. Large cone
  
  For a reel center I.D. of 1.25 (32mm) The maximum reel width is 13.2 (335mm)
  For a reel center I.D. of 3.19 (81mm) The maximum reel width is 16.8 (427mm)

- **5-144396-4** Accepts 32 inch diameter reel. Small cone
  
  For a reel center I.D. of 0.89 (22mm) The maximum reel width is 14.7 (373mm)
  For a reel center I.D. of 1.75 (45mm) The maximum reel width is 16.8 (427mm)

- **5-144396-5** Accepts 32 inch diameter reel. Large cone
  
  For a reel center I.D. of 1.25 (32mm) The maximum reel width is 13.2 (335mm)
  For a reel center I.D. of 3.19 (81mm) The maximum reel width is 16.8 (427mm)

**2-136429-500** Spare parts kit, contains the following

- AH-2610-500 Pressure roller, this holds the wire against the drive wheel rubber ring.
- H-14097-3 Rubber ring for main wire drive wheel, this is what gives the drive wheel traction on the wire. 2pc
- 903-003 Switch that turns off the drive wheel when the accumulator is full
- 902-359 Center drive belt.
- 902-769 Upper drive belt.
- 905-285 Lower drive belt.
4-143835-500  22 inch reel stand base parts

4- 143835-510  Shaft size of 1.5 inch diameter. For the sizing below if you do not use a cone to center spool on the shaft, the maximum reel width is 19.0 (482mm).
   - Maximum spool width 19.5 inches (495mm)
   - Maximum spool diameter 42.0 inches (1067mm)
   - Maximum spool weight 600lbs (272kg)
   - Minimum hole diameter 1.5 inches (38mm)

4-143835-520  Shaft size of 0.75 diameter. For the sizing below if you do not use a cone to center spool on the shaft, the maximum reel width is 19.0 (482mm).
   - Maximum spool width 18.0 inches (457mm)
   - Maximum spool diameter 42.0 inches (1067mm)
   - Maximum spool weight 300lbs (136kg)
   - Minimum hole diameter 0.75 inches (19mm)

4-143834-500  32 inch reel stand base parts.

4- 143834-510  Shaft size of 1.5 inch diameter. For the sizing below if you do not use a cone to center spool on the shaft, the maximum reel width is 29.0 (736mm).
   - Maximum spool width 29.5 inches (749mm)
   - Maximum spool diameter 42.0 inches (1067mm)
   - Maximum spool weight 600lbs (272kg)
   - Minimum hole diameter 1.5 inches (38mm)

4-143834-520  Shaft size of 0.75 diameter. For the sizing below if you do not use a cone to center spool on the shaft, the maximum reel width is 29.0 (736mm).
   - Maximum spool width 28.0 inches (711mm)
   - Maximum spool diameter 42.0 inches (1067mm)
Maximum spool weight 300lbs (136kg)
Minimum hole diameter 0.75 inches (19mm)