

Description, Specifications and Standard Equipment

Description

The RIDGID® Model 300 Power Drive is an electric motor-driven machine which centers and chucks pipe, conduit and rod (bolt stock) and rotates it while threading, cutting and reaming operations are performed. Forward (clockwise) or Reverse (counterclockwise) rotation can be selected with the FOR/OFF/REV switch and a foot switch provides ON/OFF control of the motor.

The threading, cutting and reaming operations can be performed by conventional hand tools or tools designed for mounting on the Power Drive. A manual oiling system is available to flood the workpiece with thread cutting oil during the threading operation. Geared Threaders can also be used with the Power Drive to thread larger diameter pipe.

The RIDGID Model 300 Power Drive can also be used as a power source for roll grooving equipment. Designed to attach to the support arms of the Power Drive, the roll grooving equipment forms standard roll grooves on a variety of pipe sizes and materials.

NOTE! Contact a RIDGID distributor or consult the RIDGID catalog for specifications on roll grooving equipment.

Specifications

Threading Capacity	Pipe $\frac{1}{8}$ " through 2" Bolt $\frac{1}{4}$ " through 2" Geared Threaders: Pipe 2 $\frac{1}{2}$ " through 6"
Chuck	Speed Grip Chuck with Replaceable Jaw Inserts
Rear Centering Device....	Cam Action Rotates with Chuck
Operating Speed	38 RPM or 57 RPM
Motor:	
Type	Universal
Horsepower.....	$\frac{1}{2}$ HP
Volts	120V Single Phase AC 25-60 Hz (230V Available On Request)
Amps	15 Amps (36 RPM) 18 Amps (57 RPM)
Controls	FOR/OFF/REV Switch and ON/OFF Foot Switch
Weight.....	77 lbs.

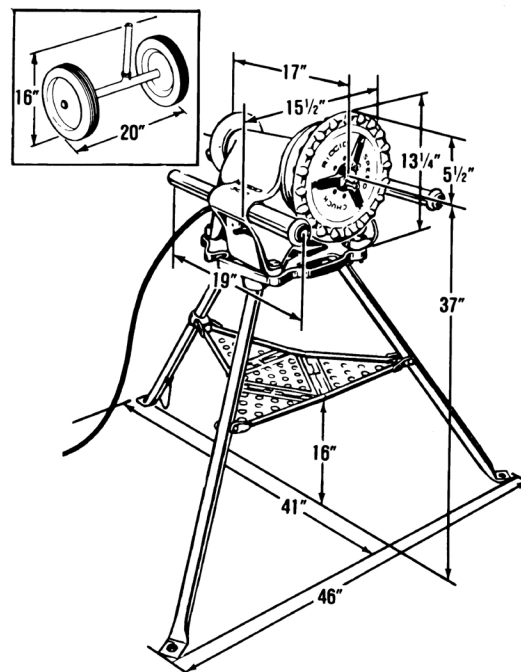


Figure 2 – No. 300 Power Drive and No. 1206 Stand

Standard Equipment

Power Drive Only:

- 300 Power Drive

Power Drive Complete:

- 300 Power Drive
- 1206 Stand
- 311 Carriage with Lever
- 341 Reamer
- 360 Cutter
- 811A Universal Die Head
- Set $\frac{1}{2}$ " – $\frac{3}{4}$ " Universal Alloy Dies
- Set 1" – 2" Universal Alloy Dies
- 4 oz. Can White Sealant w/PTFE
- 418 Oiler
- 1 Gallon Nu-Clear Thread Cutting Oil
- 32 Transporter

Catalog No.	Model No.	Description	Spindle Speed RPM	Weight	
				Lb.	Kg.
41855	300 Only	115V, 25-60 Hz	38	94	43.0
75075	300 Only	115V, 25-60 Hz	57	94	43.0
41860	300 Only	230V, 25-60 Hz	38	94	43.0
75435	300 Only	230V, 25-60 Hz	38	94	43.0
15682	300 Complete	115V, 25-60 Hz 1/2" – 2" NPT	38	212	96.2
15722	300 Complete	115V, 25-60 Hz 1/2" – 2" NPT	57	212	96.2