

Model 300 Complete

Threading System

The RIDGID 300 Power Drive is a proven workhorse and has been the backbone of thousands of job sites across the country for almost 50 years. To make on-site threading even easier, Ridge Tool offers the 300 Complete that includes everything you need to make threads quickly and easily in the field or in your shop. The 300 Complete offers versatility and function of quick tear down and easy transportation to be able to go wherever you need to go.

From the heavy-duty foot switch, solid 1206 stand, robust all-weather 418 oiler, and the redesigned removable tool tray, the RIDGID 300 Complete provides the ultimate in threading form and function. Already have an award winning RIDGID 300 Power Drive, simply add the necessary accessories and create your own 300 Complete Threading System!

Technical Specifications

Motor: 1/2 HP, Universal reversible motor, single-phase, 25-60 HZ

Switch: Heavy-duty FOR/OFF/REV and Integral Foot Switch

Chuck: RIDGID speed chuck with replaceable rocker-action jaws

Spindle Speed: 38 RPM (57 RPM available)

Rear Centering Device: Cam-action turns with chuck

Support Bar: Heavy-duty (2)

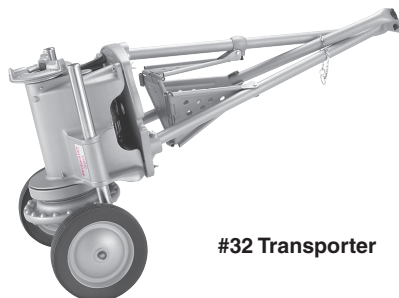


Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity		Maximum Geared Threader Capacity		Weight	
				In.	mm	in.	mm	in.	mm	lbs	kg
15682	300 Complete	115V, 25-60 Hz (NPT)	38	1/8 - 2	3 - 50	1/4 - 2	6 - 50	6	150	218	96.2
15722	300 Complete	115V, 25-60 Hz (NPT)	57	1/8 - 2	3 - 50	1/4 - 1 1/2	6 - 40	6	150	218	96.2

Model 300 Power Drive Complete Consists of:

- 300 Power Drive with Foot Switch
- Set 1/2" - 3/4" Universal Alloy Dies
- Set 1" - 2" Universal Alloy Dies
- 311 Carriage with Lever
- 811A Universal Die Head
- 32 Transporter
- 1452 Removable Tray
- 1206 Stand
- Reamer
- 360 Cutter
- 418 Oiler
- 1 Gallon Nu-Clear Thread Cutting Oil



#32 Transporter

Accessories

Catalog No.	Model No.	Description	Weight	
			lbs	kg
42360	1206	Stand for 300 power Drive	31	14.1
42575	32	Transporter (for Power Drives and Tri-stand Vises)	14 1/4	6.5
68815	311	Carriage with No. 312 Lever	15	6.8
10883	418	Oiler with 1 Gallon of Nu-Clear Thread Cutting Oil	20 1/2	9.4
42365	341	Reamer for No. 311 Carriage	7	3.2
42370	360	Cutter for No. 311 Carriage	8 1/2	3.9
97065	811A	Universal Q.O. Die Head Only, Right Hand Only	12 1/2	5.7
97075	815A	Self-Opening Die Head Only, Right Hand Only	13 1/2	6.1
51005	819	Nipple Chuck Complete, 1/2" - 2" (12mm - 50mm)	10 1/2	4.8
42380	1452	Removable Tool Tray	6	2.7
46660	E-863	LH/RH Reamer Cone	7	3.2

RIDGID®

Ridge Tool Company

400 Clark St., Elyria Ohio 44035-6001 U.S.A.

Catalog Sheet No. R-05-I : Effective Date: November 1, 2005

Visit us on the Internet: www.ridgid.com

Types of threaders for threading conduit and accessories required to thread PVC coated conduit.

1) Handheld a.k.a Power Pony Ridgid #700



****Die heads for PVC coated are required; the model # 700 uses the 12R die head. I have included the Ridgid part #'s.

1/2" – 51857

3/4" – 51862

1" – 51867

1-1/4" – 51872

1-1/2" – 51877

2" – 51882

2) Model #300 Power Drive



No modification needs to be made to die head however the contractor should replace the jaw insert for PVC coated. The Ridgid part number is 97365.

3) **Model #535 Threading Machine**



No modification needs to be made to die head however the contractor should replace the jaw insert for PVC coated. The Ridgid part number is 97365.

4) **Model #1224 Threading Machine**



No modification needs to be made to die head however the contractor should replace the jaw insert for PVC coated. The Ridgid part number is 26187.

No. 1224 Threading Machine

The RIDGID Model 1224 is the industry standard 4" Threading Machine. Thousands of satisfied customers around the world give testimony of its dependability.

Capacity

Pipe: 1/4" – 4" (6mm – 100mm)

Bolt: 1/4" – 2" (6mm – 50mm)

Benefits

- **Speed:** threads 1/4" – 2" pipe at 36 RPM and 2 1/2" – 4" at 12 RPM.
- **Versatility:** threads black, galvanized and plastic coated pipe, stainless steel, IMC, heavy-wall conduit, and rod up to RC 30.
- **Quiet Operation:** an induction motor insures sound levels well within the limits set by OSHA.
- **Low Voltage Operation:** special start/run capacitors allow operation in less than ideal conditions.



Technical Specifications

Motor: 1 1/2 HP, single phase, 60 Hz, or 50 Hz, induction type.

Motor Control: REVERSE/OFF/FORWARD, heavy duty rotary switch with integral foot switch.

Spindle Speed: 36 – 12 RPM, right hand, left hand.

Gear Box: Two speed gear box 3:1 ratio.

Standard Equipment

Model 1224 Threading Machine with foot switch

1 – No. 714 (914) 2 1/2" – 4" Receding Self-Opening Die Head

1 – No. 711 (911) 1/4" – 2" Universal Self-Opening Die Head

1 – No. 764 Cutter

1 – No. 744 Reamer

3 – Sets of Dies (1/2" – 4")

1 – Gallon Premium Oil

1 – F229 Spare Wheel

1 – No. 744 Cutter; No. 764 Cutter

3 – Hex Keys; 1 3/4" Combination Wrench

1 – Tool box



Catalog No.	Model No.	Description	Weight	
			lb.	kg
26092	1224	1/2 - 4 NPT 120V 60 Hz	509	231,00
26097	1224	1/2 - 4 NPT 240V 60 Hz	509	231,00
26127	1224	1/2 - 4 BSPT 120V 60 Hz	509	231,00
26112	1224	1/2 - 4 BSPT 115V 50 Hz	509	231,00
26122	1224	1/2 - 4 BSPT 240V 60 Hz	509	231,00
26107	1224	1/2 - 4 BSPT 220V 50 Hz	509	231,00

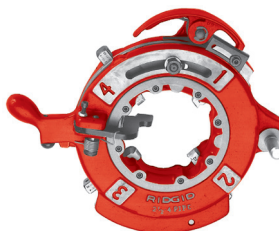
Die Heads



No. 711 & No. 914



No. 713 & No. 913



No. 714 & No. 914

Catalog No.	Model No.	Description	Capacity		Weight	
			in	mm	lb	kg
26132	711	Universal Self-Opening R.H., NPT	1/8 - 2	3 - 50	12 1/2	5,6
26142	713	Universal Quick-Opening L.H., NPT	1/8 - 2	3 - 50	12 1/2	5,6
26152	714	Receding Self-Opening R.H., NPT	2 1/2 - 4	62 - 100	30	13,6
26137	911	Universal Self-Opening R.H., BSPT	1/8 - 2	3 - 50	12 1/2	5,6
26147	913	Universal Quick-Opening L.H., BSPT	1/8 - 2	3 - 50	12 1/2	5,6
26157	914	Receding Self-Opening R.H., BSPT	2 1/2 - 4	62 - 100	30	13,6
26162	541	Quick-Opening Bolt L.H./R.H.	1/4 - 1	6 - 25	7 1/2	3,4
26167	542	Quick-Opening Bolt L.H./R.H.	1 1/8 - 2	28 - 50	9 1/2	4,2

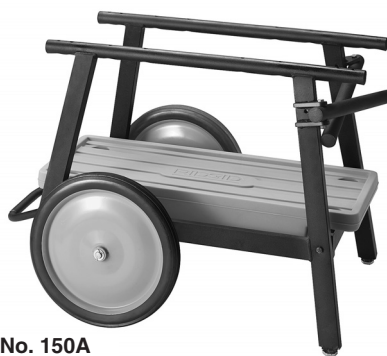
Dies

Catalog No.	Model No.	Description	Capacity		Weight	
			in	mm	lb	kg
26192	—	1224 H.S. Dies NPT	2 1/2 - 4	62 - 100	4	1,8
26197	—	1224 H.S. Dies BSPT	2 1/2 - 4	62 - 100	4	1,8

Stands, Cutter, Reamer, Blades & Nipple Chuck



No. 100A



No. 150A



No. 200A

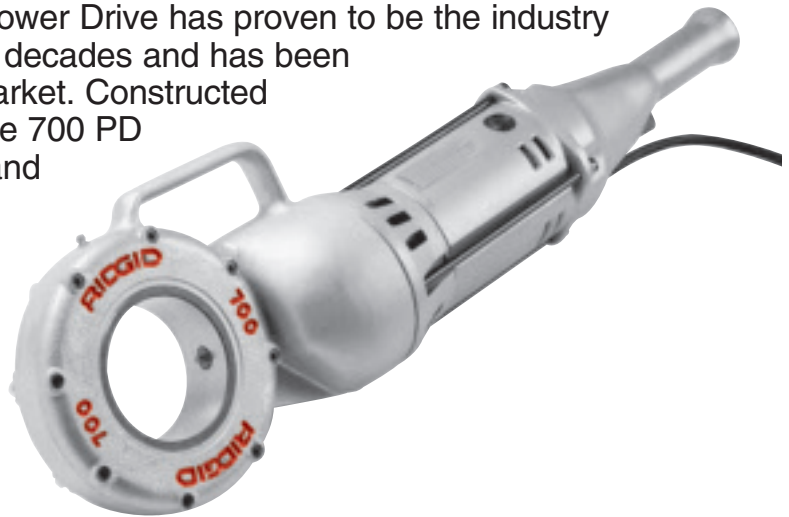
Catalog No.	Model No.	Description	Capacity		Weight	
			in	mm	lb	kg
92457	100A	Leg and Tray Stand			75	34,5
92462	150A	Wheel and Tray Stand			103	46,7
92467	200A	Wheel and Cabinet Stand			104	47
51005	819	Nipple Chuck, NPT	1/2 - 2	12 - 50	10 1/2	4,8
34157	419	Nipple Chuck, 2 1/2", NPT			5 1/2	2,5
34162	419	Nipple Chuck, 3", NPT			5 1/2	2,5
34167	419	Nipple Chuck, 4", NPT			5 1/2	2,5

Distributor

For the complete selection of the Ridge Tool product line, please refer to the Ridge Tool Catalog or www.ridgid.com.

700 Hand-Held Power Drive

700 Power Drive – The RIDGID® 700 Power Drive has proven to be the industry workhorse in hand-held power drives for decades and has been the most powerful and durable on the market. Constructed with a rugged cast aluminum housing, the 700 PD is designed for heavy-duty applications and everyday use. It is ideal for mechanical, electrical and plumbing contractors as it can cut both right and left-hand threads in seconds, saving time, effort, and money. The 700 PD drives RIDGID 12-R Die Heads for $\frac{1}{8}$ " - 2" pipe capacity, threads bolts $\frac{1}{4}$ " - 1", and also drives 141 & 161 Geared Threaders (for increased pipe capacity of $2\frac{1}{2}$ " - 6"). The versatility of the 700 PD is further expanded by being able to power RIDGID 258 and 258XL Power Pipe Cutters.



Comparison of RIDGID Power Drive Features

			
	RIDGID 700 PD	RIDGID 690 PD	RIDGID 600 PD
Pipe Capacity	$\frac{1}{8}$ " - 2"	$\frac{1}{8}$ " - 2"	$\frac{1}{8}$ " - $1\frac{1}{4}$ "
w/Geared Threaders	$2\frac{1}{2}$ " - 6" (141/161 Geared Threaders)	N/A	N/A
Bolt Capacity	$\frac{1}{4}$ " - 1"	N/A	N/A
Drive 258/258XL Pipe Cutter	YES	NO	NO
Weight (PD Only)	25 lbs.	19 lbs.	12 $\frac{3}{4}$ lbs.
Length	28 $\frac{1}{4}$ Inch	24 Inch	20 Inch
Body and Handle	Cast Aluminum	Cast Aluminum & Heavy-Duty Fiberglass Reinforced Plastic	Cast Aluminum & Heavy-Duty Fiberglass Reinforced Plastic
Spindle Speed (No Load)	32 RPM	32 RPM	32 RPM
Die Heads	12-R	11-R	11-R
Dies	12-R	12-R	12-R
Usage/Applications	Heavy-Duty/Mech/Elect Contractor/Maintenance	Service/Repair Plumber/Maintenance (2")	Service/Repair Plumber ($1\frac{1}{4}$ "
Certifications/Approvals	UL/CSA/RoHS/WEEE		

Model 700 Hand-Held Power Drive

700 Hand-Held Power Drive Features

- **Capacity:** 1/8" – 2" (3 – 51 mm) pipe
- **Weight:** 25 lbs. (12 kg), Power Drive Only
- **Length:** 28 1/4 in. (71.7 cm)
- **Motor:** Universal 1/2 Hp, 230 or 115 volt, 50 – 60 Hz
- **Switch:** Heavy-duty double-throw switch
- **Gear Head:** All spur gear reduction. Spring loaded adapter pawl, hardened steel spindle gear.
- **Gear Housing:** Cast aluminum
- **Spindle Speed:** 32 rpm (No load)



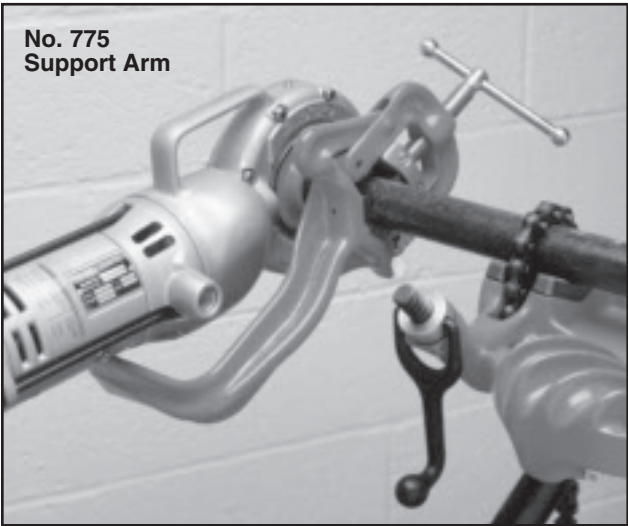
Shown With Optional Case

Order Information

Catalog No.	Model No.	Description	Shipping Wt.	
			lb.	kg
41935	700	115V 25-60Hz Only	31	14
41940	700	230V 25-60Hz Only	31	14

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
42600	770	Adapter for 00-R and 00-RB	3 3/8	2
42605	771	Adapter for 0-R	3 3/8	2
42610	772	Adapter for 11-R	3 1/2	2
42615	773	Adapter for 111-R	3	1
42620	774	Square Drive Adapter - 15/16"	5 1/4	2
42625	775	Support Arm for No. 700	11	5
42950	B-171-X	Metal Carrying Case for No. 700 and Accessories	29	13
10883	418	Oiler w/1Gal. Nu-Clear Thread Cutting Oil	17.7	7.7
41620	—	Gearhead Motor Grease	1	0.5
16703	425	1/8" - 2 1/2" TRISTAND Chain Vise	32	14.5
72037	460	1/8" - 6" TRISTAND Chain Vise	47	21.0
—	—	1/8" - 1" 00-R Die Heads, See RT Catalog	—	—
—	—	1/4" - 1" 00-RB Die Heads, See RT Catalog	—	—
—	—	1/8" - 2" 11-R Die Heads, See RT Catalog	—	—
—	—	1/8" - 2" 12-R Die Heads, See RT Catalog	—	—



No. 775
Support Arm

For the complete selection of the Ridge Tool product line, please refer to the Ridge Tool Catalog or www.RIDGID.com.

RIDGID

Distributor



Ridge Tool Company
400 Clark St., Elyria, Ohio 44035-6001 U.S.A.
Catalog Sheet No. R-01-M
Effective Date: December 1, 2001
Visit us on the internet: www.ridgid.com

New!

Introducing a New Generation

535 Threading Machine

Ridge Tool is proud to introduce the new generation of the Model 535 Threading Machine. The new machine is as rugged as the machine you have come to rely on with added refinements that increase productivity and value. A 100% larger chip tray and 75% larger oil reservoir make the new 535 ideal for longer uninterrupted threading. The 535's high clearance carriage makes the threading operation easier and its 23% larger top cover area is ideal for keeping tools and work related materials handy. The new 535 is designed around maximum uptime with the refinements that benefit you, the pipe working professional.



New Model 535 Key Upgrades

- **Large 1.75-gallon oil reservoir and 100% larger chip tray.** Allows for longer uninterrupted threading.
- **High clearance carriage.** Increases workpiece maneuverability.
- **New large top cover.** Provides needed room for keeping tools and work materials handy.
- **New Speed Chuck™ with rocker-action jaws.** Provides smoother operation and ability to center and grip the workpiece instantly.

Technical Specifications

- Motor: 1/2 HP Universal, Reversible single-phase 115V or 230V, 25-60 Hz, 15 Amp
- Motor Control: Heavy-duty FOR/OFF/REV switch with integral foot switch
- Spindle Speed: 36RPM no load (standard)

Standard Equipment

- Model 535 threading machine with foot switch
- 1 – No. 811A Universal Quick Opening Die Head
 - 1 – No. 341 Reamer
 - 1 – 820 Cutter
 - 1 – Set of 1/2" – 3/4" and 1" – 2" Alloy Dies
 - 1 – Gallon of Premium Oil
 - 1 – Set of Hex Wrenches



Catalog No.	Model No.	Description	Weight	
			lb.	kg
93287	535	1/2" – 2" NPT 115V 36RPM	285	130
96497	535	115V 36RPM Machine Only	270	123
96502	535	1/2" – 2" NPT 115V 54RPM	285	130
96507	535	1/2" – 2" NPT 230V 36 RPM	285	130
96512	535	1/2" – 2" BSPT 230V 36RPM	285	130
96517	MJ-1	Left Hand Threading Kit	5	2,3