

Power Threading Machines



Model 300 Power Drive

- RIDGID® speed chuck.
- Reversible 1/2 HP universal motor.
- Recessed On/Off/Reverse switch.
- Convert a 300 Power Drive to a portable threading machine.
- Ideal for use with RIDGID roll groovers.

Specifications

- Capacity – 1/8" - 2" (6mm - 50mm) Pipe, 2 1/2" - 4" (65mm - 100mm) with 141, and 4" - 6" (100mm-150mm) with 161 Geared Threaders, 1/4" - 2" (6mm - 52mm) Rod.
- Switch – Heavy-duty FOR/OFF/REV and Integral Foot Switch.
- Chuck – RIDGID speed chuck with replaceable rocker-action jaws.
- Rear Centering Device – Cam-action turns with chuck.
- Support Bar – Heavy-duty (2).

Catalog No.	Model No.	Description	RPM	Voltage (V)	Frequency (Hz)	Phase	Motor Type	Amp Draw (A)	Power	Weight	
										lb.	kg
41855	300	Power Drive Only	38	115	50 - 60	1	Universal	15	1/2 HP	94	43.0
41860	300	Power Drive Only	38	230	50 - 60	1	Universal	8	1/2 HP	94	43.0
75075	300	Power Drive Only	57	115	50 - 60	1	Universal	18	1/2 HP	94	43.0
75435	300	Power Drive Only	38	230	50 - 60	1	Universal	8	1/2 HP	94	43.0

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
10883	418	Oiler w/1 Gal. Premium Thread Cutting Oil	20 1/2	9.40
51005	819	Nipple Chuck Complete, 1/2" - 2" NPT	10 1/2	4.80
97065	811A	NPT Die Head Quick-Open R.H.	13	5.70
97075	815A	815A 1/8" - 2" NPT Die Head, Self-Opening, RH	13	5.90
42360	1206	STAND 1206	31	14.10
42365	341	REAMER, 341	6 3/4	3.20
42370	360	Model 360 1/8"-2" Full Floating, Self Centering Cutter	8 1/2	3.90
42385	312	KIT, LEVER 312 CARR FEED	3	1.40
42575	32	#32 Transporter (for Power Drives and Tristand Vises)	14 1/4	6.50
46660	E-863	CONE, REAMER RH & LH 341	7	3.20
68815	311	CARRIAGE, 311 W/LEVER	15	6.80
97365	-	SET OF INSERTS F/COATED PIPE	1/2	0.20
22638	1452	Clip-On Tool Tray	6	2.70
68160	819	Nipple Chuck 1/2"-2" BSPT	10 1/2	4.80
97070	811A	811A BSPT Quick-Open Die Head	12 1/2	5.70
97080	815A	815A 1/8"-2" BSPT Self-Opening Die Head	13	5.90



Power Threading Machines



Model 300 Power Drive Complete

- RIDGID® Speed Chuck.
- Reversible 1/2 HP Universal Motor.
- Recessed On/Off/Reverse Switch.
- Ideal For Use With RIDGID Roll Groovers.

Specifications

- Switch – Heavy-duty For/Off/Rev and Integral Foot Switch.
- Chuck – Speed Chuck with Replaceable Rocker-Action Jaws.
- Rear Centering Device – Cam-Action Turns With Chuck.
- Support Bar – Heavy-Duty.



Catalog No.	Model No.	Description	Oiler	Die Head	RPM	Voltage (V)	Frequency (Hz)	Phase	Motor Type	Amp Draw (A)	Power	Weight	
												lb.	kg
15682	300 Complete	115V, 50/60 Hz (NPT)	418	811A	36	115	50 - 60	1	Universal	15	1/2 HP	212	96.2
15722	300 Complete	115V, 50/60 Hz (NPT)	418	811A	57	115	50 - 60	1	Universal	18	1/2 HP	212	96.2
97415	300 Complete*	230V, (NPT) Export	–	811A	36	230	50 - 60	1	Universal	8	1/2 HP	202	–
97420	300 Complete*	230V, (NPT) Export	–	811A	36	230	50 - 60	1	Universal	8	1/2 HP	202	–

*Other voltages available upon request. Export machines equipped with special power cord sets.
300A includes automatic oiling

Standard Equipment

Catalog No. Model No.	15682 300 Complete	15722 300 Complete	97415 300 Complete	97420 300 Complete
97065 - NPT Die Head Quick-Open R.H.	•	•	•	
47745 - 1/2" - 3/4" Universal Alloy Die Set	•	•	•	
47750 - 1" - 2" Universal Alloy Die Set	•	•	•	
42370 - Model 360 1/2"-2" Full Floating, Self Centering Cutter	•	•	•	•
68815 - CARRIAGE, 311 W/LEVER	•	•		
42575 - #32 Transporter (for Power Drives and Tristand Vises)	•	•		
42365 - REAMER, 341	•	•	•	•
42360 - STAND 1206	•	•	•	•
10883 - Oiler w/1 Gal. Premium Thread Cutting Oil	•	•		
22638 - Clip-On Tool Tray	•	•		
41855 - Power Drive Only	•			
75075 - Power Drive Only		•		
96945 - Model 311A Carriage With Lever			•	•
97245 - Model 330 Oil Pan (300A Power Drive)			•	•
66665 - 1/2" - 3/4" universal alloy set				•
66670 - 1-2" universal alloy set				•
97070 - 811A BSPT Quick-Open Die Head				•



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Power Threading Machines



Model 535A Automatic Threading Machine

The Model 535A maintains the ruggedness of the industry workhorse while adding features that make the threading operation more productive. A large chip tray and oil reservoir make the 535A ideal for longer uninterrupted threading. The 535 features a high clearance carriage that makes the threading operation easier and a generous top cover area that is ideal for keeping tools and work related materials handy. The 535A is designed around maximum uptime with the upgrades that matter most to the pipe working professional. Users also benefit from the part commonality between the 535, the 535A Automatic and other RIDGID® equipment.

- Automatic chuck.
- Large 6.6 l (1.75 gallon) oil reservoir.
- Large chip tray.
- Generous top cover area for keeping tools and fittings handy.
- High clearance carriage.
- Can be used with geared threader Model 141.
- Uses Model 816/817 semi-automatic, Model 815A self opening or Model 811A quick-opening die heads.
- Length gauge for quick, accurate cut-off.

Specifications

- Pipe Capacity – 1/8"-2" (3 mm-50 mm) 2 1/2"-4" (62 mm-100 mm) with 141 geared threader.
- Bolt Capacity – 1/4"-2" (8 mm-50 mm).
- Switches – FOR/OFF/REV and Integral safety foot switch.
- Chuck – automatic with four reversible forged jaws.
- Rear Centering Device – automatic, centering only.
- Cutters – self-centering, full-floating. Two models available:
 1. One Standard. Model 820 Wheel-Type Cutter, pipe capacity 1/8"-2" (6-50 mm), bolt capacity 1/4"-1" (8-25 mm).
 2. Two Optional. Model 821 Blade Type Cutter, pipe capacity 1/2"-2" (15-50 mm).
- Reamer – 5-flute cone, RH, 1/8"-2" (3 mm-50 mm).
- Oil Pump – self-priming gerotor oil pump.
- RH/LH combination reamer available.

Steel Cabinet Features

- 17-gauge steel walls and welded construction
- Two Internal and one external storage shelves
- Oversized bi-fold door with steel clasp
- Cut-outs for power cord and foot switch storage
- Two drain plugs for easy cleaning



No. 100A



No. 150A



No. 200A with Steel Cabinet

THREADING

Catalog No.	Model No.	Description	Die Head	RPM	Voltage (V)	Frequency (Hz)	Phase	Motor Type	Amp Draw (A)	Power	Weight	
											lb.	kg
84097	535A	1/2" - 2" NPT Automatic Chuck Machine	811A	16/46/58	120	60	1	Induction	18	2 HP	350	159
91142	535A	Automatic Chuck Machine Only - No Die Head or Dies		16/46/58	120	60	1	Induction	18	2 HP	340	155
91322	535A	1/2" - 2" NPT Automatic Chuck Machine	816/817	16/46/58	115	60	1	Induction	18	2 HP	360	163

Model 535A Machine Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
42365	341	REAMER, 341	6 ³ / ₄	3.2
42390	820	Wheel-Type Cutter	8 ¹ / ₂	3.9
92457	100A	Universal Leg & Tray Stand	75	34.5
92462	150A	Universal Wheel & Tray Stand	103	46.7
92467	200A	Universal Wheel & Cabinet Stand	104	47.2
51005	819	Nipple Chuck Complete, 1/2" - 2" NPT	10 ¹ / ₂	4.8
35867	839	Adapter Kit for Model 1822/535A Machine	16 ¹ / ₂	7.5
97882	535A	Kit 141 on 535 Auto Chuck with High-Clearance Carriage	12	5.4
12138	535A	Left Hand Threading Kit	2 ¹ / ₂	1.2
42485	4U	4 Heads	8 ¹ / ₂	3.9
42490	6U	6 Heads	12 ¹ / ₂	5.7
97065	811A	NPT Die Head Quick-Open R.H.	13	5.7
97075	815A	815A 1/8" - 2" NPT Die Head, Self-Opening, RH	13	5.9
23282	842	Universal Die Head	12 ¹ / ₂	5.7
97070	811A	811A BSPT Quick-Open Die Head	12 ¹ / ₂	5.7
97080	815A	815A 1/8"-2" BSPT Self-Opening Die Head	13	5.9
97045	531	Bolt Die Head Quick-Open R.H./L.H. 1/4"-1"	7 ¹ / ₂	3.4
97050	532	Bolt Die Head Quick-Open R.H./L.H. 1 1/8"-2"	9	4.1
84537	816	1/8" - 3/4" Semi-Automatic Die Head	13	5.9
84532	817	1/2" - 2" Semi-Automatic Die Head	13	5.9
68160	819	Nipple Chuck 1/2"-2" BSPT	10 ¹ / ₂	4.8
23297	856	British Universal	12 ¹ / ₂	5.7

Note: Mono Die Heads available 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2". All Die Heads are through-head oiling

Standard Equipment

Catalog No. Model No.	84097 535A	91142 535A	91322 535A
74012 - Extreme Performance Thread Cutting Oil	•	•	•
97065 - NPT Die Head Quick-Open R.H.	•		•
47765 - 1/2" - 3/4" Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842)	•		•
47770 - 1" - 2" Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842)	•		•
42365 - REAMER, 341	•	•	•
42390 - Wheel-Type Cutter	•	•	•
41185 - Wheel, Cutter E1032	•	•	•
46030 - Key, Hex 3/16	•	•	•
46015 - Key, Hex 5/32	•	•	•
74012 - Oil, 1 Gal Ext Perf Threading	•		•
97065 - Die Head, 811A QO L/Die	•		
? - Die Head 816/817			•



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Power Threading Machines



No. 100A



No. 150A



No. 200A with Steel Cabinet

Model 535 Threading Machine

The Model 535 maintains the ruggedness of the industry workhorse while adding the features that makes the threading operation more productive. A large chip tray and oil reservoir make the 535 ideal for longer uninterrupted threading. The 535 features a high clearance carriage making the threading operation easier and a generous top cover area that is ideal for keeping tools and work related materials handy. The 535 is designed around maximum uptime with the upgrades that matter most to the pipe working professional. Users also benefit from the part commonality between the 535, the 535A Automatic and other RIDGID® equipment.

- Large 1.75 gal. (6.6 L) oil tray.
- Large chip tray.
- Generous top cover for keeping tools and fittings handy.
- High clearance carriage.
- Speed chuck with rocker-action jaws centers and grips work piece instantly.
- Can be used with geared threaders Models 141 and 161.
- Uses Model 816/817 semiautomatic, Model 815A self-opening or Model 811A quick-opening die heads.
- Length gauge for quick, accurate cut-off.

Specifications

- Pipe Capacity – 1/8"-2" (3mm-50mm) 2 1/2"-4" (62mm-100mm), 4"-6" (100mm-150mm) with 141 and 161 geared threaders.
- Bolt Capacity – 1/4"-2" (6mm-50mm).
- Switches – FOR/OFF/REV and Integral safety foot switch.
- Chuck – Speed Chuck™ with replaceable rocker-action jaw inserts (3).
- Rear Centering Device – Cam-action, turns with chuck.
- Cutters – Self-centering, full-floating. Two models available: One Standard. No. 820 Wheel-Type Cutter, pipe capacity 1/8"-2" (3mm-50mm), bolt capacity 1/4"-1" (6mm-25mm). Two Optional. No. 821 Blade-Type cutter, pipe capacity 1/2"-2" (12mm-50mm). See ordering chart.
- Reamer – 5-flute cone, RH, 1/8"-2" (3mm-50mm).
- Oil Pump – Self-priming gerotor oil pump.
- RH/LH combination reamer available.

Standard Equipment

Catalog No. Model No.	93287 535	96497 535	96502 535	96507 535
42365 - REAMER, 341	•	•	•	•
42390 - Wheel-Type Cutter	•	•	•	•
44185 - Wheel, Cutter E1032	•	•	•	•
46015 - Key, Hex 5/32	•	•	•	•
46035 - Key, Hex 3/16	•	•	•	•
47745 - Dies, Univ. 1/2-3/4 NPT	•	•	•	•
47750 - Dies, Univ. 1-2 NPT	•	•	•	•
70835 - Nu-Clear Oil	•	•	•	•
97065 - NPT Die Head Quick-Open R.H.	•	•	•	•



Catalog No.	Model No.	Description	Die Head	RPM	Voltage (V)	Frequency (Hz)	Phase	Motor Type	Amp Draw (A)	Power	Weight	
											lb.	kg
93287	535	1/2" - 2" NPT Hammer Chuck Machine	811A	36	115	50 - 60	1	Universal	15	1/2 HP	260.0	117.9
96497	535	Hammer Chuck Machine Only - No Die Head or Dies	-	36	115	50 - 60	1	Universal	15	1/2 HP	245.0	111.1
96502	535	1/2" - 2" NPT Hammer Chuck Machine	811A	54	115	50 - 60	1	Universal	20	1/2 HP	260.0	117.9
96507	535	1/2" - 2" NPT Hammer Chuck Machine	811A	36	230	50 - 60	1	Universal	7.5	1/2 HP	260.0	117.9

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
16723	-	Drive Link Assembly for High Clearance Carriage	12	5.5
42405	844	Drive Bar for 141	5 ³ / ₄	2.6
42415	768	Drive Link Assembly for 141	2 ¹ / ₂	1.1
51005	819	Nipple Chuck Complete, 1/2" - 2" NPT	10 ¹ / ₂	4.8
84537	816	1/8" - 3/4" Semi-Automatic Die Head	13	5.9
42365	341	REAMER, 341	6 ³ / ₄	3.2
42390	820	Wheel-Type Cutter	8 ¹ / ₂	3.9
58007	-	Machine stand adapter bracket for 535's built before 1996	17	7.7
92457	100A	Universal Leg & Tray Stand	75	34.5
92462	150A	Universal Wheel & Tray Stand	103	46.7
92467	200A	Universal Wheel & Cabinet Stand	104	47.2
96517	MJ-1	535M Left Hand Threading Kit	3 ¹ / ₂	1.6
97365	-	SET OF INSERTS F/COATED PIPE	1/2	0.2
84532	817	1/2" - 2" Semi-Automatic Die Head	13	5.9

Machines Listed as 1/2"-2" include Standard Equipment. Machine Only includes Standard Equipment less all Die Heads and Dies

All machines have 50/60 Hz Universal 1/2 HP single-phase motors

Note: NPT Dies are for NPT Die Heads only. BSPT Dies are for BSPT Die Heads only

Please use Catalog Item Numbers when ordering. Use High Speed Dies for machines of 45 or more RPM

Accessories

- Die Heads and Dies.
- Die Head Racks.
- Stands - Three Models Available.
- Thread Cutting Oil.
- Nipple Chuck.

Steel Cabinet

- 17-gauge steel walls and welded construction.
- Two internal and one external storage shelves.
- Oversized bi-fold door with steel clasp.
- Cut-outs for power cord and foot switch storage.
- Two drain plugs for easy cleaning.



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Power Threading Machines



Model 1215 Threading Machine

- Compact, lightweight design.
- One-piece aluminum housing.
- Two easy-to-use carrying handles.
- Integral foot switch hanger.
- Powerful motor and transmission.
- Through die head oiling.
- Adjustable oil flow control.
- Approved by CSA to CSA and UL standards (115V only).

Specifications

- Pipe Capacity – 1/4" - 1 1/2" (6mm-37mm).
- Bolt Capacity – Bolt: 5/16" - 1" (6mm-25mm).
- Motor Control – ON/OFF heavy duty switch and integral foot switch.
- Front Chuck – Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device – Cam action.
- Oiling – Through die head adjustable.
- Pump – Self-priming constant flow, gerotor type.
- Cutter – Model 732.
- Reamer – Model 344, 1/4" - 1 1/2".

Catalog No.	Model No.	Description	Die Head	RPM	Voltage (V)	Frequency (Hz)	Phase	Motor Type	Amp Draw (A)	Power	Weight	
											lb.	kg
61142	1215	1/2" - 1 1/2" NPT Hammer Chuck Machine	811A	44	115	60	1	Universal	24	1/2 HP	80	36.00

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
61187	1203	Tripod Stand	15	–
62457	1219	Nipple Chuck, NPT For 1215	5 3/4	–
97045	531	Bolt Die Head Quick-Open R.H./L.H. 1/4" - 1"	7 1/2	3.40
84537	816	1/8" - 3/4" Semi-Automatic Die Head	13	5.90
84532	817	1/2" - 2" Semi-Automatic Die Head	13	5.90

Standard Equipment

Catalog No. Model No.	61142 1215
97065 - NPT Die Head Quick-Open R.H.	•
47745 - 1/2" - 3/4" Universal Alloy Die Set	•
47750 - 1" - 2" Universal Alloy Die Set	•
58657 - 732 Cutter Assembly	•
34612 - Model 344 1/8"-2" Reamer	•
70835 - Nu-Clear Oil	•



Power Threading Machines



Model 300 Compact Threading Machine

- Heavy-duty proven performance.
- Lightweight, portable design.
- Fast transport and set-up.
- Self-Contained Oil System with adjustable flow control.
- Versatility for threading and grooving.
- Quiet operation.

Specifications

- Pipe Capacity – 1/8" - 2" (3mm-50mm).
- Bolt Capacity – 1/4" - 2" (6mm-50mm).
- Motor Control – Heavy duty rotary FOR/OFF/REV with integral foot switch.
- Chuck – Hammer-type with replaceable, rocker-action jaw inserts.
- Oiling System – Through-the-head, with integral oil reservoir. Self-priming, constant-flow, gerotor pump.

Catalog No.	Model No.	Description	Die Head	RPM	Voltage (V)	Frequency (Hz)	Phase	Motor Type	Amp Draw (A)	Power	Weight	
											lb.	kg
66947	300 Compact	1/2" - 2" NPT Hammer Chuck	811A	36	115	50 - 60	1	Universal	15	1/2 HP	115	52.3
67182	300 Compact Kit	1/2" - 2" NPT Hammer Chuck w/ 250 Folding Wheel Stand	811A	36	115	50 - 60	1	Universal	15	1/2 HP	160	72.7
73447	300 Compact*	1/2" - 2" NPT Hammer Chuck	811A	52	115	50 - 60	1	Universal	18	1/2 HP	115	52.3
75602	300 Compact Kit*	1/2" - 2" NPT Hammer Chuck w/ 250 Folding Wheel Stand	811A	52	115	50 - 60	1	Universal	18	1/2 HP	160	72.7
58752	300 Compact	1/2" - 2" BSPT Hammer Chuck (Australia)	811A	36	230	50 - 60	1	Universal	7.5	1/2 HP	115	52.3
58757	300 Compact	1/2" - 2" NPT Hammer Chuck (Export Only)	811A	36	230	50 - 60	1	Universal	7.5	1700 W	115	52.3

Standard Equipment

Catalog No. Model No.	66947 300 Compact	67182 300 Compact Kit	73447 300 Compact	75602 300 Compact Kit	58752 300 Compact	58757 300 Compact
70835 - Nu-Clear Oil	•	•	•	•	•	
97065 - NPT Die Head Quick-Open R.H.	•	•	•	•		
34612 - Model 344 1/8"-2" Reamer	•	•	•	•	•	•
42370 - Model 360 1/8"-2" Full Floating, Self Centering Cutter	•	•	•	•	•	•
47745 - 1/2" - 3/4" Universal Alloy Die Set	•	•	•	•		•
47750 - 1" - 2" Universal Alloy Die Set	•	•	•	•		•
46030 - Key, Hex 3/16	•	•	•	•	•	
46015 - Key, Hex 5/32	•	•	•	•	•	
46045 - Key, Hex 5/16	•	•	•	•	•	
67657 - STAND 250 FOLDING F/NA		•		•		
66665 - 1/2" - 3/4" universal alloy set					•	
97070 - Diehead, 811A QO BSPT L/ Dies					•	
97075 - 815A 1/8" - 2" NPT Die Head, Self-Opening, RH						•

Die Heads

Catalog No.	Model No.	Description	Weight	
			lb.	kg
84537	816	1/8" - 3/4" Semi-Automatic Die Head	13	5.9
97045	531	Bolt Die Head Quick-Open R.H./L.H. 1/4"-1"	7 1/2	3.4
97050	532	Bolt Die Head Quick-Open R.H./L.H. 1 1/8"-2"	9	4.1
97065	811A	NPT Die Head Quick-Open R.H.	13	5.7
97075	815A	815A 1/8" - 2" NPT Die Head, Self-Opening, RH	13	5.9
84532	817	1/2" - 2" Semi-Automatic Die Head	13	5.9
97070	811A	811A BSPT Quick-Open Die Head	12 1/2	5.7
97080	815A	815A 1/8"-2" BSPT Self-Opening Die Head	13	5.9

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
51005	819	Nipple Chuck Complete, 1/2" - 2" NPT	10 1/2	4.8
67662	-	Adapter Bracket for 300 Compact	30	13.6
68160	819	Nipple Chuck 1/2"-2" BSPT	10 1/2	4.8

Stands

Catalog No.	Model No.	Description	Weight	
			lb.	kg
67657	250	STAND 250 FOLDING F/NA	45	21.0
92457	100A	Universal Leg & Tray Stand	75	34.5
92462	150A	Universal Wheel & Tray Stand	103	46.7
92467	200A	Universal Wheel & Cabinet Stand	104	47.2
22563	-	Steel Cabinet	42	19.3



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