

Reed Machinery, Inc.

Three Die Thread Rolling Machines

Three Die Machines

All Reed three die machines utilize the proven self-centering design to produce parts of the highest quality at production rates as high as 100 ppm. These machines offer:

- Easy setup*
- Precise Die Matching*
- Low Maintenance*
- Adaptability to manual, semiautomatic or automatic feed*
- High quality production*
- A variety of controls, power and automation*

Model A22

Vertical three die cylindrical machine

- Standard and Heavy Duty models available (HD model shown)
- For general purpose or specific part applications
- Ideal for aircraft materials
- Optional computer controls and variable speed drive



Model A25

Horizontal three die cylindrical machine

- Thru-feed only
- Designed to run continuous heavy loads
- Ideal for bar lengths and studs on tough materials



Model A23

Horizontal three die cylindrical machine

- In-feed and thru-feed capability
- For threaded rod with standard thread forms, acmes or ball forms
- Ideal for rolling forms on tubing



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Your Representative

Reed Machinery Three Die Machines

Specifications		A22	A22HD	A23	A25
<i>In-feed</i> <i>Thru-Feed</i>	Thread Diameters	1/4 to 3-3/4" 1/4 to 1"	1/4 to 3-3/4" 1/4 to 1"	1/4 to 3-3/4" 1/4 to 1"	— 1/2 to 2-1/2"
<i>In-feed</i> <i>Thru-Feed</i>	Thread Lengths	up to 2-3/8" up to 11"	up to 3" up to 14"	up to 2-3/8" up to 20"	— up to 20"
	Spindle Diameters	up to 1-9/16"	up to 2-1/8"	up to 1-9/16"	1" 1-1/2" 2-1/8"
<i>Diameter</i> <i>Max.</i> <i>Width</i> <i>Max.</i>	Dies	4" 2-3/8"	4-3/4" 3"	4" 2-3/8"	6" 3-1/8"
	Die Speeds (RPM)	110 to 720	155 to 735	117 to 617	99 to 669
	Cam Speeds (pieces/minute) Max. automated speed (ppm)	6 to 26 100	8 to 38 60	6 to 29	---
	Power	10 hp	20 hp	10 hp	15 hp
	Max. Radial Die Load (in tons)	15	20	15	15
	Loading Height	42	47	42	42
	Floor Space (inches/L x W)	46 x 36	46 x 36	76 x 40	61 x 40
	Net Weight (pounds)	3100	3700	4700	5800
Metric		A22	A22HD	A23	A25
<i>In-feed</i> <i>Thru-Feed</i>	Thread Diameters	6 to 95 mm 6 to 25 mm	6 to 95 mm 6 to 25 mm	6 to 95 mm 6 to 25 mm	— 12 to 63 mm
<i>In-feed</i> <i>Thru-Feed</i>	Thread Lengths	up to 60 mm up to 279 mm	up to 76 mm up to 355 mm	up to 60 mm up to 6 meters	— up to 6 meters
	Spindle Diameters	up to 39.6 mm	up to 53.9 mm	up to 39.6 mm	25.4 mm 38.1 mm 53.9 mm
<i>Diameter</i> <i>Max.</i> <i>Width</i> <i>Max.</i>	Dies	101 mm 60.3 mm	120 mm 76.2 mm	101 mm 60.3 mm	152 mm 79.3 mm
	Die Speeds (RPM)	110 to 720	155 to 735	117 to 617	99 to 669
	Cam Speeds (pieces/minute) Max. automated speed (ppm)	6 to 26 100	8 to 38 60	6 to 29	---
	Power	7.4 kW	15.0 kW	7.4 kW	11.3 kW
	Max. Radial Die Load	133 kN	178 kN	133 kN	133 kN
	Loading Height	1066 mm	1193 mm	1066 mm	1066 mm
	Floor Space (mm/L x W)	1168 x 914	1168 x 914	1930 x 1016	1549 x 1016
	Net Weight	1405 kg	1678 kg	2131 kg	2630 kg

All maximum values may not be obtained simultaneously.