



BARFEED REFERENCE GUIDE

	Fixed & Sliding Headstock Manual Barfeeders	Fixed or Sliding Headstock Automatic Barfeeders									Spindle Length Automatic Barfeeders					
	HYS-HS	TRYTON 112+	GT112-E	GT 342	Alpha 552	EXPRESS 220 S2+	GT326-E	EXPRESS 332+	SPRINT 565 S2	QUICK SIX S2+	Alpha SL65 S	QUICK LOAD SERVO 80+	Quick Load Servo 105	Quick Load Servo 105-L	QUICK LOAD SERVO S3+	
Swiss Style or Fixed Headstock	Both	Swiss	Swiss	Swiss	Fixed	Both	Both	Both	Both	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
Manual Load	Yes/12 Models	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Auto Load	-	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
12' Bar Length/Others 3m, 4 m available	YES	YES	12'-2" or 6'-6"	YES	YES	YES	YES	YES	YES	6'	Spindle Length	Spindle Length	Spindle Length	Spindle Length	Spindle Length	
Floor Space (US)	18'-3"	17'-7" X 19"	14'-11"	15'-8" X 31"	15'-6" X 31"	15'-9" X 22"	14'-5" X 18"	16' X 26"	15' X 31-1/4"	9'-2" X 34"	75" X 39"	83" X 35"	80" X 65"	93" X 65"	81" X 71"	
Diameter Range	1/16" to 2-5/8"	.031" to 1/2"	.031" to 1/2"	0.12" to 1.73"	.20" to 2.047"	.079" to 1.02"	.118" to 1.02"	.118" to 1-1/4"	.20" to 2-1/2"	3/8" to 3-1/8"	1/4" to 2-5/8"	1/4" to 3-1/8"	1/4" to 4-1/8"	3/8" to 4-1/8"	1/4" to 4-3/4"	
Impact on Lathe RPM	Depending on the shape, material type and straightness of the bar stock									2 to 3,000 Sfm	2 to 3,000 Sfm	None	None	None	None	None
Time Same Dia. Changeover	None	2 min.	2 min.	2 min.	3 min.	2 min.	2 min.	2 min.	2 min.	15 sec.	5 min	15 sec.	15 sec.	15 sec.	15 sec.	
Time for Dia. Changeover	1 min.	8 min.	10 min.	7 min.	8 min.	8 min.	8 min.	8 min.	8 min.	4 min.	8 min.	15 sec.	15 sec.	15 sec.	15 sec.	
Spindle Liner Changeover	Swing-out b/f	Swing-out b/f	Through b/f	Through b/f	Retract b/f	Through b/f	Through b/f	Through b/f	Retract b/f	Retract b/f	Retract b/f	Retract b/f	Retract b/f	Retract b/f	Retract b/f	
Tray Capacity	1 Bar	14 to 45 Bars	15 or 30 Bars	11.4"	11.8"	9.5"	10.6"	11.6"	9 Bars	8 Bars	26"	24"	26"	26"	39"	
Feeding with or without Turret	Turret	Turret	Turret	Turret	Turret	Turret	Turret	Turret	Turret	Both	Both	Both	Both	Both	Both	
Bar End Preparation	Chamfer	greater than .437" bar stock diameter, must prep end	greater than .437" bar stock diameter, must prep end	None	greater than 1.85" bar stock diameter, Chamfer	greater than .945" bar stock diameter, must prep end	greater than .945" bar stock diameter, must prep end	None	None	None	None	None	None	None	None	
Remnant Retract	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	
Number of Remnants per 12' Bars	1	1	1	1	1	1	1	1	1	2	3 to 4	3 to 4	3 to 4	3 to 4	3 to 4	
Length of Remnants	Depends on part length, machine type, chucking device, cut-off position and application (single or multiple feeds)															
Bar Support	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	None	None	None	None	None	
Shipping Weight (US)	1,321 lbs. to 2,507 lbs.	2,050 lbs.	1,130 lbs.	2,800 lbs.	2,680 lbs.	1,870 lbs.	1,300 lbs	1,870 lbs.	3,080 lbs.	2,145 lbs.	1,020 lbs.	1,200 lbs.	1,300 lbs.	1,350 lbs.	1,750 lbs.	

Barstock Straightness Specifications and Performance

For optimum rotational performance speeds, bar stock straightness needs to be .020" pers side, per 3.25 feet, non accumulative. Bar stock out of this tolerance will not run at optimum RPM. Other factors such as material type (brass, copper, bronze and other malleable materials), clamping efficiency of the machine workholding, alignment of the bar feed, oil type, bar preparation and spindle liners will affect optimum RPM capability of the system.

Note: Specifications can change without notice.



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