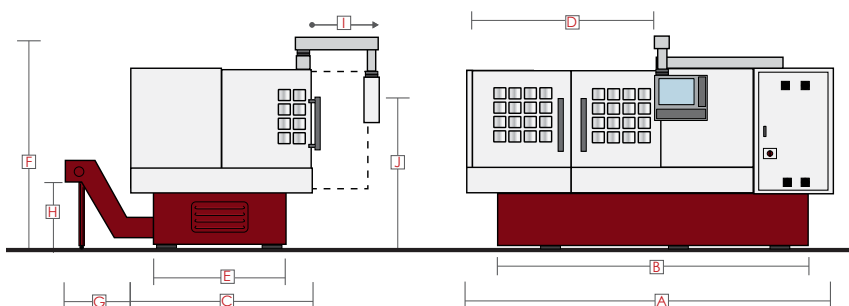


VT SERIES SPECIFICATIONS		VT-40	VT-60	VT-80
MACHINE CAPACITY	Maximum Swing Diameter	40"	60"	80"
	Cutting Diameter Range	0" - 40"	0" - 60"	12" - 80"
	Maximum Cutting Length	32" (48")	32" (48")	32" (48")
	Width of Bed	32"	32"	32"
	Column Travel (X)	24"	34"	35"
	Turret Face to Spindle Center (X)	-3" - 21"	-3" - 31"	6" - 41"
	Longitudinal Travel (Z)	32" (48")	32" (48")	32" (48")
	Turret Face (bottom) to Spindle Nose max/min (Z)	8" - 40" (8" - 56")	8" - 40" (8" - 56")	8" - 40" (8" - 56")
	Number of Turret Positions	8 (12)	8 (12)	8 (12)
	Live Tooling Spindle (Opt)	10 HP 10 - 4,000 RPM	10 HP 10 - 4,000 RPM	10 HP 10 - 4,000 RPM
	Turret Tooling Size	BMT-65	BMT-65	BMT-65
	Ballscrew Size	2.00" X, Z	2.00" X, Z	2.00" X, Z
	Maximum Part Weight	8,000 lbs.	10,000 lbs.	10,000 lbs.
SPINDLE	Spindle Nose	A2-11	A2-15	A2-15
	Spindle Nose Taper	N/A	N/A	N/A
	Spindle Bore	2.625	2.625	2.625
	Spindle Motor HP (Peak)	40 HP	75 HP	75 HP
	Max Spindle Torque (peak)	3,050 ft/lbs	2,700 ft/lbs	2,700 ft/lbs
	Spindle Speed (RPM)	20 - 1,500	10 - 500	10 - 500
PERFORMANCE	Positioning Accuracy	'X, Z '+/-0.0002" (C +/-10 arc/sec)	'X, Z '+/-0.0002" (C +/-10 arc/sec)	'X, Z '+/-0.0002" (C +/-10 arc/sec)
	Positioning Repeatability	+/- 0.0001"	+/- 0.0001"	+/- 0.0001"
	Rapid Traverse (X, Z)	750 IPM	750 IPM	750 IPM
	Servo Type	AC Digital Brushless	AC Digital Brushless	AC Digital Brushless
	Axis Thrust (Peak)	6,504 lbs. X, Z	6,504 lbs. X, Z	6,504 lbs. X, Z
GENERAL INFO	Air Requirements	90 PSI - 5 CFM	90 PSI - 5 CFM	90 PSI - 5 CFM
	Coolant Capacity	75 Gallons	75 Gallons	75 Gallons
	Coolant Flow	8 GPM	8 GPM	8 GPM
	Power Requirements	80 AMP	120 AMP	120 AMP
	Voltage Requirements	380-500 VAC 3 PHASE	380-500 VAC 3 PHASE	380-500 VAC 3 PHASE
	Shipping Dimensions* (WxDxH)	140" x 67" x 115"	162" x 79" x 115"	185" x 100" x 115"
	Operating Dimensions (WxDxH)	140" x 67" x 148"	162" x 79" x 148"	185" x 100" x 148"
	Machine Weight	26,000 lbs.	32,000 lbs.	37,000 lbs.



	VT-40	VT-60	VT-80
Overall Machine Width (A)	140"	162"	185"
Floor Width (B)	116"	150"	170"
Overall Machine Depth (C)	67"	79"	100"
Door Opening (D)	42.5"	74.5"	86"
Floor Depth (E)	57"	77"	94"
Maximum Height (F)	148"	148"	148"
Conveyor Protrusion (G)	45"	45"	45"
Conveyor Height (H)	40"	40"	40"
Console Swing (I)	22"	22"	22"
Console Height (J)	60"	60"	60"
Net Machine Weight	26,000 lbs.	32,000 lbs.	37,000 lbs.

* Requires some disassembly to meet these minimum dimensions. Contact factory for more information.

© 2025 Fryer Machine Systems, Inc. rev 071525
Specifications subject to change without prior notice.