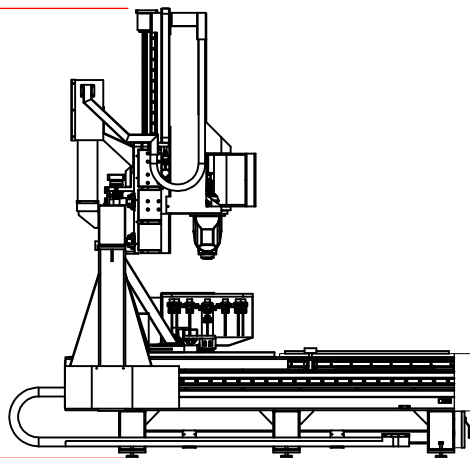
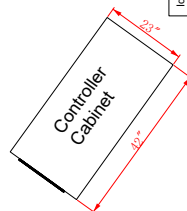
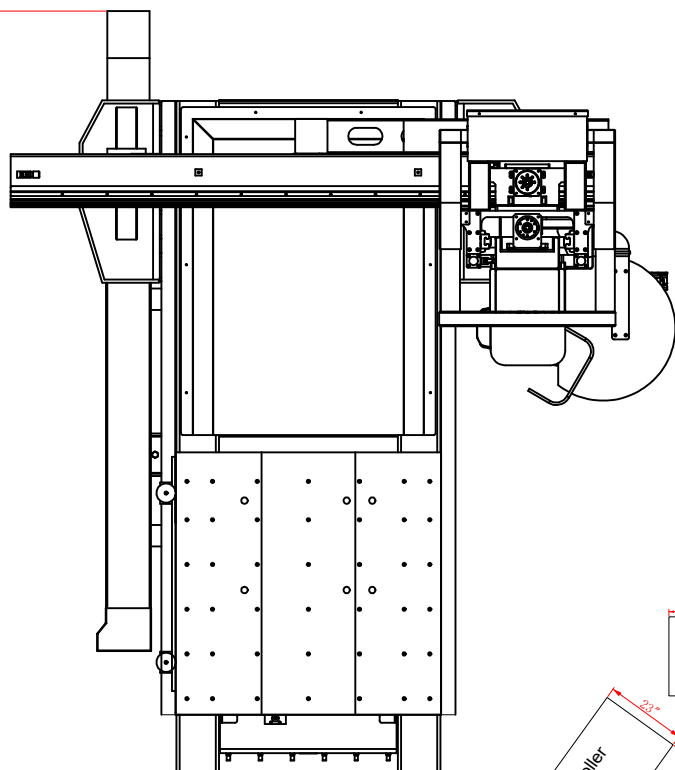


157" 13'



180" 15'



LAGUNA

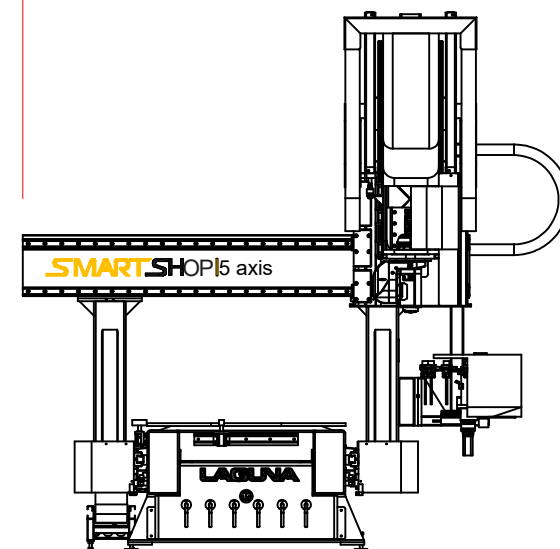
5'x5'

SMARTSHOP 5 axis



SPECIFICATION:	DRAWN,S.B.,_8/28/2025,_REV,1
POWER REQUIREMENTS.	See Below,varies on vacuum choice.
FOOTPRINT.	143" W X 180" L
WORKING AREA.	61" x 61"
GANTRY CLEARANCE.	36"
ARTICULATING SPINDLE HEAD.	12HP HSD HS300 2 Axis, 9 HP
SPINDLE RPM.	5,000-24,000
RAPID TRAVEL.	Up to 3000 IPM
MAXIMUM CUTTING SPEED.	1200 IPM
DUST PORT DIAMETER.	N/A
PRECISION HELICAL RACK & PINION.	30MM HEAVY DUTY LINEAR BEARING,ALL AXES
DRIVE SYSTEM FOR X AND Y AXES	
CONTROLLER.	Fanuc 31i-B5 with Data Server
SERVO MOTORS	FANUC, 1500W SERVO SYSTEM
SOLID STATE HOME SWITCH'S.	YES
HEAVY DUTY WELDMENT TUBULAR STEEL FRAME.	6000 POUNDS
CENTRALIZED LUBRICATION SYSTEM FOR ALL AXES.	YES
VACUUM TABLE	6 ZONES , POD ready NEMI standard
TOOL CONE STYLE	HSK63F
TOOL CAPACITY	12 Position Rotary Tool Changer
BORING BLOCK CAPABLE	YES, 5X5 HSD Boring Block(Optional)
VACUUM OPTIONS:	MACHINE POWER BASED ON VACUUM CHOICE
1 pcs,10hp stock regen vacuum_3 phase	220v,3 Phase,60 amps
1 pcs,10hp Becker SV400 vacuum_3 phase	220v,3 Phase,60 amps
1 pcs,8.6hp Becker Vane vacuum_3 Phase	220v,3 Phase,60 amps
1 pcs,12hp Becker Vane vacuum_3 Phase	Remote starter needed, 220v,3ph,45 amps. Optional, 480v,3ph,30 amps. CNC Motion 220v,3 phase,60 amps

143" 12'



5-AXIS, 5x5, 36" GANTRY

LAGUNATOOLS, GRAND PRAIRIE, TEXAS

8/26/2025, S.B., REV,1, NTS