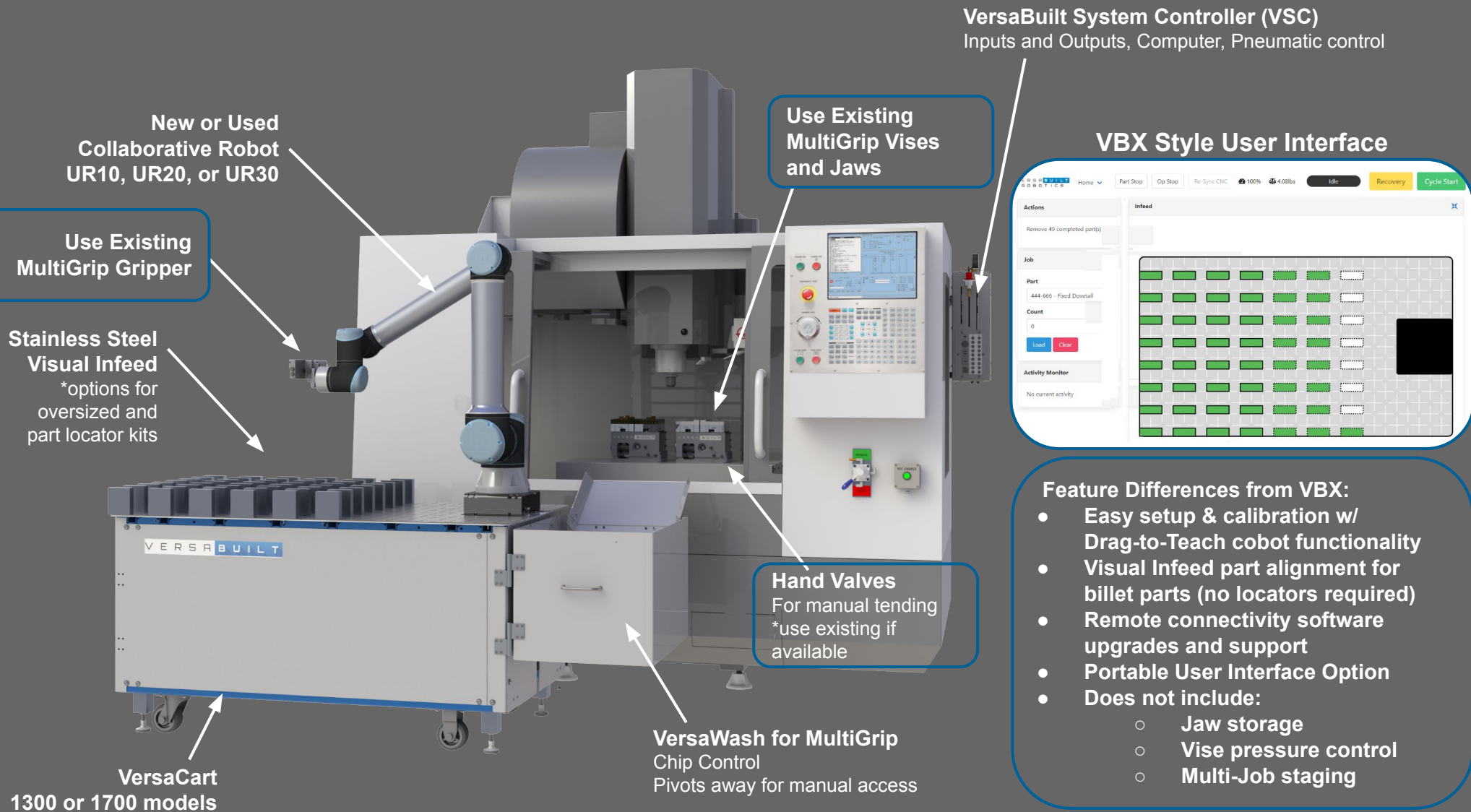


VERSA BUILT

VBX-160 Upgrade Mill Automation System



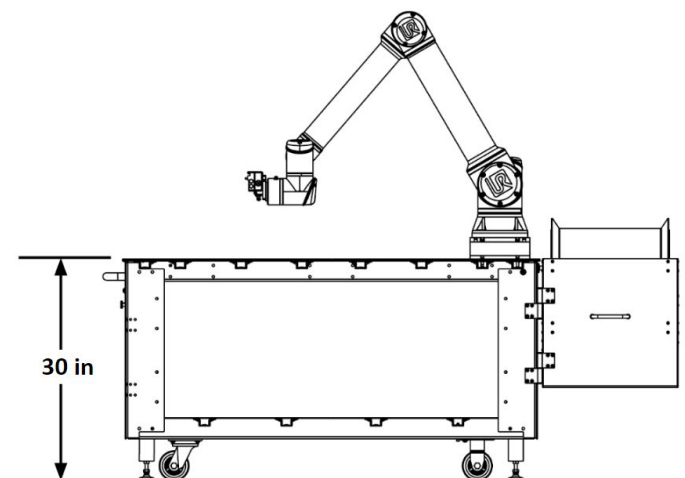
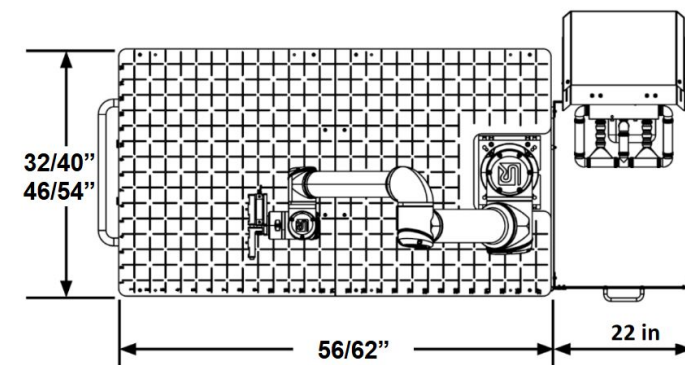
No Robot Programming

Install in 1-2 days

Plug and Play with any CNC

VERSABUILT

Hardware/Software included <i>*Robots can be sold separately or system can use existing robots</i>	UR10e, UR 20 or UR30	MultiGrip Gripper Adapter for Existing VBX Gripper	VersaWash *chip mitigation
	Robot to CNC communication	Utilize Existing VBX Gripper	Electrical signal and communication cables
	VersaBuilt System Controller	Utilize Existing VBX Jaws and Vises	Pneumatic valves and tubing
	VSC User Interface Software	VersaCart 1300 with Standard SS Visual Infeed	Hand valves for Manual Tending
Vise Options	Existing VBX Vises, MultiGrip 2000, MultiGrip 4000, Standard Housing or Housing with Steel Top		
Portability	VersaCart on Casters with adjustable footpads to set position *optional floor anchors available		
Maximum Part Sizes	Max Width x Length x Height	12 x 16 x 10 inches	
Maximum Payload Gripper = 1.70kg / 3.75lbs	Robot Model	Max Payload for Part + Gripper	
	UR10e	12.5kg / 27.5 lbs	
	UR20	20kg / 44.0 lbs	
	UR30	30kg / 66.0 lbs	
Software	VSC Software enables users to run system, recover, add/configure multiple parts, configure settings, test I/O, calibrate, and enable remote support.		
Programming	No Robot Programming required when used with VersaBuilt System Controller VSC configured software		
User Interface	User Interface Connection Options <i>*customer provided</i> • Web based application, connected via Wi-Fi or network, Phone, Tablet, Laptop or Computer • Monitor, keyboard, mouse connection to VersaBuilt System Controller		
Support	Remote connectivity available for software updates and remote support *availability of network connection for remote support is customer responsibility		
CNC compatibility	Vertical Machining Centers *Horizontal Milling Centers, depending on layout Robot2CNC dynamic communication for Haas NGC/Legacy and Fanuc Focus 2.0 controls Handshake communication with all other CNCs		
Air Requirements	90-120 psi, 15-20 scfm *air should be conditioned to meet ISO 8573-1:2010 [7:4:4] standard		
Electrical Requirements	120VAC 1 Phase, 50/60Hz, Full Load 30A (Robot, Controls, VersaWash Pump)		
Optional Accessories and Substitutions	VersaDoor CNC AutoDoor	Area Safety Scanners	Oversized SS Visual Infeed
	MultiGrip Jaw Options (OD, ID, Pallet)	VersaBites/VersaRails	Vise Pressure Doubler
	VersaCart Custom Infeed Kit	Extra Vise Valves up to 4 vises	VersaCart 1700
	Dual CNC Setup	VersaCart Anchor Kit	



MultiGrip™

- Pick and Place Parts with Jaws
- Flip parts without custom regrip
- Enables Multi-Operation parts
- Enables High-Mix