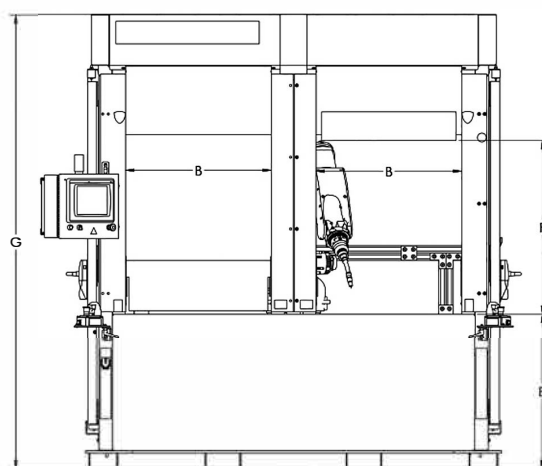
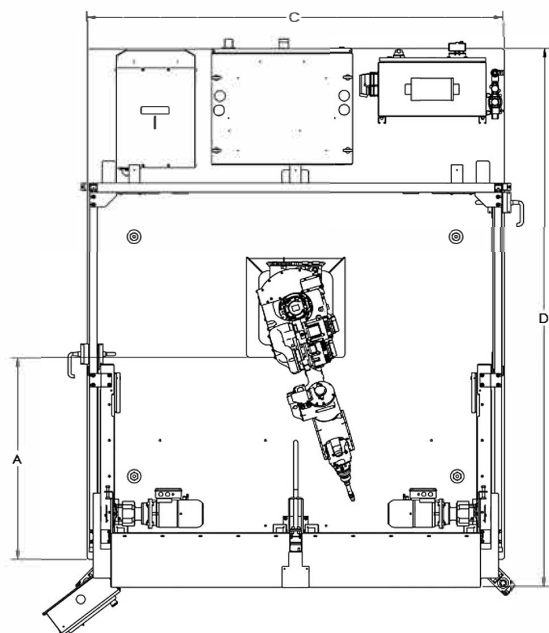


TranTek Systems pre-engineered automation cells are cost-effective and offer the following features and benefits:

- Common bases for ease of installation and start-up
- Work cell design is adaptable to multiple configurations and applications
- Available with tooling for a turn-key single source solution
- Pre-engineered for shorter lead-times
- Low investment cost
- PLC/HMI and other features of high technical content are included
- Safety PLC is standard
- Customer selectable component options in base price
- Compatible with all robot manufacturers
- Easy tool accessibility from rear entry doors
- Obstruction-free cell access with hidden cable routing
- Preconfigured PLC/HMI base programs for easy start-ups

Standard Specifications

1000 Dual Door Weld



TEKCEL 1000

WORK CELL DIMENSIONS

"A" - Work Area	45.00" (1143mm)
"B" - Front Opening Width	32.50" (825.5mm)
"C" - Overall Width	93.00" (2362mm)
"D" - Overall Length	120.12" (3051mm)
"E" - Work Height	34.63" (880mm)
"F" - Opening Height	44.00" (1117.6mm)
"G" - Overall Height	101.41" (2575.8mm)

OPTIONAL FEATURES

Light Hood	For vision applications
Tool Positioner	Robot aux axis
Manual Doors	Horizontal sliding doors
Remote Access	For off-site support

INCLUDED FEATURES

Cell Lighting	Industrial led light bars
Robot Riser	300-620mm height range (100mm increments)
Two Safety Gates	Solenoid locking with internal release with lock-out
Integrated Cell	Functionally programmed cell ready for tooling
Stack Light	3 color red, amber & green
Operator Runbar	Cycle start OPTO-Touch & E-Stop
PLC (Choice Of)	AB CompactLogix Safety Processor 5069 L310ERS2 Siemens SIMATIC S7-1500 F
HMI (Choice Of)	AB PanelView Plus 7-10" Siemens TP1200 Comfort Panel
Paint Color (Choice Of)	Any RAL color pallet industrial enamel
Lower Panel Color	Red, blue or charcoal 1/4" polymer panel
Viewable Weld Windows	1/4" clear polycarbonate panels with blue curtains
PLC Main Panel	Low voltage control panel (24VDC)
Power Distribution Panel	High voltage control panel (120VAC-480VAC)
Quick Disconnect Tooling Features	Ethernet I/O available at tooling
FRL & Drip Leg	1/2" drip leg, filter regulator & lock-out
Automatic Doors	Vertical roll-up
Tool Riser	Tubular frame

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