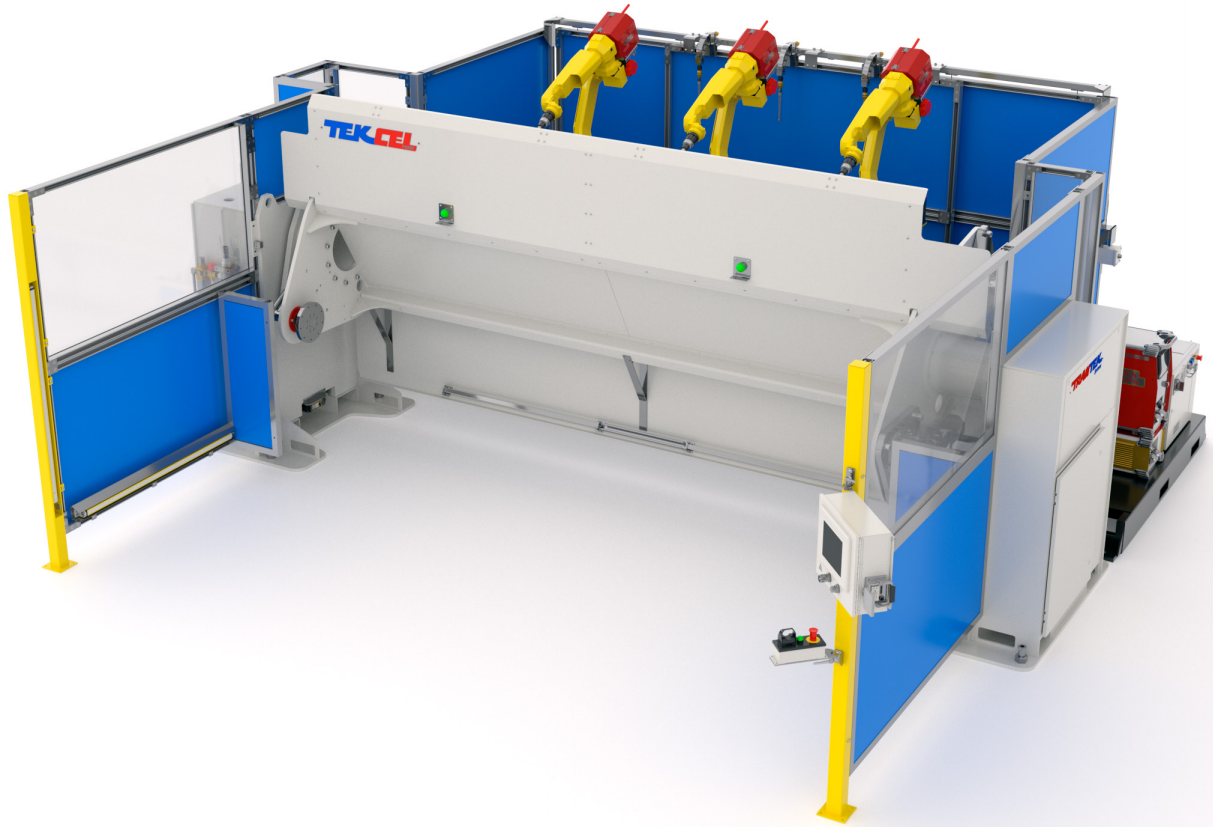




TekCel T4000 Welding



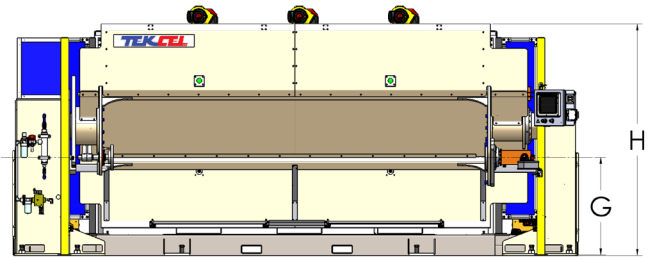
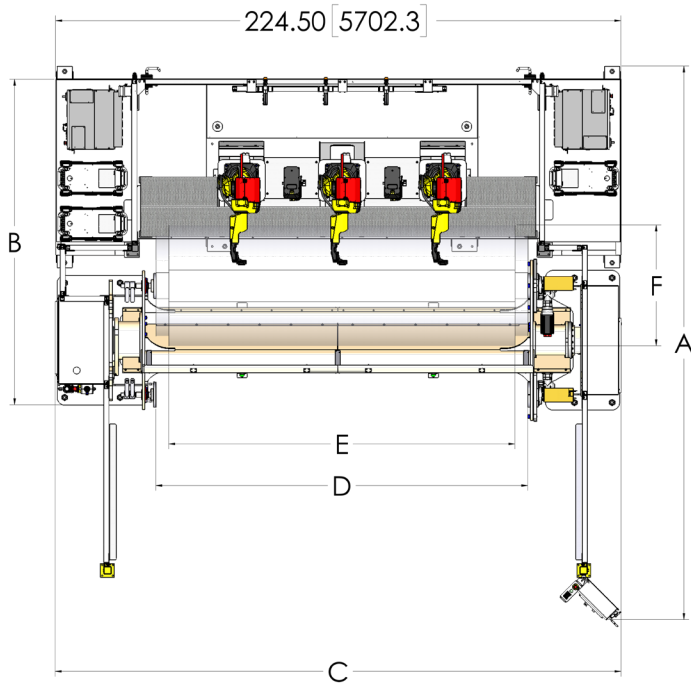
TranTek Systems pre-engineered automation cells are cost-effective and offer the following features and benefits

- Common base for ease of installation and start up
- 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



TranTek Systems
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Traverse City, MI
49696

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CAPACITIES	
Max Weight Per Side	3000 pounds (1361 kg)
Main Index Time 180°	3 seconds
Minor Axis 180°	2.5 seconds

WORK CELL DIMENSIONS	
"A" – Overall Length	220.00" (5588mm)
"B" – Cell Length	129.25" (3283mm)
"C" – Overall Width	225.00" (5717mm)
"D" - Overall Tool Length	147.75" (3752.85mm)
"E" – Tool Envelope Length	137.50" (3492.50mm)
"F" - Tool Envelope Diameter	48.00" (1219.20mm)
"G" - Working Height	38.75" (984.25mm)
"H" – Overall Height	92.00" (2336.80 mm)

INCLUDED FEATURES	
Dial Indexer with Plate	Robot 7th axis controlled indexer
Slip Ring	I/O power, Ethernet & air
Rotary Ground	400amp per weld power source
Light Curtains	25mm resolution cascadable
Cell Lighting	Industrial led light bars
Robot Riser	300 & 620mm height
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 L320ERS2 Siemens SIMATIC S7-1500 F
HMI (Choice Of)	AB PanelView Plus 7 -1 O" Siemens TP1200 Comfort Panel
Paint Color (Choice Of)	Any RAL color pallet- industrial enamel
Panel Color	Red, blue or charcoal 1/4" polymer
PLC Main Panel	Low voltage control panel (24vdc)
Power Distribution Panel	High voltage control panel (120vac-480vac)
FRL & Drip Leg	3/4" drip leg, filter regulator & lock-out



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