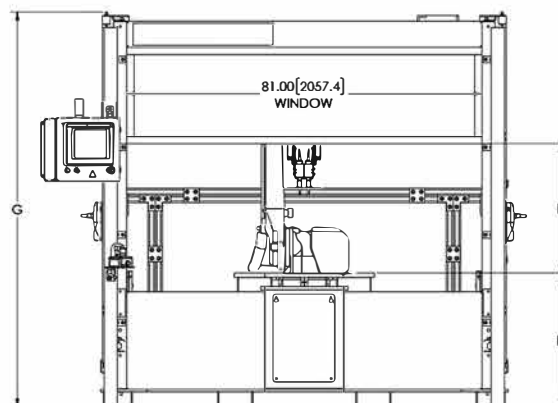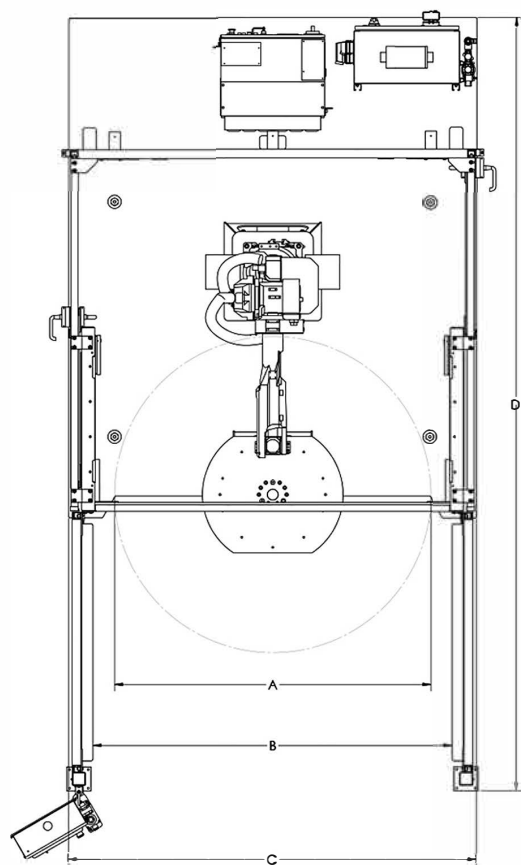TranTek Systems pre-engineered automation cells are cost-effective and offer the following features and benefits:

- 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

TRANTEK Systems

81.00 [2057.4]
WINDOW

TEKCEL *D1000*

CAPACITIES

Max Weight Total	1300 pounds (590 kg)
Max Weight Per Side	500 pounds (227 kg)
Index Time 180°	2 seconds

WORK CELL DIMENSIONS

"A" - Dial Diameter	72" (1829mm)
"B" - Front Opening Width	81.75" (2076.7mm)
"C" - Overall Width	93.00" (2362mm)
"D" - Overall Length	176.19" (4475.2mm)
"E" - Dial Height	30.55" (775.9mm)
"F" - Opening Height	29.45" (748.1mm)
"G" - Overall Height	90.08" (2288.0mm)

OPTIONAL FEATURES

Remote Access	For off-site support
Weld Package(S)	Torch, reamer, power source, wire feeder & misc.
Light Hood	For vision applications

INCLUDED FEATURES

Dial Indexer with Plate	Robot 7th axis controlled indexer
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 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
Panel Color	Red, blue or charcoal 1/4" polymer
Viewable Windows	1/4" clear polycarbonate panels
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