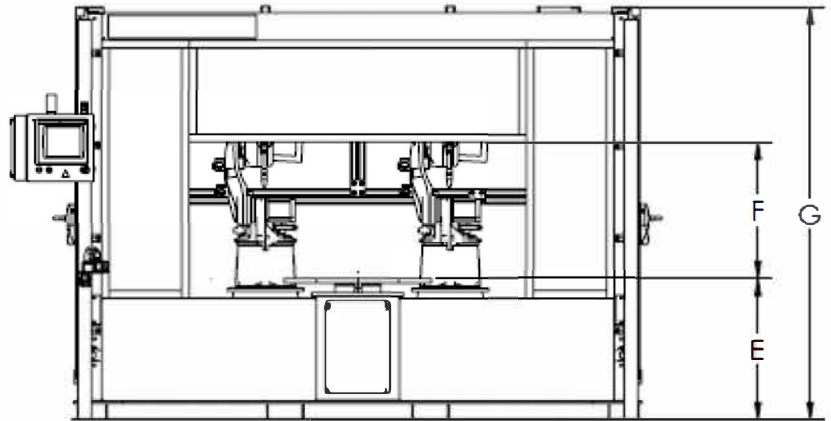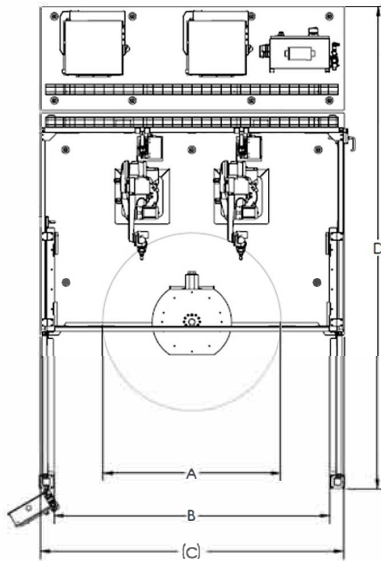TranTek Systems pre-engineered automation cells are cost-effective and offer the following features and benefits:

- 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

TEK-CEL D2000

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	111.8" (2839.8mm)
"C" - Overall Width	123.00" (3124mm)
"D" - Overall Length	195.19" (4957.8mm)
"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
Robots	One or two

TRANTEK Systems

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 L320ERS2 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 panel
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