The CRZ FT is a compact system ideal for small to medium parts. The CRZ FT can be configured as a single station or dual station system. Each station can be equipped with either a flat table or trunnion for part positioning.

**KEY FEATURES**

- **Productivity**
  - Reduces downtime during fixture changeover
  - Independent stations reduce overall cycle time
  - System configuration allows for multiple in-line program layout – progressive processing application

- **Functionality**
  - Quick installation – single unitized base
  - LifeGUARD door reduces required floor space and operator walk distances

- **Reliability**
  - Pre-engineered, proven design
  - Single source responsibility
  - 24-hour support service

- **Flexibility**
  - Able to accommodate several configurations
  - Single or twin stations, stations can be equipped with either a flat table or trunnion for part positioning
  - Easily configured to meet application requirements

**Base Positioner Configuration**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table dimension</td>
<td>30-inches (762-mm) x 80-inches (2032-mm)</td>
</tr>
<tr>
<td>Single station</td>
<td>30-inches (762-mm) x 40-inches (1016-mm)</td>
</tr>
<tr>
<td>Load height</td>
<td>32-inches (812-mm)</td>
</tr>
<tr>
<td>Weight capacity</td>
<td>1,100-lbs (500-kg)</td>
</tr>
</tbody>
</table>

**Base Component Configuration**

- FANUC ArcMate 100iC or Panasonic 1400
- Lincoln i400 or Miller Auto Axcess 300
- Tregaskiss, Binzel or TBi air-cooled through arm torch
- Genesis torch alignment package
- Safety package (includes LifeGUARD safety door, gate interlock and barriers)
- Genesis Allen-Bradley controls package with L1 processor
Standard Dimensional Specifications

Table dimension TD
- Single station: 30-inches (762-mm) x 80-inches (2032-mm)
- Two stations: 30-inches (762-mm) x 40-inches (1016-mm)

Table height TH
- 32-inches (812-mm)

Cell width CW
- 99-inches (2515-mm)

Cell depth CD
- 111-inches (2820-mm)

Cell height CH
- 91-inches (2311-mm)

Standard Capacity Specifications

Weight capacity (table configuration)
- 1,100-lbs (500-kg) per station

Weight capacity (trunnion configuration)
- 1,650-lbs (748-kg) for single station trunnion
- 600-lbs (272-kg) for two station trunnion

Engineering specifications for 1,650-lbs or 600-lbs capacity trunnion
- Gearbox rated torque 1617Nm
- Gearbox ratio 161:1
- Gearbox maximum moment 2940Nm
- Motor maximum RPM 4,000
- Motor torque output 12Nm
- Nominal acceleration .5 seconds
- Allowable tool out of balance torque 250Nm
- 180-degree index time 2.0 seconds

Standard Platform Options

- Single station trunnion
  - (64-inch tool length, 39-inch tool swing diameter)
- Two station trunnion
  - (32-inch tool length, 39-inch tool swing diameter)
- Roll down safety barrier
- Exposed power track cable carrier system
- Smoke hood and extraction system
- Off-line programming
- Installation
- Training programs (basic, advanced, maintenance, off-line, CRAW)
- Intelligence Center™

Standard Component Options

- Robot models: FANUC, Panasonic, Motoman
- Process gear: Miller, Lincoln, Fronius, Thermadyne, Hypertherm
- Welding torches: Tregaskiss, Binzel, TBI, Fronius
- Torch cleaners: Tregaskiss, Binzel, TBI
- Controls: PanelView 1000+ Compac

Real time status, alarms, historical trends, critical parameters and automatic backup of your workcell anywhere, anytime.