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
- Manual sliding doors reduce 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 requirement

Base Positioner Configuration

<table>
<thead>
<tr>
<th>Table dimension</th>
<th>28-inches (711-mm) x 28-inches (711-mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load height</td>
<td>32-inches (812-mm)</td>
</tr>
<tr>
<td>Weight capacity</td>
<td>750-lbs (340-kg)</td>
</tr>
</tbody>
</table>

Base Component Configuration

- FANUC ArcMate 100iC or Panasonic TA-1400 G3
- Lincoln i400 or Miller Auto Axcess 300
- Tregaskiss, Binzel or TBi air-cooled through arm torch
- Genesis torch alignment package
- Safety package (includes manual sliding doors, gate interlock and barriers)
- Genesis Allen-Bradley controls package with L1 processor

With its slim design the CRZ FTS is a compact system ideal for small parts. The CRZ FTS 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.
Standard Dimensional Specifications
Table dimension \( \text{TD} \)
Two stations 28-inches (711-mm) x 28-inches (711-mm)
Table height \( \text{TH} \)
32-inches (812-mm)
Cell width \( \text{CW} \)
63-inches (1600-mm)
Cell depth \( \text{CD} \)
106-inches (2692-mm)
Cell height \( \text{CH} \)
91-inches (2311-mm)

Standard Capacity Specifications
Weight capacity (table configuration)
750-lbs (340-kg)
Weight capacity (trunnion configuration)
600-lbs (272-kg) for two station trunnion
Engineering specifications for 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
Two station trunnion
(28-inch tool length, 24-inch tool swing diameter)
Roll down safety barrier
Exposed power track cable carrier system
Smoke hood and extraction system
Off-line programming
LaunchIT or standard 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, TBl, Fronius
Torch cleaners: Tregaskiss, Binzel, TBl
Controls: PanelView 1000+ Compact