A pre-configured, flexible machine tending solution designed to work with your CNC milling and turning equipment that is geared for your high-mix, low-volume machining production.

$77,900 *

HIGH-MIX / LOW-VOLUME MACHINE TENDING

The FC01 is an extremely flexible collaborative robotic system that can tend to the simple and repetitive tasks of loading and unloading parts from your CNC equipment. By automating the tending, you free your highly-trained machinists to apply their skills to more advanced tasks such as setting-up for the next job in another machine, CNC programming, and parts inspection.

More Spindle Hours at Lower Costs

Utilizing the FC01 for efficient, reliable, uninterrupted machine tending throughout the day and into the off-shifts (lights-out) enhances the ROI on your CNC equipment.

Quick Payback Period

The FC01 is your most reliable and tireless machine tender. The breakeven for this investment can be realized in as little as 6 months depending on the number of shifts you run annually.

A Collaborative System

The cobot allows you to automate safely without tying up money and valuable floorspace that is required by conventional robotic machine tending solutions.

Reduce Machinist Fatigue

Less machinist fatigue and safer because the FC01 is taking care of the repetitive motion of opening & closing machine doors and loading & unloading parts.

LEAN CNC PRODUCTION

Easily move raw parts in and out with the supplied carts

INCLUDES DELIVERY, INSTALLATION, AND TRAINING

Everything is included in the price: we will deliver with our truck within 100 miles of Fusion, handle the required installation, and the on-site training

QUICK DELIVERY

Our promise is to personally deliver our standard configurations within 10 business days of order

CUSTOM END-EFFECTORS

Easily swap out gripper fingers and entire end-effectors as your jobs change

UNIVERSAL PARTS NESTING

The FC01 includes a nesting system that is easily reconfigurable to handle a wide variety of parts

CONTINUOUS OPERATION

Designed for “lights-out” operation

* Special promotional price is valid through July 2019
The details below define the standard FC01 unit. Additional options, customized features, and safety devices can be added if your application requires.

### Features
- Universal Robotics UR5e cobot
- Easy Robotics’ Pro Feeder cart docking station for great repeatability
- Two (2) Fusion Nesting Carts with angled grid plates and locating pins for easy offline parts set-up and parts queuing
- Robotiq 2-finger Parallel Servo Gripper
- Three (3) sets of Interchangeable fingers

### Machine Details
- Cobot Maximum Reach: 33.50”
- Cobot Payload Capacity: 9 lbs.
- Gripper Maximum Stroke: 1.97”
- Overall Footprint: 34” wide x 44” long
- Power Requirement: 115 VAC, 15 Amps
- Air Supply Requirement for Cart Lock: 80 PSI

### Options
- Robotiq Force Copilot
- Dual Robotiq Servo Grippers
- Programmable Air Nozzle
- Custom Nesting
- Custom Gripper Finger Sets
A pre-configured, flexible machine tending solution designed to work with your CNC milling and turning equipment that is geared for your high-mix, low-volume machining production.

**COLLABORATIVE ROBOT**
**CNC MACHINE TENDING**

The FC02 is an extremely flexible collaborative robotic system that can tend to the simple and repetitive tasks of loading and unloading parts from your CNC equipment. By automating the tending, you free your highly-trained machinists to apply their skills to more advanced tasks such as setting-up for the next job in another machine, CNC programming, and parts inspection.

**More Spindle Hours at Lower Costs**
Utilizing the FC02 for efficient, reliable, uninterrupted machine tending throughout the day and into the off-shifts (lights-out) enhances the ROI on your CNC equipment.

**Quick Payback Period**
The FC02 is your most reliable and tireless machine tender. The breakeven for this investment can be realized in as little as 6 months depending on the number of shifts you run annually.

**A Collaborative System**
The cobot allows you to automate safely without tying up money and valuable floorspace that is required by conventional robotic machine tending solutions.

**Reduce Machinist Fatigue**
Less machinist fatigue and safer because the FC02 is taking care of the repetitive motion of opening & closing machine doors and loading & unloading parts.

$89,900*  

Includes delivery, installation, and training  
Everything is included in the price: we will deliver with our truck within 100 miles of Fusion, handle the required installation, and the on-site training

**LEAN CNC PRODUCTION**
Easily move raw parts in and out with the supplied carts

**QUICK DELIVERY**
Our promise is to personally deliver our standard configurations within 10 business days of order

**CUSTOM END-EFFECTORS**
Easily swap out gripper fingers and entire end-effectors as your jobs change

**UNIVERSAL PARTS NESTING**
The FC02 includes a nesting system that is easily reconfigurable to handle a wide variety of parts

**CONTINUOUS OPERATION**
Designed for “lights-out” operation

*Special promotional price is valid through July 2019
EQUIPMENT SPECIFICATIONS

The details below define the standard FC02 unit. Additional options, customized features, and safety devices can be added if your application requires.

<table>
<thead>
<tr>
<th>Features</th>
<th>Machine Details</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Robotics UR10e cobot</td>
<td>Cobot Maximum Reach: 51.20”</td>
<td>Robotiq Force Copilot</td>
</tr>
<tr>
<td>Easy Robotics’ Pro Feeder cart docking station for great repeatability</td>
<td>Cobot Payload Capacity: 20 lbs.</td>
<td>Dual Robotiq Servo Grippers</td>
</tr>
<tr>
<td>Two (2) Fusion Nesting Carts with angled grid plates and locating pins for easy offline parts set-up and parts queuing</td>
<td>Gripper Maximum Stroke: 1.97”</td>
<td>Programmable Air Nozzle</td>
</tr>
<tr>
<td>Robotiq 2-finger Parallel Servo Gripper</td>
<td>Overall Footprint: 34” wide x 44” long</td>
<td>Custom Nesting</td>
</tr>
<tr>
<td>Three (3) sets of Interchangeable fingers</td>
<td>Power Requirement: 115 VAC, 15 Amps</td>
<td>Custom Gripper Finger Sets</td>
</tr>
<tr>
<td></td>
<td>Air Supply Requirement for Cart Lock: 80 PSI</td>
<td></td>
</tr>
</tbody>
</table>
COLLABORATIVE ROBOT
CNC MACHINE TENDING
A pre-configured, flexible machine tending solution designed to work with your CNC milling and turning equipment that is geared for your high-mix, low-volume machining production.

$68,900*

HIGH-MIX / LOW-VOLUME MACHINE TENDING
The FC03 is an extremely flexible collaborative robotic system that can tend to the simple and repetitive tasks of loading and unloading parts from your CNC equipment. By automating the tending, you free your highly-trained machinists to apply their skills to more advanced tasks such as setting-up for the next job in another machine, CNC programming, and parts inspection.

More Spindle Hours at Lower Costs
Utilizing the FC03 for efficient, reliable, uninterrupted machine tending throughout the day and into the off-shifts (lights-out) enhances the ROI on your CNC equipment.

Quick Payback Period
The FC03 is your most reliable and tireless machine tender. The breakeven for this investment can be realized in as little as 6 months depending on the number of shifts you run annually.

A Collaborative System
The cobot allows you to automate safely without tying up money and valuable floorspace that is required by conventional robotic machine tending solutions.

Reduce Machinist Fatigue
Less machinist fatigue and safer because the FC03 is taking care of the repetitive motion of opening & closing machine doors and loading & unloading parts.

INCLUDES DELIVERY, INSTALLATION, AND TRAINING
Everything is included in the price: we will deliver with our truck within 100 miles of Fusion, handle the required installation, and the on-site training.

QUICK DELIVERY
Our promise is to personally deliver our standard configurations within 10 business days of order.

CUSTOM END-EFFECTORS
Easily swap out gripper fingers and entire end-effectors as your jobs change.

UNIVERSAL PARTS NESTING
The FC03 includes a nesting system that is easily reconfigurable to handle a wide variety of parts.

CONTINUOUS OPERATION
Designed for “lights-out” operation.

www.fusionOEM.com

* Special promotional price is valid through July 2019.
# EQUIPMENT SPECIFICATIONS

The details below define the standard FC03 unit. Additional options, customized features, and safety devices can be added if your application requires.

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<tr>
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<td>Robotiq Force Copilot</td>
</tr>
<tr>
<td>Easy Robotics’ Pro Feeder Light</td>
<td>Cobot Payload Capacity: 9 lbs.</td>
<td>Dual Robotiq Servo Grippers</td>
</tr>
<tr>
<td>Robotiq 2-finger Parallel Servo Gripper</td>
<td>Gripper Maximum Stroke: 1.97”</td>
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COLLABORATIVE ROBOT
CNC MACHINE TENDING
A pre-configured, flexible machine tending solution designed to work with your CNC milling and turning equipment that is geared for your high-mix, low-volume machining production.

$80,900*

HIGH-MIX / LOW-VOLUME MACHINE TENDING
The FC04 is an extremely flexible collaborative robotic system that can tend to the simple and repetitive tasks of loading and unloading parts from your CNC equipment. By automating the tending, you free your highly-trained machinists to apply their skills to more advanced tasks such as setting-up for the next job in another machine, CNC programming, and parts inspection.

More Spindle Hours at Lower Costs
Utilizing the FC04 for efficient, reliable, uninterrupted machine tending throughout the day and into the off-shifts (lights-out) enhances the ROI on your CNC equipment.

Quick Payback Period
The FC04 is your most reliable and tireless machine tender. The breakeven for this investment can be realized in as little as 6 months depending on the number of shifts you run annually.

A Collaborative System
The cobot allows you to automate safely without tying up money and valuable floorspace that is required by conventional robotic machine tending solutions.

Reduce Machinist Fatigue
Less machinist fatigue and safer because the FC04 is taking care of the repetitive motion of opening & closing machine doors and loading & unloading parts.

INCLUDES DELIVERY, INSTALLATION, AND TRAINING
Everything is included in the price: we will deliver with our truck within 100 miles of Fusion, handle the required installation, and the on-site training.

QUICK DELIVERY
Our promise is to personally deliver our standard configurations within 10 business days of order.

CUSTOM END-EFFECTORS
Easily swap out gripper fingers and entire end-effectors as your jobs change.

UNIVERSAL PARTS NESTING
The FC04 includes a nesting system that is easily reconfigurable to handle a wide variety of parts.

CONTINUOUS OPERATION
Designed for “lights-out” operation.

* Special promotional price is valid through July 2019
EQUIPMENT SPECIFICATIONS

The details below define the standard FC04 unit. Additional options, customized features, and safety devices can be added if your application requires.

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<tr>
<td></td>
<td></td>
<td>Threaded-stem Leveling Casters</td>
</tr>
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</table>