



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.

\$77,900*

www.fusionOEM.com

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



EQUIPMENT SPECIFICATIONS

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



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.

\$89,900*

www.fusionOEM.com

HIGH-MIX / LOW-VOLUME 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.



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



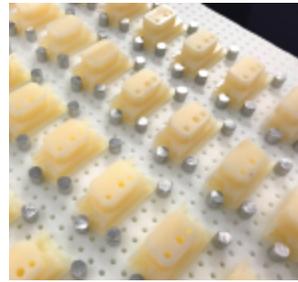
UNIVERSAL PARTS NESTING

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



CONTINUOUS OPERATION

Designed for "lights-out" operation



EQUIPMENT SPECIFICATIONS

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

Features

Universal Robotics UR10e 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: 51.20"

Cobot Payload Capacity: 20 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



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*

www.fusionOEM.com

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



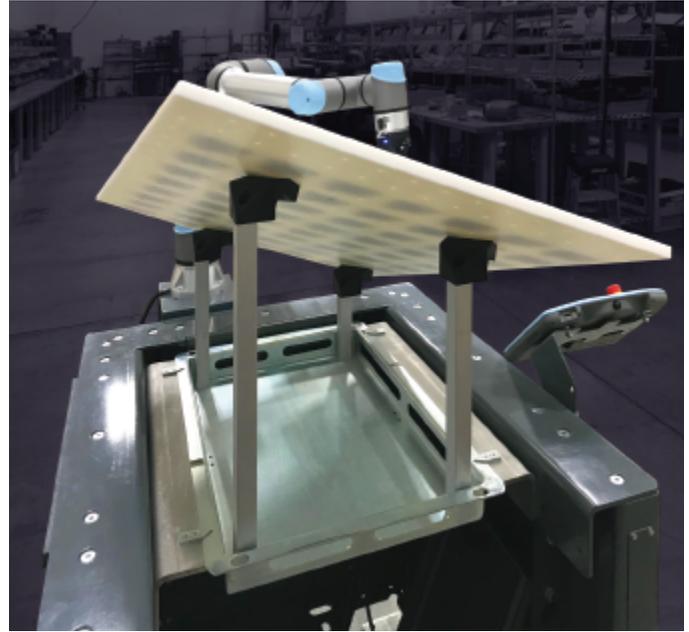
UNIVERSAL PARTS NESTING

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



CONTINUOUS OPERATION

Designed for "lights-out" operation



EQUIPMENT SPECIFICATIONS

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

Features

- Universal Robotics UR5e cobot
- Easy Robotics' Pro Feeder Light
- 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

Options

- Robotiq Force Copilot
- Dual Robotiq Servo Grippers
- Programmable Air Nozzle
- Custom Nesting
- Custom Gripper Finger Sets



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*

www.fusionOEM.com

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



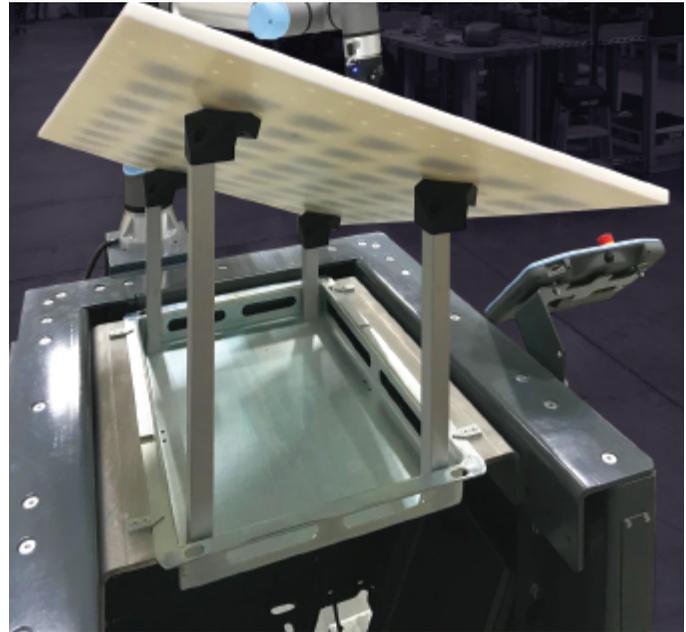
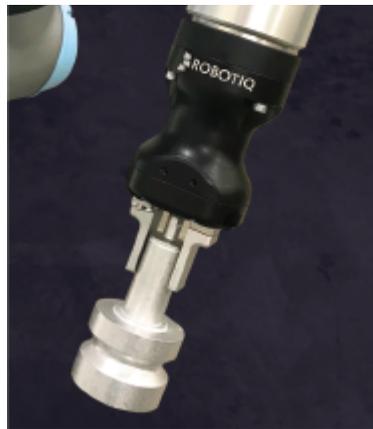
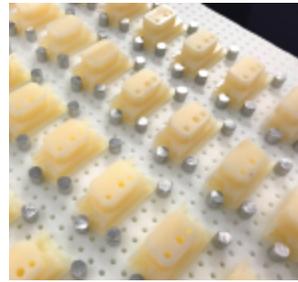
UNIVERSAL PARTS NESTING

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



CONTINUOUS OPERATION

Designed for "lights-out" operation



EQUIPMENT SPECIFICATIONS

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

Features

- Universal Robotics UR10e cobot
- Easy Robotics' Pro Feeder Light
- Robotiq 2-finger Parallel Servo Gripper
- Three (3) sets of Interchangeable fingers

Machine Details

- Cobot Maximum Reach: 51.20"
- Cobot Payload Capacity: 20 lbs.
- Gripper Maximum Stroke: 1.97"
- Overall Footprint: 34" wide x 44" long
- Power Requirement: 115 VAC, 15 Amps

Options

- Robotiq Force Copilot
- Dual Robotiq Servo Grippers
- Programmable Air Nozzle
- Custom Nesting
- Custom Gripper Finger Sets
- Threaded-stem Leveling Casters

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FUSION
COBOTICS • ASSEMBLY • MACHINING

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