

# Fanuc Arc Mate 120 Mechanical Manual

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Fanuc ARC Mate 100 iC/7L Robot. Arc welding robot. Ultra economical and benefiting from an optimised working envelope, the Fanuc ARC Mate 100 iC/7L robot makes light work of a wide variety of high-speed robotic welding and robotic cutting tasks. In addition, for maximum protection the welding harness is routed through the hollow wrist and J3 arm. The hollow wrist and J3 arm provides for the ...

ARC Mate 120iD - FANUC - FANUC Deutschland GmbH

ARC Mate iB&120iB/10L - Robotics Research

FANUC Robot ARC Mate 120iD - New Products - Products ...

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Welding a Go-Kart Frame with FANUC's ARC Mate 120iC Arc  
Welding Robot ~~Fanuc Arc Mate 120iBE Robotic Welding System on  
Sliding Track~~ FANUC ARC MATE 120iC ROBOT WITH R30iA

CONTROLLER AT EUROBOTS Fanuc ArcMate 120iB/10L

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Fanuc ArcMate 120iL Robot ~~Fanuc Arcmate 120ic welding~~  
~~aluminum Two Fanuc ArcMate 120iC/12L-R30iB Welding~~ **FANUC**  
**ArcMate 120iC Series** ~~Fanuc ARC Mate 120iC~~ FANUC ArcMate  
120iL Welding Robot Arm

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Two Fanuc ArcMate 120 iC Robots Welding ~~FANUC M-10i A and Arc~~  
~~Mate 100iC Robots Demonstrate Coordinated Motion on a~~  
~~Basketball Robotic Welder Making its own Welding Table Car~~  
~~Factory - Kia Sportage factory production line Motoman TIG~~  
~~welding robot with MotoSense vision system Fanuc Welding~~  
~~Robot Programming Circles Self programming robot welding~~ How  
6-Axis Industrial Robots Work **FANUC High Speed Bin Picking**  
**with 3D Area Sensor FANUC Teach Pendant programming demo -**  
**Rectangle with rounded corners** ~~New FANUC M-2000iA/1700L~~  
~~Robot Lifts Corvette Demonstrating Long Reach \u0026amp; Heavy~~  
~~Payload How To Program A Welding Robot~~ ~~Lincoln Electric~~  
~~System 35~~ ~~FANUC ARC Mate 120iB/10L~~ ~~R 30iA~~ ~~FANUC ARC Mate~~  
~~120ic Welding Cell~~ ~~Fanuc Arcmate 120ib on 26' Rail~~ ~~Fanuc~~  
~~ArcMate 120iB 10L Welding Robot~~ Used Tec Weld Automation /

FanucRobot Fanuc ARC Mate 120iB 10L Welding Cell for Sale  
Fanuc Arcmate 120i Robot welding FANUC ArcMate 120 RJ3 Robot  
Arm Robot spawalniczy - Welding robot - Schweißroboter -  
**FANUC ARC MATE 120iB10L** Fanuc Arc Mate 120 Mechanical  
The ARC Mate 120iC series is a six-axis, modular  
construction, electric servo-driven family of robots  
designed for precise, high-speed welding and cutting. Based  
on its simple and reliable construction, the ARC Mate 120iC  
and ARC Mate 120iC/10L provide accurate and consistent path  
performance.

ARC Mate 120 iC & 120iC/10L - FANUC America  
ARC Mate 120iD/12L Speed, accuracy and maximum access  
Designed specifically for welding applications, this model  
features outstanding axis speeds and ultimate precision  
within its class. The highly versatile robot can weld large  
parts thanks to its very long horizontal stroke.

FANUC welding robot ARC Mate 120iD/12L - Speed, accuracy ...

An ideal all-round welding robot, the ARC Mate 120 i D's slim articulated design means it excels at welding in narrow jigs. It features a new drive train for significantly higher axis speeds and, thanks to its high rigidity, boasts a repeatability of  $\pm 0.02$  mm. For maximum operating flexibility, it has a large working envelope and can reach in very close to its own base. By combining FANUC ...

ARC Mate 120iD - FANUC | The Factory Automation Company  
FANUC has added and launched ARC Mate 120 i D, an arc welding robot with integrated cables, as an extension to the highly regarded ARC Mate 100 i D series. The new model has a larger payload and motion range. This is an arc welding robot with a payload of 25 kg and a reach of 1.8 m.

FANUC Robot ARC Mate 120iD - New Products - Products ...  
The Arc mate 120ic is available in the FANUC R-30ia and FANUC R30ib controllers. The mechanical unit part number for this robot arm is A05B-1222-B201. While similar to its

predecessor the Arc Mate 120ib, this Arc Mate has a hollow wrist allowing for an internal cables, creating greater flexibility, durability and motion range than older robots.

FANUC Arc Mate 120iC - Robots Done Right

Technical Data An ideal all-round welding robot, the ARC Mate 120iD's slim articulated design means it excels at welding in narrow jigs. It features a new drive train for significantly higher axis speeds and, thanks to its high rigidity, boasts a repeatability of  $\pm 0.02$  mm.

ARC Mate 120iD - FANUC - FANUC Deutschland GmbH

Basic Description The ARC Mate 120iB series is a six-axis, modular construction, electric servo-driven family of robots designed for precise, high-speed welding and cutting. Based on their simple and reliable construction, the ARC Mate 120iB and ARC Mate 120iB/10L provide accurate and consistent path performance necessary for welding and cutting.

ARC Mate 120iB/10L - Robotics Research

The FANUC ARC Mate 120iB uses the FANUC RJ3iB controller and has a user-friendly teach pendant, making training easier. The system has the ability to be equipped with an air-cooled welding torch, ArcLink interface, safety holder and wire feeder. RobotWorx also offers a wide variety of used robots, including the reconditioned ARC Mate 120iB.

FANUC ARC Mate 120iB - RobotWorx - Industrial Robot ...

FANUC America offers its experienced team to help solve the most complex automation challenges for any size business.

Contact Us . ARC Mate FIND YOUR IDEAL ROBOT FOR EVERY

FACTORY AUTOMATION NEED. 6 Robots found. ARC Mate 100iD.

Payload:12 Kg. Axes:6; Reach:1441 mm. ARC Mate 100iD.

Payload 12 Kg. Reach 1441 mm. Axes 6 Controlled Axes: 6:

Product Information; MaxLoad Capacity At Wrist [kg] 12 ...

FANUC America Industrial Robots ARC Mate

Available in both standard and long-arm versions, FANUC

Robotics' ARC Mate 120i robot sets the standard in robotic arc welding. Easy-to-use TorchMate II software allows users to redefine the tool center point (TCP) of a welding torch that has become damaged or worn. Process I/O DI/DO: 40 points and analog in/output (welding interface).

#### ArcTool - FANUC Robotics

The FANUC ARC Mate 120iC is a high-speed arc welding and cutting, six-axis industrial robot. Longer reach and payload than its predecessors increase the work envelope and payload capacity make the FANUC Arc Mate 120iC an ideal welding robot for any automated manufacturing floor.

#### FANUC ARC Mate 120iC - RobotWorx - Industrial Robot ...

The FANUC Arc Mate 120iC/10L is a longer reach industrial robot designed for welding automation, robotic laser cutting, and robotic plasma welding. The FANUC 120iC10L is used in many arc welding scenarios due to extended reach of 2009MM.

FANUC Arc Mate 120iC/10L - Robots Done Right

FANUC Robot ARC Mate 100iC / 120iC is the cables integrated arc welding robot. ARC Mate 100? iC Standard type, short arm type (12S), long arm type (7L) and ARC Mate 120iC Standard type, long arm type (12L) are available for various application adaptations.

FANUC Robot ARC Mate 100iC/120iC

Designed for precise, high-speed robotic welding and robotic cutting on heavier workpieces, the 6 axis Fanuc ARC Mate 120iC robot has the strength to increase your efficiency on any number of welding, soldering and cutting tasks. In addition, for maximum protection the welding harness is routed through the hollow wrist and J3 arm.

Fanuc ARC Mate 120iC Robot - Agile Robotic S

Fanuc's (Fuji Automatic Numerical Control) Arcmate 120iB-10L is an electric servo-driven robot designed for precise, high-



speed welding and cutting. This compact and versatile robot features a 1667mm reach and 10kg load capacity, with mounting options ranging from floor to ceiling, angle or wall. Find additional Fanuc robot models for sale on our

iGAM - Arcmate 120iB-10L Fanuc Robot w/ RJ3iB Controller  
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Fanuc Arc Mate 120 Mechanical Manual FANUC ARC Mate 120 RJ-2 Controller The FANUC ARC Mate 120 robot is engineered for maximum reliability in a variety of welding fanuc manual fanuc series oi-model c - slideshare Oct 30, 2011 Transcript of "Fanuc manual fanuc series oi-model c" 638 D.4 MANUAL SETTING 2

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Fanuc ARC Mate 100 iC/7L Robot. Arc welding robot. Ultra economical and benefiting from an optimised working envelope, the Fanuc ARC Mate 100 iC/7L robot makes light work of a wide variety of high-speed robotic welding and robotic cutting tasks. In addition, for maximum protection the welding harness is routed through the hollow wrist and J3 arm. The hollow wrist and J3 arm provides for the ...

Fanuc ARC Mate 100 iC/7L Robot - [agilerobotics.com](http://agilerobotics.com)

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Fanuc ArcMate 120iC | 3D CAD Model Library | GrabCAD

The FANUC ROBOT ARC Mate Sr. is a 6-axis articulated robot specially designed for arc welding with heavier payload up to 10 kg. The ARC Mate Sr. comes equipped with a high-rigidity, easy to maintain mechanical unit which was designed with the ARC Mate, daughter machine, featuring low

cost, high performance together. It is controlled by the newly developed R-G2 controller with the digital servo ...

### ***FANUC ARC Mate 120iB - RobotWorx - Industrial Robot ...***

***Available in both standard and long-arm versions, FANUC Robotics' ARC Mate 120i robot sets the standard in robotic arc welding. Easy-to-use TorchMate II software allows users to redefine the tool center point (TCP) of a welding torch that has become damaged or worn. Process I/O DI/DO: 40 points and analog in/output (welding interface).***

***Technical Data An ideal all-round welding robot, the ARC Mate 120iD's slim articulated design means it excels at welding in narrow jigs. It features a new drive train for significantly higher axis speeds and, thanks to its high rigidity, boasts a repeatability of  $\pm 0.02$  mm.***

***FANUC Robot ARC Mate 100iC / 120iC is the cables integrated arc welding robot. ARC Mate 100● iC Standard type, short arm type (12S), long arm type (7L) and ARC Mate 120iC Standard type, long arm type (12L) are available for various application adaptations.***

FANUC has added and launched ARC Mate 120 i D, an arc welding robot with integrated cables, as an extension to the highly regarded ARC Mate 100 i D series. The new model has a larger payload and motion range. This is an arc welding robot with a payload of 25 kg and a reach of 1.8 m.

Basic Description The ARC Mate 120iB series is a six- axis, modular construction, electric servo-driven family of robots designed for precise, high-speed welding and cutting. Based on their simple and reliable construction, the ARC Mate 120iB and ARC Mate 120iB/10L provide accurate and consistent path performance necessary for welding and cutting.

ARC Mate 120iD - FANUC | The Factory Automation Company

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Welding a Go-Kart Frame with FANUC's ARC Mate 120iC Arc Welding Robot ~~Fanuc Arc Mate 120iB~~ ~~Robotic Welding System on Sliding Track~~ FANUC ARC MATE 120iC ROBOT WITH R30iA CONTROLLER AT EUROBOTS ~~Fanuc ArcMate 120iB/10L~~

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Fanuc ArcMate 120iL Robot ~~Fanuc Arcmate 120ic~~ welding aluminum Two Fanuc ArcMate 120iC/12L-R30iB Welding ~~FANUC ArcMate 120iC Series~~ ~~Fanuc ARC Mate 120iG~~ FANUC ArcMate 120iL Welding Robot Arm

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Two Fanuc ArcMate 120 iC Robots Welding FANUC M-10i A and Arc Mate 100iC Robots Demonstrate Coordinated Motion on a Basketball Robotic Welder Making its own Welding Table Car Factory - Kia Sportage factory production line Motoman TIG welding robot with MotoSense vision system Fanuc Welding Robot Programming Circles ~~Self-programming robot welding~~ How 6-Axis Industrial Robots Work FANUC High Speed Bin Picking with 3D Area

Sensor FANUC Teach Pendant programming demo - Rectangle with rounded corners New FANUC M-2000iA/1700L Robot Lifts Corvette Demonstrating Long Reach \u0026amp; Heavy Payload How To Program A Welding Robot Lincoln Electric System 35 - FANUC ARC Mate 120iB/10L - R-30iA FANUC ARC Mate 120iC Welding Cell Fanuc Arcmate 120ib on 26' Rail Fanuc ArcMate 120iB-10L Welding Robot Used Tec Weld Automation / FanucRobot Fanuc ARC Mate 120iB 10L Welding Cell for Sale Fanuc Arcmate 120i Robot welding FANUC ArcMate 120 RJ3 Robot Arm Robot spawalniczy - Welding robot - Schwei ß roboter - FANUC ARC MATE 120iB10L Fanuc Arc Mate 120 Mechanical

The ARC Mate 120iC series is a six-axis, modular construction, electric servo-driven family of robots designed for precise, high-speed welding and cutting. Based on its simple and reliable construction, the ARC Mate 120iC and ARC Mate 120iC/10L provide accurate and consistent path performance.

ARC Mate 120 iC & 120iC/10L - FANUC America

ARC Mate 120iD/12L Speed, accuracy and maximum access Designed specifically for welding applications, this model features outstanding axis speeds and ultimate precision within its class. The highly versatile robot can weld large parts thanks to its very long horizontal stroke.

FANUC welding robot ARC Mate 120iD/12L - Speed, accuracy ...

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FANUC Robot ARC Mate 120iD - New Products - Products ...

The Arc mate 120ic is available in the FANUC R-30ia and FANUC R30ib controllers. The mechanical unit part number for this robot arm is A05B-1222-B201. While similar to its predecessor the Arc Mate 120ib, this Arc Mate has a hollow wrist allowing for an internal cables, creating greater flexibility, durability and motion range than older robots.

FANUC Arc Mate 120iC - Robots Done Right

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ARC Mate 120iD - FANUC - FANUC Deutschland GmbH

**Basic Description** The ARC Mate 120iB series is a six-axis, modular construction, electric servo-driven family of robots designed for precise, high-speed welding and cutting. Based on their simple and reliable construction, the ARC Mate 120iB and ARC Mate 120iB/10L provide accurate and consistent path performance necessary for welding and cutting.

#### ARC Mate iB&120iB/10L - Robotics Research

The FANUC ARC Mate 120iB uses the FANUC RJ3iB controller and has a user-friendly teach pendant, making training easier. The system has the ability to be equipped with an air-cooled welding torch, ArcLink interface, safety holder and wire feeder. RobotWorx also offers a wide variety of used robots, including the reconditioned ARC Mate 120iB.

#### FANUC ARC Mate 120iB - RobotWorx - Industrial Robot ...

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### FANUC Robot ARC Mate 100iC/120iC

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### Fanuc ARC Mate 120iC Robot - Agile Robotic S

Fanuc 's (Fuji Automatic Numerical Control) Arcmate 120iB-10L is an electric servo-driven robot designed for precise, high-speed welding and cutting. This compact and versatile robot features a 1667mm reach and 10kg load capacity, with mounting options ranging from floor to ceiling, angle or wall. Find additional Fanuc robot models for sale on our

### iGAM - Arcmate 120iB-10L Fanuc Robot w/ RJ3iB Controller

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Fanuc ARC Mate 100 iC/7L Robot - agilerobotics.com

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Fanuc ArcMate 120iC | 3D CAD Model Library | GrabCAD

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RJ-2 Controller The FANUC ARC Mate 120 robot is engineered for maximum reliability in a variety of welding fanuc manual fanuc series oi-model c - slideshare Oct 30, 2011 Transcript of "Fanuc manual fanuc series oi-model c" 638 D.4 MANUAL SETTING 2

ArcTool - FANUC Robotics

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FANUC welding robot ARC Mate 120iD/12L - Speed, accuracy

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**FANUC Robot ARC Mate 100iC/120iC**  
**Fanuc ARC Mate 120iC Robot - Agile Robotic S**

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**Welding a Go-Kart Frame with FANUC's ARC Mate 120iC Arc Welding Robot**  
**~~Fanuc Arc Mate 120iBE Robotic Welding System on Sliding Track~~**  
**FANUC ARC MATE 120iC ROBOT WITH R30iA CONTROLLER AT EUROBOTS**  
**Fanuc ArcMate 120iB/10L**

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**Fanuc ArcMate 120iL Robot**  
***Fanuc Arcmate 120ic welding aluminum***  
***Two Fanuc ArcMate 120iC/12L-R30iB Welding***  
**FANUC ArcMate 120iC Series**  
**~~Fanuc ARC Mate 120iC~~**  
**FANUC ArcMate 120iL Welding Robot Arm**

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**Two Fanuc ArcMate 120 iC Robots Welding**  
***FANUC M-10i A and Arc Mate 100iC Robots Demonstrate Coordinated Motion on a Basketball Robotic Welder Making its own Welding Table***  
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