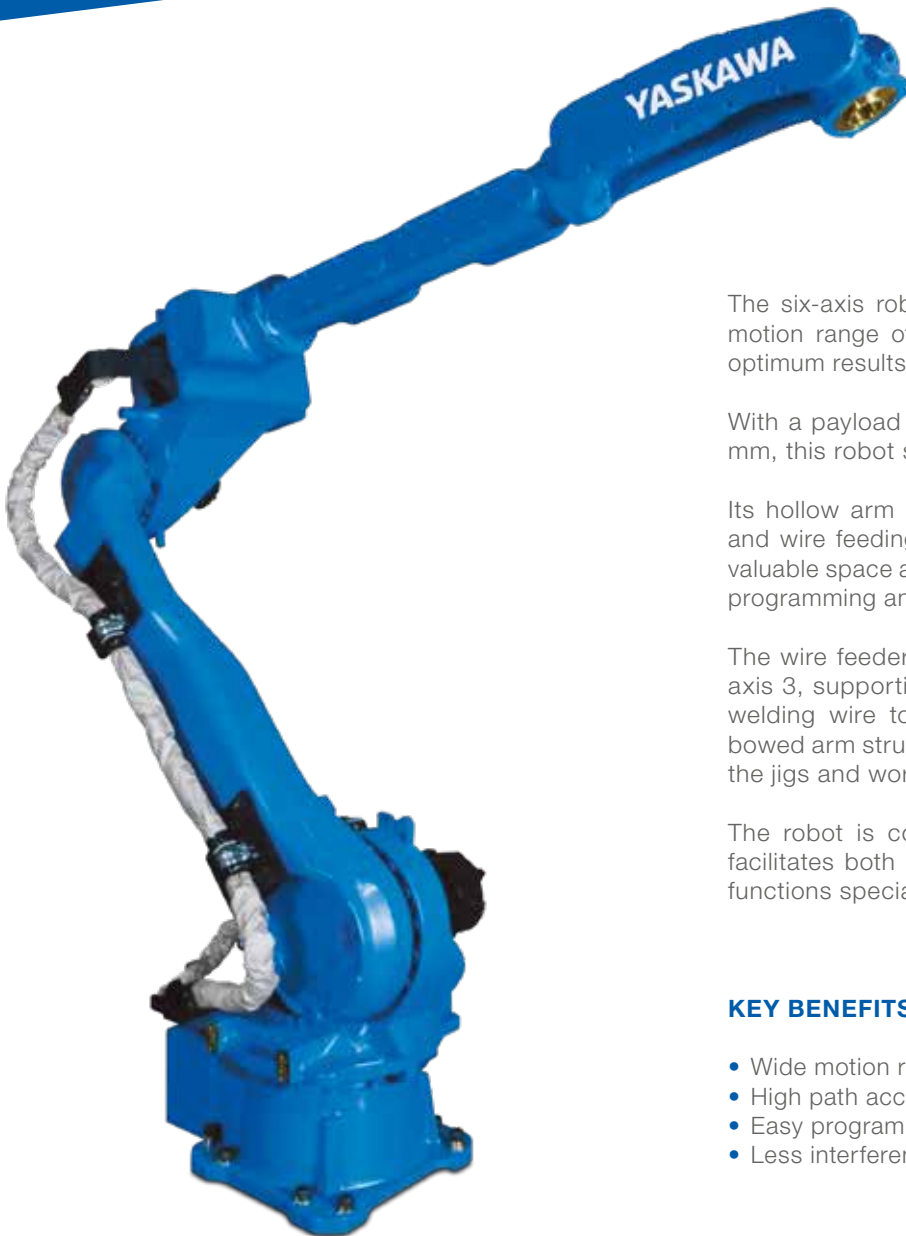


# YASKAWA

# MOTOMAN AR3120

Arc Welding with the AR-series



The six-axis robot MOTOMAN AR3120 provides the widest motion range of our AR-series and high path accuracy for optimum results of arc welding applications.

With a payload of up to 20 kg and a motion range of 3124 mm, this robot supports welding of bulky workpieces.

Its hollow arm design enables leading the welding cables and wire feeding through the arm to the wrist, which saves valuable space around it. The MOTOMAN AR3120 allows easy programming and enables high freedom of motion.

The wire feeder can be mounted in the prepared space at axis 3, supporting short distance and centric supply of the welding wire to the weld torch. The streamlined, slightly bowed arm structure reduces the interference area between the jigs and work pieces.

The robot is controlled by the YRC1000 controller which facilitates both programming and use with a wide range of functions specially designed for arc welding applications.

## KEY BENEFITS

- Wide motion range
- High path accuracy
- Easy programming
- Less interferences due to optimized design

Controlled by  
YRC1000

