



# The Cobot of The Future Doosan M Series



The ideal automation partner for human – robot collaboration



#### M0609

6 kg payload capacity, 0.9 m reach radius Optimized for quick and repetitive tasks in small spaces

Payload∶6 kg Reach∶900 mm M1509

Industry's largest payload capacity of 15 kg, 0.9 m reach radius
Suitable for handling heavy objects that pose risk to humans

Payload: 15 kg Reach: 900 mm M1013

10 kg payload capacity, 1.3 m reach radius Versatile model adequate for all work processes

Payload: 10 kg Reach: 1,300 mm M0617

kg payload capacity, industry's largest reach

radius of 1.7 m Most efficient for handling more than two work processes or carrying out tasks to require long reach

Payload: 6 kg Reach: 1,700 mm





# **Doosan M Series**



**Teach Pendant** 





# **Doosan M Series**









# **Doosan M Series**

# ► State-of-the-Art | Controller

- Top-notch control platform for perfect and reliable robot control
- Maximize performance of torque sensor through innovative and advanced motion control algorithm and robot language
- Providing the latest communications technology to ensure compatibility with other automation environment
- Icon-based Skills\* for easy and simple teaching of complicated robot motions



Robust platform with Real-time OS and 1msec. communication speed of EtherCAT, ensuring perfect performance even in tough environments



Easy and simple robot teaching by various types of

# ► Human-Centered | Teach Pendant

- Capacitive touch and high resolution 1280x800 screen for friendly user experience
- · Light-weight and ergonomic design enabling inherently-comfortable grip
- Ultra-intuitive usability by simple graphic-informative communication



Intuitive Card View to monitor all information on robot operation environment at a glance



Simple and easy robot teaching with icon drag-and-drops

# ► Value-Adding | Enhancers

#### Direct Control Unit-Cockpit

- Convenient solution for direct teaching without teach pendant
   5 buttons for selecting various teaching
- 5 buttons for selecting various teaching modes and coordinate input

#### Mobile Base

- Mounted with robot and controller for easy movement and relocation
- Spacious and convenient storage available for tools and peripherals



## **Dress Pack**

- Allows efficient operation by organizing various cables attached to end effectors
- Built-in bracket inside tube holder makes it easier to reinstall



# Enhancers are optional items, not included in the basic robot system.

### Stain-Resistant Model

- Enhanced anti-stain finish enabling easy maintenance against dirt and stain



Water Jacket option is available for prevention of moisture and stain

#### Robot Jacket

Protects robot from contamination by liquids used during cutter support work, etc. PU coating forms a 2-stage water barrier which ensures

Doosan robot to maintain optimum operation conditions.



<sup>\*</sup> Ethernet, Fieldbus, Serial, Wifi, etc.