

INDUSTRIAL ROBOTS



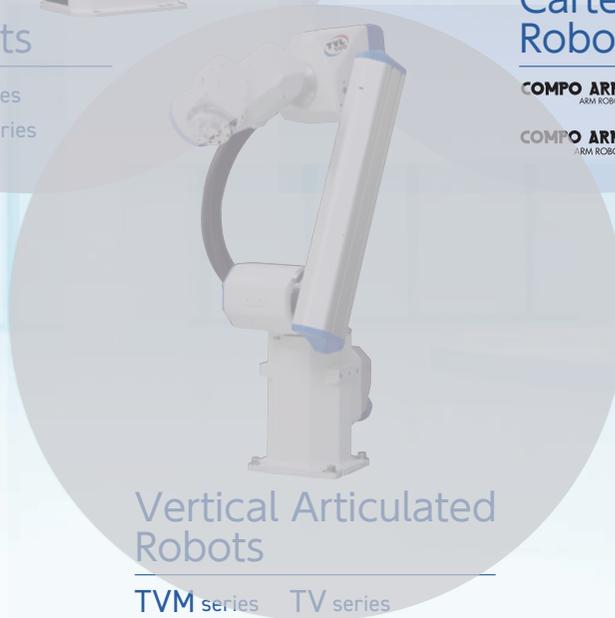
SCARA Robots

THE series TH series
THP series THL series



Cartesian Coordinate
Robots

COMPO ARM ARM ROBOT **BA-III** SERIES
COMPO ARM ARM ROBOT **BA-C** SERIES



Vertical Articulated
Robots

TVM series TV series
TVL series

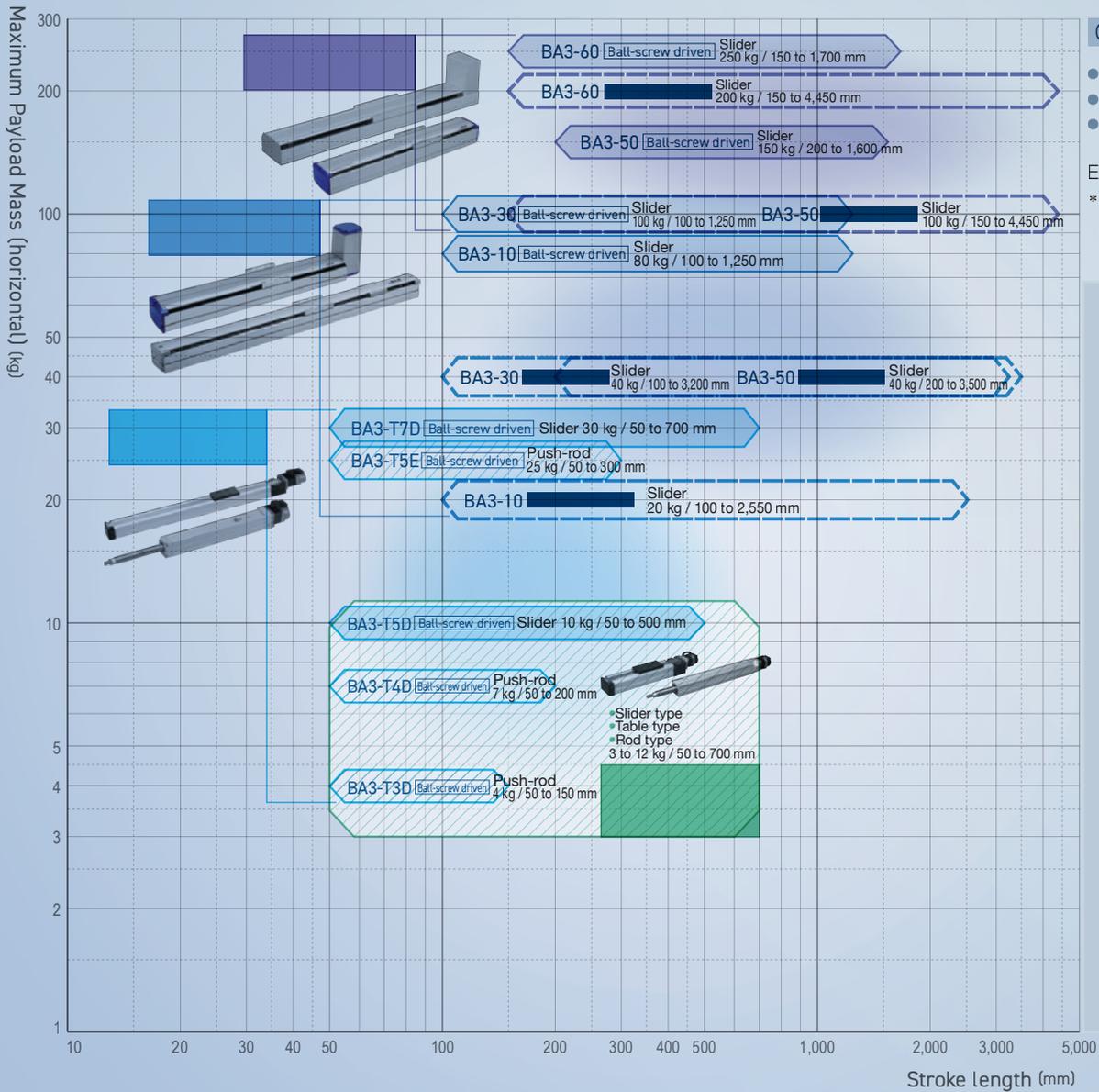
The close integration and synergy of mechanical engineering and electronic control technologies gave birth to our industrial robots. All the experience in design and production technologies acquired over its long history as a machine builder is reflected in its high-class machines and the controllers that drive them.

A line-up of three categories of robots each ranging from compact to large has been established.

They help to provide the optimized industrial automation solutions, resulting in increased productivity, and labor and cost reduction.

Cartesian Coordinate Robots

Reliable and agile Cartesian robots with flexible and varied configurations to meet factory floor needs



Optional robot specifications

- Cleanroom design
 - Dust proof
 - Motor-running, long stroke type
- Etc.

*For details such as availability of an option specification for each robot model, please review brochures and specification sheets. Or contact us.

Typical Examples of Cartesian Axes Specifications



Number of axes	2 axes	2 axes
Coordinate type	X-Y combination	X-Z combination



Number of axes	3 axes	4 axes
Coordinate type	X-Y-Z combination	X-Y-Z-R combination



Number of axes	2 axes	2 axes
Coordinate type	Z-Y combination	Y-Z combination

Controller

Model	CA25-M10	CA25-M40 CA25-M80	CA25-S10	CA25-S40 CA25-S80
Type	Master unit	Master unit	Slave unit	Slave unit

Main controller options

- Additional I/O signals
- Field network connectivity
 - CC-Link
 - Ethernet/IP
 - DeviceNet