The Complete Solution

Robotics Services to your Benefit
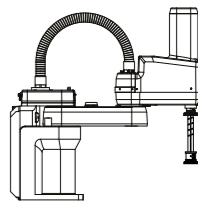
OMRON

Content
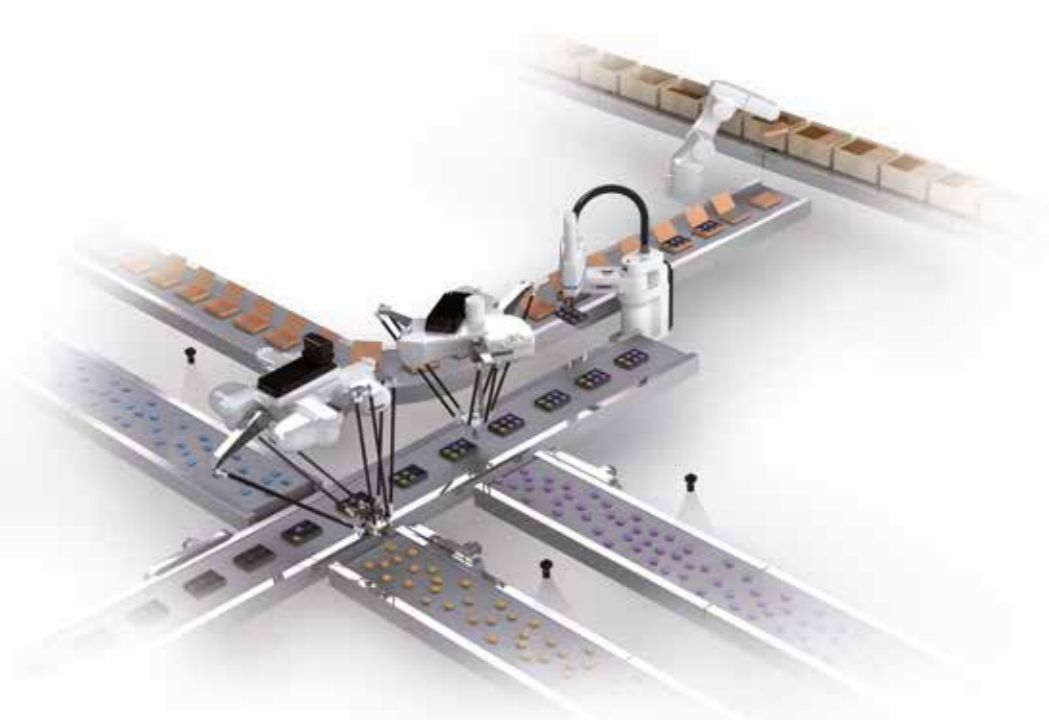
eCobra Series

eCobra 600 SCARA 4-Axis

eCobra is the newest family of 4-axis SCARA robots. The eCobra SCARA robot (4-axis robot) features up to a 800-mm reach, and is available in three performance tiers – eCobra Lite, eCobra Standard, and eCobra Pro – each designed to address different application complexity and throughput requirements. With all controls fully embedded into the robot, eCobra robots offer a compact system footprint, saving valuable floor space while minimizing installation costs and complexity. Omron eCobra robots provide maximum value by ensuring users only pay for the level of performance their application needs. All eCobra robots share a common hardware platform, with performance and price determined by a software license. This unique family ensures that users receive the highest quality, most durable robots at every performance level.

FEATURES
- All amplifiers and controls are fully embedded into the robot
- Three performance levels (Lite, Standard, and Pro) based on a common hardware platform
- Advanced features such as direct PLC programming are included in Standard and Pro performance tiers
- ACE™ software manages robots, conveyors, feeders, and device I/O assignment through a single user-friendly, PC-based interface
- High-efficiency, low-inertia

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

| Omron Item	Omron Part Number
Backup Battery	09977-000
Brake Assy, Jt.3	04209-000
Amplifier HV1A	11001-000L
Fan, AIB	02729-000F
Lamp, Front panel	27400-29006
Cable XSystem, with Jumpers	13323-000
PCI Front Panel Assy with Cable	90356-10358
PCA Diagnostic Board	02309-000

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Backup Battery	09977-000
Brake Assy, Jt.3	04209-000
Amplifier HV1A	11001-000L
Fan, AIB	02729-000F
Lamp, Front panel	27400-29006
System Cobra (eAIB)	19800-600
Cable XSystem, with Jumpers	13323-000
PCI Front Panel Assy with Cable	90356-10358
PCA Diagnostic Board	02309-000
Memory Card Micro SD (eAIB)	Request eV+ Version

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Above spare part bundles are based on the standard/pro model of the robot. In case of different robot types such as cleanroom and IP65 the content of bundle might differ.
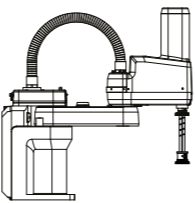
eCobra Series

eCobra Series

eCobra 800 SCARA 4-Axis

eCobra is the newest family of 4-axis SCARA robots. The eCobra SCARA robot (4-axis robot) features up to a 800-mm reach, and is available in three performance tiers – eCobra Lite, eCobra Standard, and eCobra Pro – each designed to address different application complexity and throughput requirements. With all controls fully embedded into the robot, eCobra robots offer a compact system footprint, saving valuable floor space while minimizing installation costs and complexity. Omron eCobra robots provide maximum value by ensuring users only pay for the level of performance their application needs. All eCobra robots share a common hardware platform, with performance and price determined by a software license. This unique family ensures that users receive the highest quality, most durable robots at every performance level.

FEATURES

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- Three performance levels (Lite, Standard, and Pro) based on a common hardware platform
- Advanced features such as direct PLC programming are included in Standard and Pro performance tiers
- ACE™ software manages robots, conveyors, feeders, and device I/O assignment through a single user-friendly, PC-based interface
- High-efficiency, low-inertia

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

Omron Item	Omron Part Number
Backup Battery	09977-000
Brake Assy, Jt.3	04209-000
Amplifier HV1A	11001-000L
Fan, AIB	02729-000F
Lamp, Front panel	27400-29006
Cable XSystem, with Jumpers	13323-000
PCI Front Panel Assy with Cable	90356-10358
PCA Diagnostic Board	02309-000

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Backup Battery	09977-000
Brake Assy, Jt.3	04209-000
Amplifier HV1A	11001-000L
Fan, AIB	02729-000F
Lamp, Front panel	27400-29006
System Cobra (eAIB)	19800-800
Cable XSystem, with Jumpers	13323-000
PCI Front Panel Assy with Cable	90356-10358
PCA Diagnostic Board	02309-000
Memory Card Micro SD (eAIB)	Request eV+ Version

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Above spare part bundles are based on the standard/pro model of the robot. In case of different robot types such as cleanroom and IP65 the content of bundle might differ.

eCobra 800 inverted SCARA 4-Axis

eCobra is the newest family of 4-axis SCARA robots. The eCobra SCARA robot (4-axis robot) features up to a 800-mm reach, and is available in three performance tiers – eCobra Lite, eCobra Standard, and eCobra Pro – each designed to address different application complexity and throughput requirements. With all controls fully embedded into the robot, eCobra robots offer a compact system footprint, saving valuable floor space while minimizing installation costs and complexity. Omron eCobra robots provide maximum value by ensuring users only pay for the level of performance their application needs. All eCobra robots share a common hardware platform, with performance and price determined by a software license. This unique family ensures that users receive the highest quality, most durable robots at every performance level.

FEATURES

- All amplifiers and controls are fully embedded into the robot
- Three performance levels (Lite, Standard, and Pro) based on a common hardware platform
- Advanced features such as direct PLC programming are included in Standard and Pro performance tiers
- ACE™ software manages robots, conveyors, feeders, and device I/O assignment through a single user-friendly, PC-based interface
- High-efficiency, low-inertia

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

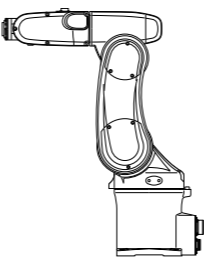| Omron Item	Omron Part Number
Backup Battery	09977-000
Brake Assy, Jt.3	04209-000
Amplifier HV1A	11001-000L
Fan, AIB	02729-000F
Lamp, Front panel	27400-29006
Cable XSystem, with Jumpers	13323-000
PCI Front Panel Assy with Cable	90356-10358
PCA Diagnostic Board	02309-000

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Backup Battery	09977-000
Brake Assy, Jt.3	04209-000
Amplifier HV1A	11001-000L
Fan, AIB	02729-000F
Lamp, Front panel	27400-29006
System Cobra (eAIB)	19800-800
Cable XSystem, with Jumpers	13323-000
PCI Front Panel Assy with Cable	90356-10358
PCA Diagnostic Board	02309-000
Memory Card Micro SD (eAIB)	Request eV+ Version

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Above spare part bundles are based on the standard/pro model of the robot. In case of different robot types such as cleanroom and IP65 the content of bundle might differ.

Viper Series

Viper 650

The Viper 650 robot is part of a high-performance line of 6-axis robots designed for applications ranging from assembly, material handling, packaging and machine tending, to medical, pharmaceutical and other operations requiring fast and precise automation. The Viper 650 robot has 650 mm reach, and is available in standard, cleanroom and IP- 65.

FEATURES
- ACE™ software for programming
- High-resolution, absolute encoders provide high precision, superior slow-speed following, and easy calibration
- High-efficiency, low-inertia Harmonic Drives™ and a lightweight arm deliver maximum acceleration
- 8 kHz servo update rate for improved path following and control
- Integrated temperature sensors monitor heat in servo motors to prevent damage
- Diagnostics display enables faster troubleshooting
- Ethernet TCP/IP capability

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

Omron Item	Omron Part Number
Cable Robot – eMB-60R 4m	05020-000
Cable xSYS (EX/eMB)	11585-000
Cable 1394, 4.5m	13632-045
Backup Battery	05234-000
Harness, eMB-60R, Power/Signal	05701-000
Amplifier HV1A	11001-000L
Amplifier HV2A	11002-000L
Fan, eMB60R	02729-000F
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Cable Robot – eMB-60R 4m	05020-000
Cable xSYS (EX/eMB)	11585-000
Cable 1394, 4.5m	13632-045
Backup Battery	05234-000
Lamp, Front panel	27400-29006
System Viper (eMB-60R)	19600-650
SmartController EX, Base model	09200-000
PCI Front Panel Assy with Cable	90356-10358
Memory Card Type SD	Request eV+ version

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Above spare part bundles are based on the standard model of the robot. In case of different robot types such as cleanroom and IP65 the content of bundle might differ.
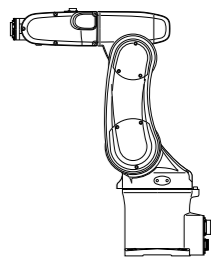
Viper Series

Viper 850

The Viper 850 robot is part of a high-performance line of 6-axis robots designed for applications ranging from assembly, material handling, packaging and machine tending, to medical, pharmaceutical and other operations requiring fast and precise automation. The Viper 850 robot has 850 mm reach, and is available in standard, IP65 and cleanroom versions.

FEATURES
- ACE™ software for programming
- High-resolution, absolute encoders provide high precision, superior slow-speed following, and easy calibration
- High-efficiency, low-inertia Harmonic Drives™ and a lightweight arm deliver maximum acceleration
- 8 kHz servo update rate for improved path following and control
- Integrated temperature sensors monitor heat in servo motors to prevent damage
- Diagnostics display enables faster troubleshooting
- Ethernet TCP/IP capability

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

Omron Item	Omron Part Number
Cable Robot – eMB-60R 4m	05020-000
Cable xSYS (EX/eMB)	11585-000
Cable 1394, 4.5m	13632-045
Backup Battery	05234-000
Harness, eMB-60R, Power/Signal	05701-000
Amplifier HV1A	11001-000L
Amplifier HV2A	11002-000L
Fan, eMB60R	02729-000F
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358

PLUG AND PLAY KIT PREFERRED

| Omron Item	Omron Part Number
Cable Robot – eMB-60R 4m	05020-000
Cable xSYS (EX/eMB)	11585-000
Cable 1394, 4.5m	13632-045
Backup Battery	05234-000
Lamp, Front panel	27400-29006
System Viper (eMB-60R)	19600-850
SmartController EX, Base model	09200-000
PCI Front Panel Assy with Cable	90356-10358
Memory Card Type SD	Request eV+ version

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Above spare part bundles are based on the standard model of the robot. In case of different robot types such as cleanroom and IP65 the content of bundle might differ.

Hornet Series
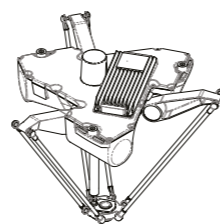
Hornet 565

The Hornet 565 is a parallel robot for high speed picking and packaging applications. Powerful controls are fully embedded into the base of the robot, saving valuable floor space and reducing installation costs and complexity. The Hornet 565 features a hygienic design that minimizes contamination risks, including a standard IP65 rated lower half and corrosion resistant materials for easy wash down. Optional IP65 rated version is available.

FEATURES

- All amplifiers and controls are fully embedded into the robot, maximizing floor space and simplifying installation
- Extended vertical reach provides a larger workspace, enabling a wide variety of packages to be used.
- Industry leading conveyor tracking capabilities for faster throughput and more repeatability
- ACE™ software minimizes system deployment and testing time and includes a powerful 3D emulator that allows complete system configuration and testing in a virtual environment
- Troubleshooting
- Ethernet TCP/IP capability

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare parts:

RECOMMENDED SPARE PARTS

Hornet eAIB Amplifier assembly*	19800-040
Ball Joint, Stainless Steel	09339-000
Ball Joint Spoon Insert Kit	86720-102
Springs/Bushings Quattro Kit	09970-000.1
Cable, XSYSTEM, with Jumpers	13323-000
Fan Assy	09093-000
Battery, Encoder Backup	09977-000
Diagnostic Display Assembly	14298-000
Drive Shaft Assembly, Joint 4	14780-000
Lamp, High Power Indicator	27400-29006
Outer Arm Assembly	09756-010
Platform Assembly, Fixed, 3-axis	14380-000
Platform Assembly, Joint 4	14230-000

* Recommended if multiple robots are installed

Quattro Series
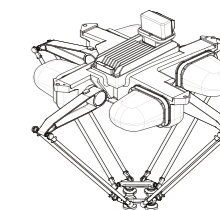
Quattro 650H

The Quattro is a parallel robot specifically designed for high-speed manufacturing, packaging, material handling, and assembly. It is the only robot in the world that features a four-arm rotational platform. The Quattro is designed for maximum speed, maximum acceleration, and exceptional performance across the entire work envelope. Compact controls and embedded amplifiers make installation easy and reduce workspace requirements.

FEATURES

- Four-arm design delivers consistent speeds for higher throughputs
- Robust components and design reduce maintenance costs with maximum uptime
- High-resolution, absolute encoders provide high precision, superior slow-speed following, and easy calibration
- High-efficiency, low-inertia drives and a lightweight arm deliver maximum acceleration
- 8 kHz servo update rate for improved path-following and control
- Integrated temperature sensors monitor heat in servo motors to prevent damage
- Diagnostic display on robot enables faster troubleshooting
- Embedded amplifiers and compact controls maximizes space efficiency

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

| Omron Item	Omron Part Number
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Amplifier HV1A	11001-000L
Assembly, Outer Arm, Quattro	09756-210
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Choose your Platform P30 , P31, P32, P34	*****-*****

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Choose your Platform P30 , P31, P32, P34	*****-*****
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Assembly, Outer Arm, Quattro	09756-210
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Memory Card Type SD(ex controller)	Request eV+ version
System, Quattro eAIB, 650H	19800-150
SmartController EX, Base model	09200-000

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Quattro Series
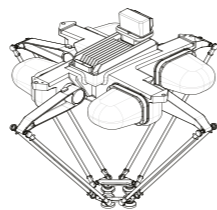
Quattro 650HS

The Quattro is a parallel robot specifically designed for high-speed manufacturing, packaging, material handling, and assembly. It is the only robot in the world that features a four-arm rotational platform & accepted by the USDA for primary food packaging of meat & poultry. The Quattro is designed for maximum speed, maximum acceleration, and exceptional performance across the entire work envelope. Compact controls and embedded amplifiers make installation easy and reduce workspace requirements.

FEATURES

- Four-arm design delivers consistent speeds for higher throughputs
- Robust components and design reduce maintenance costs with maximum uptime
- High-resolution, absolute encoders provide high precision, superior slow-speed following, and easy calibration
- High-efficiency, low-inertia drives and a lightweight arm deliver maximum acceleration
- 8 kHz servo update rate for improved path-following and control
- Integrated temperature sensors monitor heat in servo motors to prevent damage
- Diagnostic display on robot enables faster troubleshooting
- Embedded amplifiers and compact controls maximizes space efficiency
- USDA accepted for primary food packaging of meat and poultry

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

Omron Item	Omron Part Number
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Amplifier HV1A	11001-000L
Assembly, Outer Arm, Quattro s650HS, Epsilon, w/ SST Spoons	09756-210
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Choose your Platform P30 , P31, P32, P34	*****-*****

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Choose your Platform P30 , P31, P32, P34	*****-*****
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Assembly, Outer Arm, Quattro s650HS, Epsilon, w/ SST Spoons	09756-210
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Memory Card Type SD(ex controller)	Request eV+ version
System, Quattro eAIB, 650HS	19800-150
SmartController EX, Base model	09200-000

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Click to visit Quattro product web-page
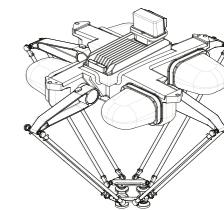
Quattro Series

Quattro 800H

The Quattro is a parallel robot specifically designed for high-speed manufacturing, packaging, material handling, and assembly. It is the only robot in the world that features a four-arm rotational platform & accepted by the USDA for primary food packaging of meat & poultry. The Quattro is designed for maximum speed, maximum acceleration, and exceptional performance across the entire work envelope. Compact controls and embedded amplifiers make installation easy and reduce workspace requirements.

FEATURES

- Four-arm design delivers consistent speeds for higher throughputs
- Robust components and design reduce maintenance costs with maximum uptime
- High-resolution, absolute encoders provide high precision, superior slow-speed following, and easy calibration
- High-efficiency, low-inertia drives and a lightweight arm deliver maximum acceleration
- 8 kHz servo update rate for improved path-following and control
- Integrated temperature sensors monitor heat in servo motors to prevent damage
- Diagnostic display on robot enables faster troubleshooting
- Embedded amplifiers and compact controls maximizes space efficiency

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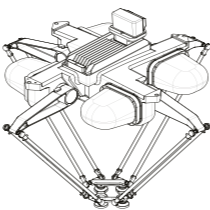
PLUG AND PLAY KIT BASIC

Omron Item	Omron Part Number
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Amplifier HV1A	11001-000L
Assembly, Outer Arm, Quattro s800H	09760-0101
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Choose your Platform P30 , P31, P32, P34	*****-*****

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Choose your Platform P30 , P31, P32, P34	*****-*****
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Assembly, Outer Arm, Quattro s800H	09760-0101
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Memory Card Type SD(ex controller)	Request eV+ version
System, Quattro eAIB, 800H	19800-150
SmartController EX, Base model	09200-000

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Click to visit Quattro product web-page

Quattro Series

Quattro 800HS

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- High-efficiency, low-inertia drives and a lightweight arm deliver maximum acceleration
- 8 kHz servo update rate for improved path-following and control
- Integrated temperature sensors monitor heat in servo motors to prevent damage
- Diagnostic display on robot enables faster troubleshooting
- Embedded amplifiers and compact controls maximizes space efficiency

Operational robot will experience natural wear-out of its mechanical parts. Omron recommends robot users to stock following spare-part packages:

PLUG AND PLAY KIT BASIC

Omron Item	Omron Part Number
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Amplifier HV1A	11001-000L
Assembly, Outer Arm, Quattro s800HS	09760-210
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Choose your Platform P30 , P31, P32, P34	*****-*****

PLUG AND PLAY KIT PREFERRED

Omron Item	Omron Part Number
Choose your Platform P30 , P31, P32, P34	*****-*****
Cable xSYS (EX/eAIB)	11585-000
Cable 1394, 4.5m	13632-045
ASSEMBLY, FAN, AIB, QUATTRO	09093-000
Backup Battery	09977-000
Assembly, Fan, Motor, Quattro	09094-000
Assembly, Outer Arm, Quattro s800HS	09760-210
Lamp, Front panel	27400-29006
PCI Front Panel Assy with Cable	90356-10358
Memory Card Type SD(ex controller)	Request eV+ version
System, Quattro eAIB, 800H	19800-150
SmartController EX, Base model	09200-000

The mentioned components above can be used by personnel without any special training but with telephone support by the Omron Robot Service if necessary or by consulting the relating User's Guide.

Click to visit Quattro product web-page

AnyFeeder Series

AnyFeeder

Designed to work with a variety of robots and in combination with Omron Vision software and controller, the AnyFeeder Solution provides an efficient and fast feeding solution. Its flexibility in feeding small parts of various size, shape and material allow for fast line changeover and significantly reduced tooling costs, to give you a crucial competitive advantage.

FEATURES

- Provide a complete solution with integrated components and software
- Feeds a multitude of products
- Eliminates multiple feeder systems on your line
- Perfect for lines requiring rapid and frequent changeovers
- No fixturing required
- Integrated vision refinement on the fly allows for vision verification of parts, increasing placement accuracy to within 17 microns
- Automatically flips and shakes parts to separate and position for fast pick up
- Dual configuration further increases productivity
- Feeds various material types including plastic, rubber, metal, glass, and others

ANYFEEDER SOLUTION

Only Omron fully integrates, supports and sells AnyFeeder as a complete solution!

- AnyFeeder Series
- Ace Software
- Robots: eCobra and Viper Series
- Vision

ANYFEEDER OPTIONS

Omron Item	Omron Part Number
SX240 Backlight	05284-20[ ]
SX340 Backlight	14269-00[ ]
SXM140 Backlight	14630-00[ ]
SXM100 Backlight	09725-20[ ]
Filter, Daylight, M27x5	09324-000
SX240 Surface	05284-10[ ]
SX340 Surface	14269-00[ ]
SXM140 Surface	09725-30[ ]
SXM100 Surface	09725-10[ ]

Surfaces and backlights available in different colors and materials depending on the application.

Click to visit AnyFeeder product web-page

Vision and Inspection Guidance

ACE Sight

ACE Sight is the next generation PC-based machine vision software from Omron. Built upon a fully-integrated application development environment, ACE, ACE Sight provides a powerful suite of vision tools for advanced machine vision applications.

FEATURES
- Fast and accurate parts location
- Advanced inspection capabilities
- Advanced calibration wizards to support multiple camera positioning
- High performance conveyor tracking option supporting up to four controllers
- Complete application toolset

SmartVision MX

The SmartVision™ MX industrial PC is a ruggedized PC optimized for vision applications, including machine vision, conveyor tracking and robot guidance, within a single box. Boasting a compact form factor, the SmartVision MX integrates with other Omron hardware and software products, or it can be used as a standalone vision-inspection station.

FEATURES
- High-performance, compact machine vision processor
- Seamless connectivity to the SmartController product line
- Single-source solution for machine vision, conveyor tracking and robot guidance applications
- Standard tools for hundreds of applications
- Common environment for fast application development and deployment
- Dedicated, multi-channel image acquisition for faster vision response time

Software and Control

ACE PackXpert

ACE PackXpert™ is a powerful, all-in-one packaging software solution. It is designed to manage packaging systems from integration to deployment, without lengthy, overly-complicated programming. ACE PackXpert is intuitive, complete, flexible, re-usable, and is able to handle line variances with minimal impact to the production output.

FEATURES
- Coordinate efforts of an entire robot line by working across multiple controllers
- Use the workspace elements across a variety of applications, and redeploy them for future applications
- Deploy your application faster through the intuitive software environment
- Build robust applications through the suite of tools
- Integrate into a machine builder's user interface through the .NET environment
- Respond quickly to part changes without lengthy reprogramming
- Get a 3D view of your system operation
- Leverage your own eV+ knowledge and our 25+ years of experience

Click to visit PackXpert product web-page

SmartController EX

The SmartController EX motion controller is a member of our family of highperformance distributed motion controllers. The SmartController EX motion controller is designed for use with Quattro, Hornet, eCobra, and Viper robots.

Sysmac Machine Automation Controller NX/NJ/NY

The Sysmac Machine Automation Controller integrates logic, motion, safety, robotics, vision, information, visualization and networking under one software: Sysmac Studio. This one software provides a true Integrated Development Environment (IDE) that also includes a custom 3D motion simulation tool. The machine controller comes standard with built-in EtherCAT and EtherNet/IP. The two networks with one connection purpose is the perfect match between fast real time machine control and data plant management.

Click to visit Sysmac product web-page

Service and Support Options

Our standard Warranty, Training, Repair, Transportation and Rental Services and our Maintenance Contracts guarantee worry free ownership and operation of your robot while eliminating the guess work from the annual budgeting process. In case you have demand for services in other countries that you are based, please contact your local Omron sales office for our Global Cross Border Support ! Our support teams are strategically located and are available to assist you with your training, technical support and onsite service needs.

WARRANTY OPTIONS
Robots Basic Warranty period starts with the shipping date. Warranty is in place even though robot is not being registered with Omron. Basic Warranty includes:
• 1 Year Spare parts with standard shipping costs
• Labor and traveling expenses are not included
• Global warranty

Extended Warranty is received by registering the robot with Omron via the warranty validation service. It validates the condition and the quality of the robot installation. Also the robot location and serial number are confirmed. Registered robots receive coverage for the first 2 years of operation and it includes:
• 2 Year Spare parts with standard shipping costs
• Labor and traveling expenses for the first year
• Global warranty
• Robot registration needs to be done within 2 months after the shipping date

To further extend the period of warranty we offer packages, to a maximum of 30 months from shipping date;
• Spare parts package, per 6 months
• Labor and traveling expenses package, per 6 months

PREVENTIVE MAINTENANCE VISIT
The Preventive Maintenance Visit is a complete inspection service for your robotic system. During the one day visit, a certified Field Service Engineer will perform all recommended factory maintenance activities and complete a comprehensive inspection of your robot. At the completion of the inspection, you will be given a report that documents the details of the service along with a list of any recommended repairs or services required to maintain your robot.

The Preventive Maintenance Visit saves you money:
• By finding concerns early that can be corrected before more expensive damage is done
• By reducing the risk of unplanned production downtime

FEASIBILITY STUDY
By making a visit we want to assure the best robot implementation to your production, application, software, machine safety, inspection and general conditions like housing of the factory (lighting, spacing, electrical, safety).

RENTAL
This service can be chosen for two options:
• To test and demonstrate
• Short term replacement during repair
(offered per week, exclusive transportation, labor and travel expenses)

TRANSPORTATION
We offer really competitive prices for transportation. However, in case you would like to organize by your own, you also have this possibility

WARRANTY OPTIONS
Warranty options are available for following robot types: eCobra, Viper, Hornet, Quattro.
Service Item Codes:

ROBOT BASIC WARRANTY
- Available when purchasing a robot

ROBOT EXTENDED WRTY
- Available when registering a robot

ROBOT 6MTH WRTY EXT LB
- Labor and travelling package per 6 months

ROBOT 6MTH WRTY EXT SP
- Spare part package per 6 months

ROBOT EXTEND WRTY VALIDATION
- Service enabling Extended Warranty

PREVENTIVE MAINTENANCE VISIT, RENTAL AND TRANSPORTATION
Service Item Codes:

ROBOT FEASIBILITY STUDY
- Includes a visit on customer site

ROBOT RENTAL
- Available per robot type: eCobra, Viper, Hornet, Quattro

DELIVERYCHARGE
- Available per robot type: eCobra, Viper, Hornet, Quattro

*Click to visit robotic-services web-page*

Field Service and Support

Our team of Robotic Field Service Engineers is strategically located throughout the Europe to support your production needs. Backed by our Global Application and Engineering team for in depth troubleshooting support, our service team can rapidly respond to your site for diagnosis and recovery of your Omron robot, enabling you to resume production as quickly as possible.

REPAIRS

If a robot is broken and it needs to be repaired, it is preferable to repair on-site. If your robot has to be repaired, please contact Omron Technical Support/ Technical Support Engineer. They will analyze key parameters (the type of error, the location of the robot, the urgency of the repair, etc) Based on this analysis We will recommend you the best repair option:
• Remote support
• On-site at customer premises
• In-house Omron
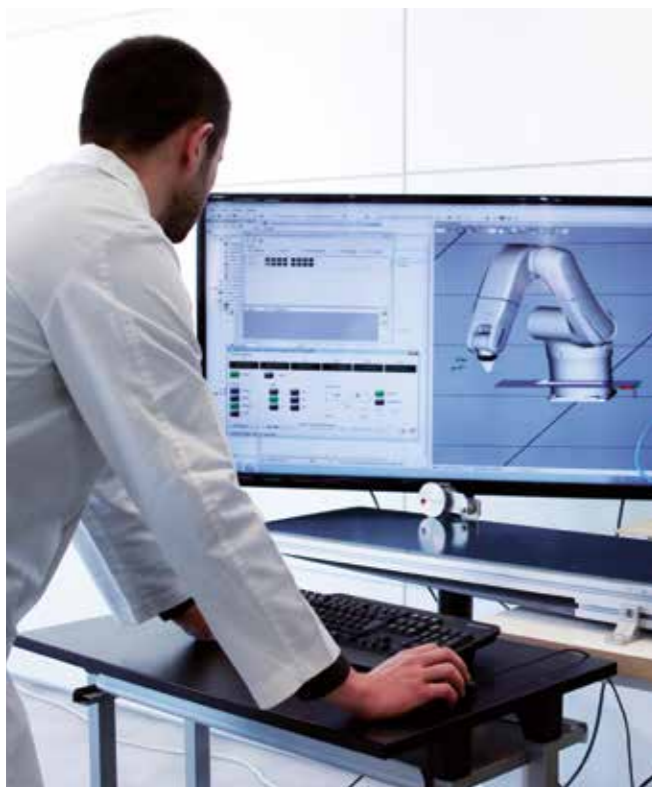
TECHNICAL SUPPORT
With regional offices and support in your local language, our Technical Services group can answer your technical questions, provide application support, assist in product selection and troubleshoot a problem. Via phone and email, our technical support is available to our customers during normal business hours: 8:00 AM to 6:00 PM.

TECHNICAL SERVICES & REPAIRS
Service Item Codes:

ROBOT AS INHOUSE REMOTE ASSIS
• After Sales - In House Remote Assistance Phone / Team Viewer

ROBOT AS HOUR FEE
• After Sales - Hourly Rate for Working Days from 08:00 to 18:00

ROBOT AS HOUR FEE OVT
• After Sales - Hourly Rate for Working Days from 18:00 to 08:00

ROBOT AS HOUR FEE WKD
• After Sales - Hourly Rate for Weekends / Public Holidays from 08:00 to 18:00

ROBOT AS TRAVEL DST FEE
• After Sales - Value per Kilometer and Country Rule Related

ROBOT AS DAY ALW WITH HOTEL
ROBOT AS DAY ALW WO HOTEL
• After Sales - If Service is >=8 hours on site and Service Engineer is from the country

REPAIRS
• Repairs by Omron repair center, by offer

Educational Services

Our frequently offered "hands on" instruction at a regional training center or at your own work site mean flexibility in acquiring the skills necessary to get the most from your new robot systems. Focused on our products and their applications, training shortens the learning curve for your employees using industrial automation equipment for the first time as well as for your experienced technicians learning the advanced functionality of an upgraded system.

Ask from your Local Sales Office for the possibility for robot programming courses. They are available by robot type to eCobra, Hornet, Quattro, Viper and LD users.

TECHNICAL SUPPORT
With regional offices and support in your local language, our Technical Services group can answer your technical questions, provide application support, assist in product selection and troubleshoot a problem. Via phone and email, our technical support is available to our customers during normal business hours: 8:00 AM to 6:00 PM.

TRAINING COURSE PORTFOLIO
Service Item Codes:

PROGRAMMING COURSES:
TCD21 PROG E V+ PROF (4,5 days)
Programming e V+ Professional

TCD22 PROG VIPER (0,5 days)
Programming Viper

TCD23 PROG ACE OPERATORS (2,0 days)
Programming ACE for Operator's

TCD24 PROG MOBILE ROBOTS (4,0 days)
Programming Mobile Robots

TCD25 PROG ENTERPRISE MGR (1,0 days)
Programming Enterprise Manager

ROBOTICS VISION COURSES:
TCD31 ACE SIGHT 3 BASICS (1,0 days)
ACESight 3 Basics

TCD32 ACE SIGHT 3 CONV TRACK (1,0 days)
ACESight 3 Conveyor Tracking

TCD33 ACE SIGHT 3 VISION (3,0 days)
ACESight 3 Vision

TCD34 ACE SIGHT 3 PROG ANYFEED (1,0 days)
ACESight 3 Programming AnyFeeder

Maintenance Contracts

To have an optimized life-cycle for a robot, its important to secure proper maintenance after warranty. A robot maintenance contract can save you a considerable amount of time and resources:

- Priority on technical calls
- Consumables for free in service visits
- Competitive prices on spare parts, service hourly rates and robot rentals (discount depends on contract: Bronze / Silver / Gold).
- Includes a Preventive Maintenance Visit 1 per year
- All maintenace contracts require a validation service

BRONZE MAINTENANCE CONTRACT

- Minimum 1 Year Contract
- Only Consumables (Grease, oils) are included, Spare Parts are charged separately
- All other service activities are charged except the Preventive Maintenance Visit (1 per year)
- Discount policies are in the following table

SILVER MAINTENANCE CONTRACT

- Minimum 1 Year Contract
- Only Consumables (Grease, oils) are included, Spare Parts charged separately
- All labour and Traveling expenses are included, within reason, and if it's not Customer responsibility*
- Discount policies are in the following table

GOLD MAINTENANCE CONTRACT

- Minimum 3 Years Contract
- All Consumables and Spare Parts are included within reason, and if it's not Customer responsibility*
- All Labour and Traveling expenses are included, within reason, and if it's not Customer responsibility*
- Discount policies are in the following table

* Customer responsibility (Crash, bad programing, Wrong Power Connections, etc.)

MAINTENANCE CONTRACTS
Service Item Codes:

ROBOT MNT CONT FIXED BRONZE
- Preventive Maintenance Contract - Bronze

ROBOT MNT CONT FIXED SILVER
- Extended Preventive Maintenance Contract - Silver

ROBOT MNT CONT FIXED GOLD
- Complete Maintenance Contract - Gold

ROBOT EXTEND WRTY VALIDATION
- Service enabling maintenance contracts

Click to visit robotic-services web-page

Type of service	Service description	Duration Contract	Review on-site per robot / year	Consumables	Spare parts	Labor and displacement
Bronze	Preventive Maintenance	1	1	Yes	No	No
Silver	Extended Preventive Maintenance	1	1	Yes	No	Yes
Gold	Complete Maintenance	3	1	Yes	Yes	Yes

Type of service	Parts discounts	Labor discounts	Rental Robot discounts	Remote assistance/h	Priority in Technical Assistance
Bronze	10%	10%	10%	25	Yes
Silver	15%	15%	50%	Unlimited	Yes
Gold	15%	15%	75%	Unlimited	Yes

Omron at a glance

200,000 products ranging Input, Logic, Output & Safety

Sensing, Control Systems, Visualisation, Drives, Robots, Safety, Quality Control & Inspection, Control and Switching Components

"To the machine the work of the machine, to man the thrill of further creation."

Kazuma Tateisi, founder of Omron

6%

Annual investment in Research & Development

Innovation track record of 80 years

1,200 employees dedicated to R&D
12,500 + issued and pending patents
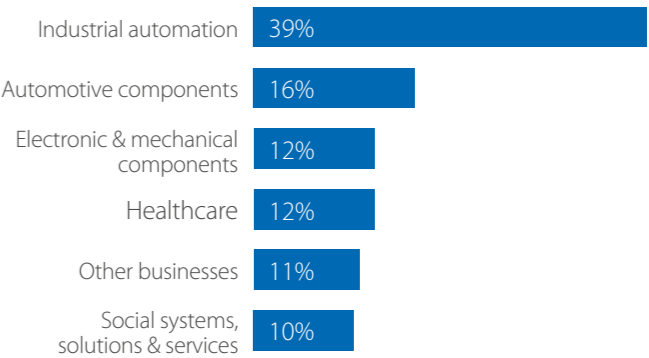
37,500
Employees worldwide

200
Locations worldwide

22
Countries in EMEA

Working for the benefit of society

Industrial automation	39%
Automotive components	16%
Electronic & mechanical components	12%
Healthcare	12%
Other businesses	11%
Social systems, solutions & services	10%

Close to your needs

Technical training & seminars, technical support, Automation Technology Centers, online community (MyOmron), online catalogues and technical documentation, customer service & sales support, inter-operability labs (Tsunagi), safety services, repairs.