MODULAR ROBOT CELL™

The new versatile, cost-effective, and ergonomic standard for all your manufacturing production needs
THE NEW REALITIES OF PRODUCTION

Before

• Longer production contract periods
• Equipment designed for single product manufacturing
• Large/stationary equipment
• Hard to maintain equipment
• Expensive technology
• Large inventories
• Lack of workplace safety

Now

• Shorter production contract periods (marketing-driven)
• Need for flexible, multi-purpose equipment
• Reduction in production space
• Easy maintenance required
• Short-term return on investment on purchased equipment
• High labour costs
• Increased competition from emerging countries
• Reduced inventories (just-in-time production)
• Focus on operational safety
Advantages

• Mobile equipment whose modules and components – including robots – are movable and configurable
• Range of options/functions for different applications
• Short-to-medium term return on investment
• Rapid maintenance and reconfiguration

Cost-effective

• Equipment may be used for longer periods of time and its costs are spread across several product lines
• Reduced engineering, installation and maintenance costs
• Increased productivity
• Simplified commissioning of equipment allows for faster production start

Ergonomic

• Robot cell can accommodate a range of configurations, by taking up less space or by adapting to the space available
• Size of cell modules allows for easier and more cost-effective handling and shipping

Versatile

• A single modular robot cell can manufacture many products
• A single modular robot cell can be easily reconfigured and reprogrammed for multiple applications and industry sectors
• Connections (electric, pneumatic) between modules are rapidly done (quick-connect)
We create custom cells that adapt to all your needs:

- Vision systems
- Handling/gripping system
- Mechanical operations (marking, assembly, sorting, painting, etc.)
- Packaging/palletizing/casing
- Testing/quality control
Services
Engineering | Consulting | Automated production systems manufacturing and integration

Expertise
Automation | Robotics | Instrumentation | Mechanical Electrical | Industry 4.0 | Vision systems

Industries
Aerospace | Agri-food | Automotive | Energy | Manufacturing
Marine | Mines and metals | Petrochemical | Pharmaceutical

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