

# GI PAINTING PACKAGE

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## High-quality paint systems for any industry

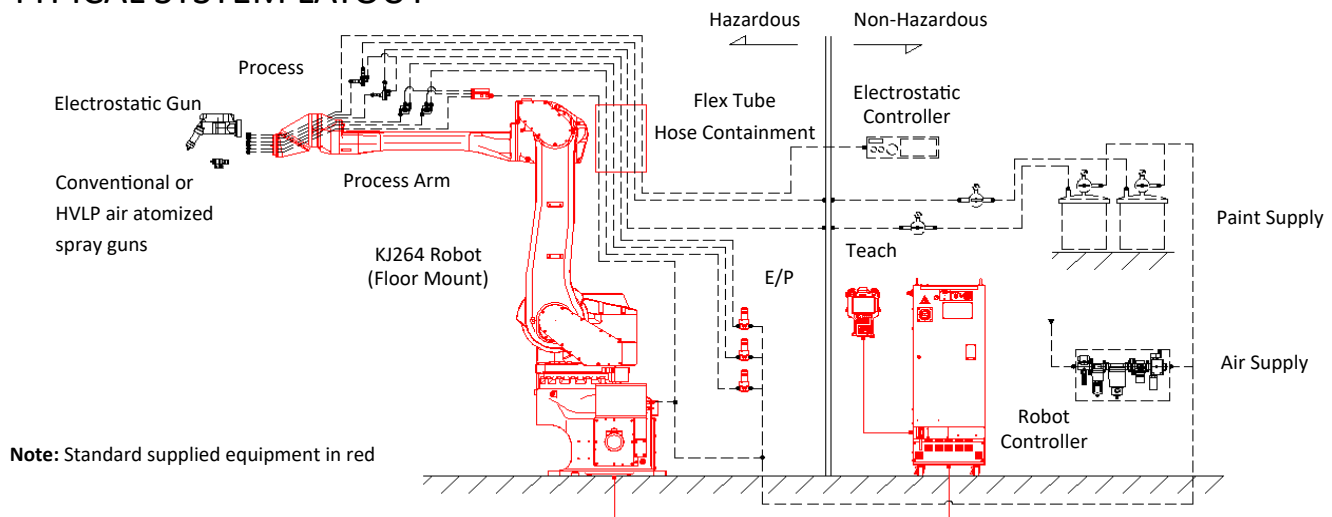
Kawasaki Robotics has translated years of robotic painting experience into this innovative solution for the general industries (GI) paint market.

Kawasaki's GI painting package is the ideal solution for simple paint applications that use spray gun or bell applicators and require open-loop flow control. By using a quick-start interface and including the hardware and software needed to begin, the package is designed to streamline startup by reducing the amount of engineering required to get up and running. In addition, no PLC is required to store and edit process parameters; they are stored directly in the robot controller memory.

The package can be used for up to four applicators. The robotic applicators are capable of spraying many different types of paint materials such as, water, solvent, powder, primers, base and clear coats.



## TYPICAL SYSTEM LAYOUT



### Interface Specifications

<b>Robots offered</b>	KJ264, KJ314
<b>Supported controller</b>	E35
<b>Process control</b>	<ul style="list-style-type: none"> <li>• Paint flow rate</li> <li>• Atomizing air pressure</li> <li>• Process pilot valves, gun triggers</li> <li>• Fan airflow rate</li> <li>• Electrostatic voltage control</li> </ul>
<b>Included equipment</b>	<ul style="list-style-type: none"> <li>• 16-station DeviceNet valve manifold built into robot process arm for process valve pilots</li> <li>• (3) DeviceNet E/P regulators built into robot base for pressure/flow control</li> <li>• DeviceNet network for process equipment, pre-configured in interface software</li> <li>• Hose containment system up to process arm</li> </ul>

# Explosion-Proof Painting Robots

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Hollow wrist arms. Programming flexibility. Easy integration.

The K series painting robots combine high operational performance with easy system integration. With seven types of explosion-proof models available, Kawasaki has a robot that will suit any robotic painting application, from a one robot paint cell to complete multi-robot integrated finishing systems. Hollow wrist versions of the robots can be fitted with internal hoses to prevent paint mist from adhering to tubes and cables, minimizing the risk of contaminants in the paint finish. Kawasaki also offers a painting specific control panel to enhance the ease of system building and interfacing with peripheral equipment such as robot traveling unit, workpiece transfer unit, rotation unit, and other devices.



## Servo Brothers Paint Finishing Systems

The total package for automated paint applications

Designed specifically for general industry paint applications, Kawasaki's Servo Brothers paint finishing systems provide the user with a complete set of options to fit their process needs. Each of the seven servo-controlled units (three pictured here) can be packaged with any Kawasaki's K series robot and paint-specific E series controller. Air regulators and pilot valves are included directly in the arm for process control with no engineering necessary, reducing costs and minimizing time needed for startup.

