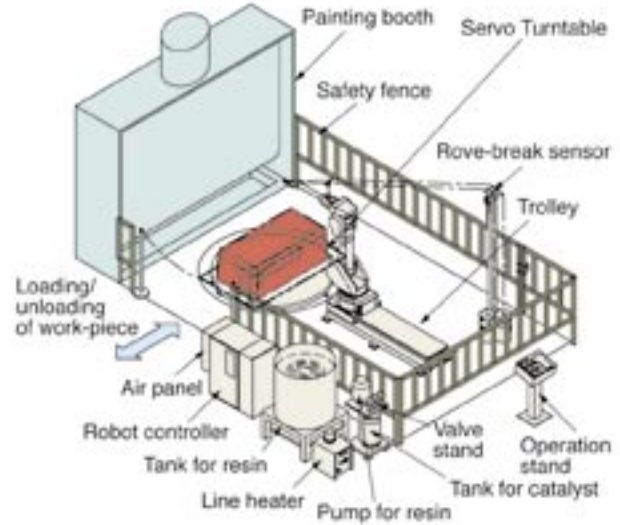
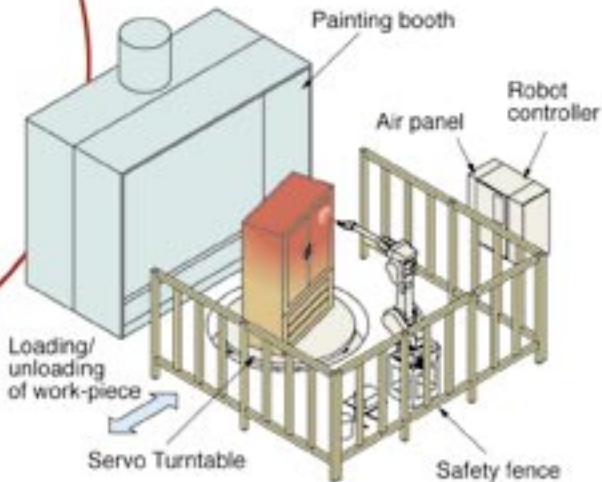


Large Work Piece Painting Cell Servo Turntable

Complete Painting System with Uninterrupted Turntable Rotation



STANDARD SYSTEM KEY FEATURES

The integrated control of the robot and table allows any painting position to be easily achieved, maximizing the quality of the surface finish.

The Servo Turntable system can be utilized for various types of painting methods, such as: synchronous control, multi-angle indexing, uninterrupted rotary coating, etc.

FIBER REINFORCED POLYMER (FRP) SYSTEM - KEY FEATURES

The FRP System incorporates a trolley unit, improving the operating range of the robot and allowing a variety of part sizes to be easily incorporated within the cell. This system is ideally suited for large work pieces (furniture, bathtubs, enclosures, etc.).

Kawasaki Robotics offers a total packaged system, including the FRP equipment complete with rove shortage detection.

SPECIFICATIONS

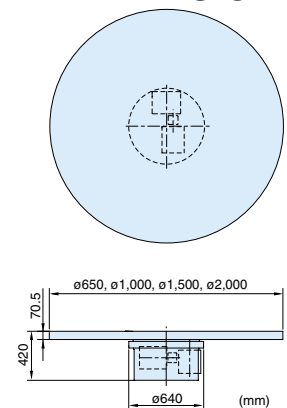
		STANDARD	HEAVY LOAD CARRYING
Table Load		Max. 500 kg	Max. 1,000 kg
No. of Control Axes		6-Axis Robot + 1-Axis Servo Turntable	
Control Method		Servo Control	
Programming Method		Point-to-Point Teaching/Off-line Programming/AS Language	
Position Detection Method		Absolute Encoder	
Table	Operation Angle	Infinite Revolution	
	Indexing Angle	90° and Arbitrary Angle	45°, 90°, 180° and Arbitrary Angle
	Indexing Time	2.5 sec./90°	5 sec./90°
	Uninterrupted Rotary Speed	Max. 10 rpm	Max. 5 rpm
	Rotary Direction	Normal/Reverse Rotation	
Explosion Protection		Pressurized and Intrinsically Safe (class 1, zone 1, group IIB & T4 certified)*	
Mass		510 kg	560 kg
Table	Diameter	650 mm, 1,000 mm, 1,500 mm, 2,000 mm	
	Height	450 mm	
Color		Kawasaki Standard	
Foot Switch Function (Option)		Uninterrupted normal rotation, rotation stop	Uninterrupted rotation, 45°, 90°, 180°, indexing (changeable indexing angle), rotation stop

Note: The work piece table, fixtures, paint booth, and other equipment to be supplied by purchaser.

*Contact KRI for latest certification.

ServoTurntable - REV06/06

EXTERNAL VIEW AND DIMENSIONS



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