

Small Painting Applications

Servo Tombow

Space Saving and Easy Installation

KEY FEATURES

Smooth Movement

Programmable servo motion eliminates part slippage during rotation and as a result reduces the need for expensive fixtures.

High Quality Paint Finish

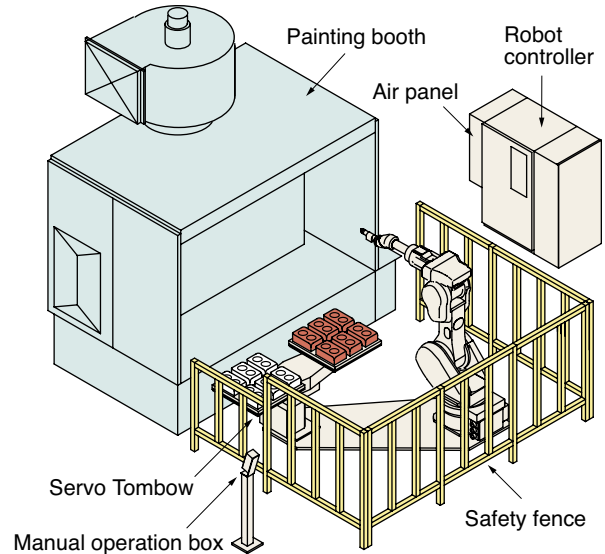
The Tombow cell design enables the paint gun to be positioned on each side of the work piece for an optimal paint finish. This design is ideal for small square shaped items (ie: electronic enclosures, speaker boxes, TV frames, etc.) that are often difficult to paint evenly on all sides.

Synchronous Robotic Operation

The table rotation can be synchronized with the robot motion. This feature is ideal to ensure a uniform finish for cylindrical shaped components like aluminum wheels. The Tombow table offers 360 degrees of rotation.

Overcoming Paint Mist Accumulation

In order to reduce paint mist accumulation problems, the work piece can be position directly above the water tank due to the Tombow's cantilever table design.



SPECIFICATIONS

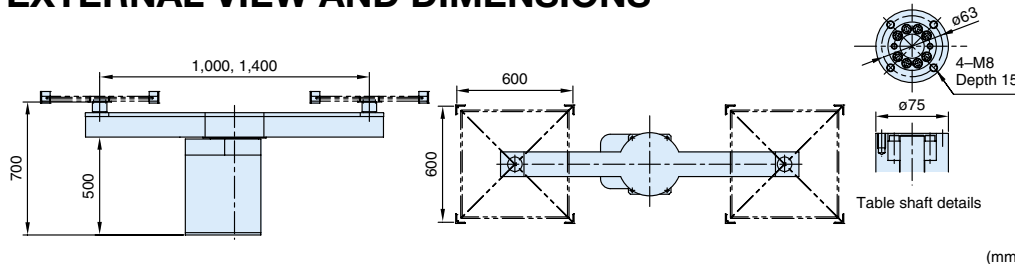
		STANDARD	HEAVY LOAD CARRYING
Table Load		20 kg x 2 Tables	40 kg x 2 Tables
No. of Control Axes		6-Axis Robot + 2-Axis Servo Tombow	
Control Method		Servo Control	
Programming Method		Point-to-Point Teaching/Off-line Programming/AS Language	
Position Detection Method		Absolute Encoder	
Arm	Diameter	1,000 mm, 1,400 mm	
	Operation Angle	180°	
	Indexing Time	2 sec./180°	
Table	Operation Angle	Infinite Revolution	
	Indexing Angle	90° and Arbitrary Angle	
	Indexing Time	0.8 sec./90°	1.2 sec./90°
	Uninterrupted Rotary Speed	Max. 90 rpm	Max. 45 rpm
	Rotary Direction	Normal/Reverse Rotation	
Explosion Protection		Pressurized and Intrinsically Safe (class 1, zone 1, group IIB & T4 certified)*	
Mass		110 kg (Diameter: 1,000 mm), 150 kg (Diameter: 1,400 mm)	
Color		Kawasaki Standard	

Note: Standard lengths are 1,000 mm and 1,400 mm.

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

*Contact KRI for latest certification.

EXTERNAL VIEW AND DIMENSIONS



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