

KUKA

KUKA Aerospace Solutions

KUKA ROBO FINISH



■ **KUKA ROBO FINISH**
POLISHING OF AIRCRAFT
PANELS/COMPONENTS

The system uses an industrial robot equipped with a pneumatically actuated gripper to pick up aircraft access panels from dedicated panel loading magazines. The panels are then taken to a fixed polishing spindle where they are polished.

The polishing spindle has an in built compliance unit and is housed within an extraction booth. The entire system is housed on a platform allowing quick and simple re-location.

The addition of a vision system with KUKA Vision software allows the processing of a wide variety of dissimilar components.



TECHNICAL DATA	
Number of Panels:	16 Variants (more possible)
Panels per Batch:	49
Spindle Speed:	Pushcorp STC0603
Spindle Speed:	Up to 6000 r.p.m
Cycle Time per Panel:	2 Minutes (application dependant)
Foot Print:	4.1 m x 4.3 m (application dependant)
Price:	On Request

COMPONENTS	BASIC SCOPE	OPTIONS
■ Industrial Robot	■	
■ Pushcorp Compliant Spindle	■	
■ Panel Magazines	■	
■ Panel Grippers	■	
■ Media Stand	■	
■ Wet Extraction Booth	■	
■ Safety Fence	■	
■ PLC (Siemens S7 or others)	■	■
■ Controls Comms (Profibus, Ethernet etc)	■	■
■ Vision Camera and KUKA Vision		■
■ Remote Diagnostics		■
■ Web Camera		■

Specifications regarding the characteristics and usability of the products do not constitute a warranty of properties. They are intended to serve informative purposes only. Some items of equipment depicted in the illustrations are optional, and are not included in the standard scope of supply. Solely the respective contract of sale shall be binding in respect of the extent of our supplies.

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