



Robotic Deburring Application Cell

Deburring robots remove material to take burrs, sharp edges, or fins off metal parts. Industrial deburring robots to increase precision on the part being ground down or filed. Robotic deburring improves part quality because the robot can be programmed to each specific part and customized with the right EOAT to apply the correct amount and type of pressure in each area. Robotic deburring is suited to die cast job work, for example in the alloy wheel rim, two wheeler footrest, engine crank case, two wheeler backrest holder, flywheel housing, gear housing, clutch housing, cylinder head, crank case, cylinder block.

Robot Specification:

Model	:	KUKA KR 5
Rated Payload	:	5 Kg
Maximum Reach	:	1400 mm
Repeatability	:	± 0.10 mm
Controller	:	C4

Deburring Tool Specification

Make	:	Schunk
Model	:	9150-AC-90
Motor	:	Air Motor
Max. Speed	:	30,000 RPM
Weight	:	0.5Kg
Power	:	250 Watt
Compensation	:	± 4.1 mm

