

Offline Programming for Robotic Deburring Process of Aluminium Wheels

Ondrej Bilek, David Samek, Jana Knedlova

Tomas Bata University in Zlin, Faculty of Technology, Department of Production Engineering, T. G. Masaryka 5555, 76001 Zlin, Czech Republic. bilek@ft.utb.cz

The paper presents application of Siemens RobotExpert software of industrial robot offline programming. The deburring process of aluminium wheel is described and developed. The robotic work-cell contains robot ABB IRB 1600id and two axes positioner ABB IRBP A 750 D 1000 H 700. The final robot tool path is checked using the collision viewer, the joint status monitor, the tool centre point speed viewer and tracker.

Keywords: Deburring, RobotExpert, Aluminium, Offline Programming, Wheels.

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