

## FCT - MACHINING CENTER FOR TURBINE ROTORS



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The Innse-Berardi rotor slotting machines model FCT are dedicated to "Fir tree slots" machining of turbine rotors shaft. The hydrostatic guideways on all axes provide superior damping characteristics during all cutting conditions, from heavy duty milling of blade feet, starting from solid disks to the use of solid carbide milling cutters. The power-torque-speed characteristics of the main drive shaft permits to employ both high speed rotation and large diameter bell cutters (or disk type) that required high torque. The traditional configuration is designed with two opposite units working together. This solution reduces the machining time of the turbine rotor drastically and leads to a quick return on investment.



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Max. spindle power	kW	up to 55
Max. spindle torque	Nm	up to 7.500
Spindle rotation speed	rpm	up to 4.000
Max. Workpiece weight	tons	up to 350
Max. workpiece length	mm	up to 18.000

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