

# High-Reliability and High-Performance Wire-cut Electric Discharge Machine

## FANUC ROBOCUT $\alpha$ -C800iB



XYZ axis travel  
800×600×310mm  
800×600×510mm (option)



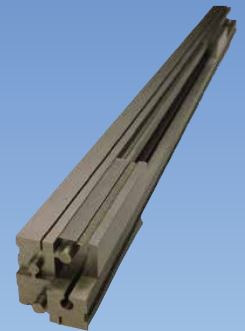
Large die plate



Turbine part



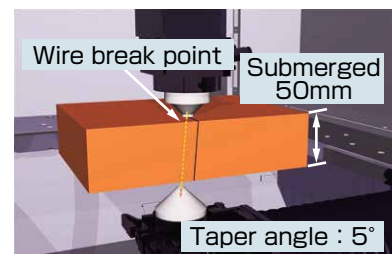
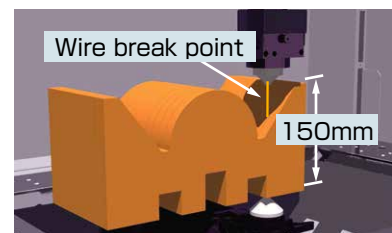
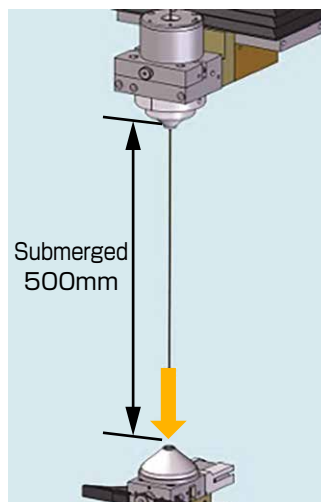
Keyway cutting



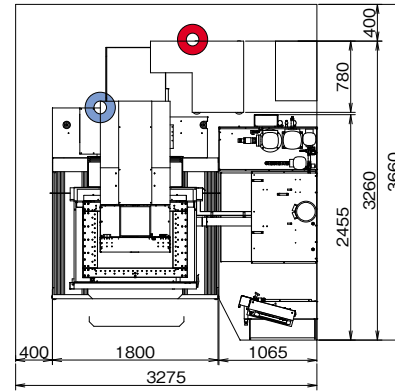
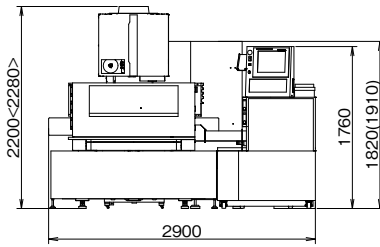
Thick workpiece

### High reliable AWF3 for long-term unmanned operation

- Simple structured AWF (Automatic Wire Feeding) is superior to maintainability, and provides higher success rate of threading wire and high reliability.
- AWF3 will realize the submerged AWF and AWR (Automatic Wire Recovery) at wire break point.



# Floor Plan



● Power input position (200V AC, 3-phase)

○ Compressed air input position (w/ Air plug 20PM)

\* The values in parentheses < > are when the safety cover is open.

\* The floor plan above is that of a standard type machine. Contact FANUC if you wish to order the options

# Specifications

Model		$\alpha$ -C800iB
Maximum workpiece dimensions	w/o automatic door	1250×1020×300 mm (option : Z axis 500mm)
	w/ automatic door	1250× 975×300 mm (option : Z axis 500mm)
Maximum workpiece mass		3000 kg
XY axis table travel		800×600 mm
Z axis travel		310 mm (option : Z axis 510mm)
UV axis travel		±100 mm×±100 mm
Maximum taper angle		±30° /150 mm (option : ±45° /70 mm)
Wire diameter		φ0.10 to φ0.30 mm
Maximum wire mass		16 kg
Machine mass		About 4200 kg
Controller		<b>FANUC Series 31i-WB</b>

# FANUC CORPORATION

Oshino-mura, Yamanashi 401-0597, Japan  
 Phone: (+81)555-84-5555 Fax: (+81)555-84-5512  
<https://www.fanuc.co.jp/>

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