

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

FANUC ROBOCUT α -C800iB



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



Large die plate



Turbine part



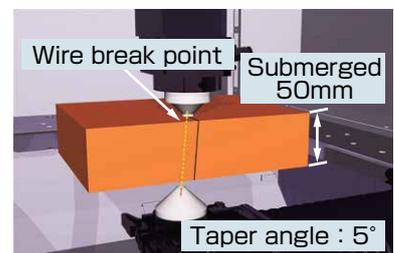
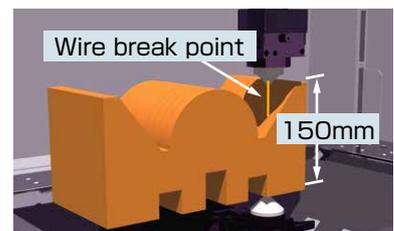
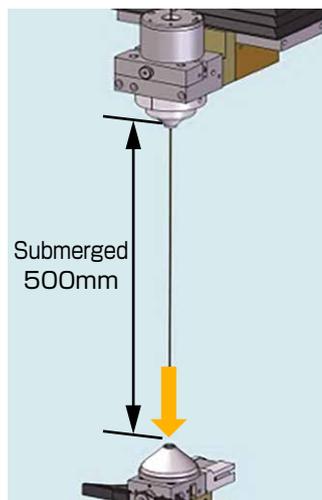
Keyway cutting



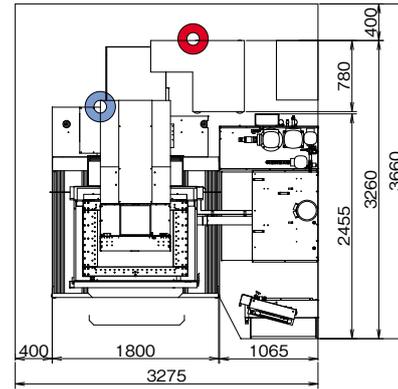
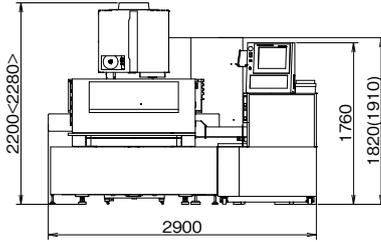
Thick workpiece

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 | | α -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 | | FANUC Series 31i-WB |

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