Wire-cut EDMs

ADVANCE PLUS control expands the capabilities of electrical-discharge machining



4-axis LSM (XYUV linear shaft motor) Four-sided hardened table





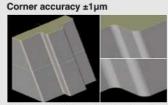
UV OPT-drive system (standard for MV-R series)





Improved corner and circular accuracy

- · ODS provides high accuracy even when cutting a U-V independent tapered shape
- Machining accuracy is improved in very small inside & outside corn tadii (CM3) *CM3 (Corner Master3): Corner machining control
- Compensation accuracy improved by new AFC servo control



Circle command of the top and bottom surface of arbitrary shape

Circular accuracy within 2µm



Wire electrode: Ø0.2(.008*)
Workpiece: Steel (SKD11), t30mm(1.18")

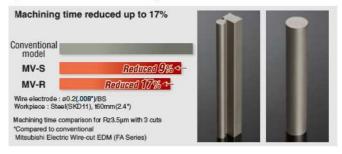
V350V power supply (standard for MV-R series)





Improved machining speed

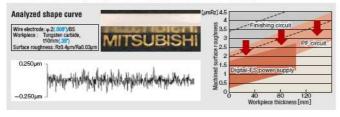
- V350V power supply control realizes high-speed machining
- · Optimized control of power supply during intermediate and finishing processes reduces total machining time



Digital-FS power supply (option for MV-R series)

Surface roughness of Rz1.0µm or less

- · Optimum surface roughness of Rz0.4µm
- · Machining with the workpiece set directly on the table (insulation jig not required)
- V350V Machining range not limited (entire XY stroke area)

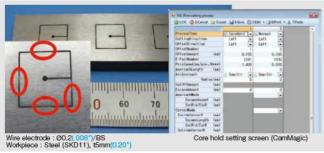


COREHOLD (sludge retention) (option for MV-R series)

X NUI

Improved productivity

- . This function allows the sludge to be automatically held in place after the rough cut for complete unattended operation
- These positions and lengths can be set by CamMagic or the built-in CAM on the machine



Angle Master ADVANCE (option for MV-R series)





Improved taper accuracy

- · ODS provides high accuracy even when cutting a U-V independent tapered shape
- · Taper accuracy is improved regardless of wire angle direction



Option Standard equipment Factory installation only X:Not available

	MV1200R/2400R	Installed machine
UV OPT-drive system	0	0
Angle Master ADVANCE	•	×
Special material machining power supply	0	0
Digital-FS power supply	•	×
COREHOLD	•	×
Sleep mode	0	0
Anti-virus protection	0	0

*Anti-virus protection is provided by one of the world leaders in security control McAfee is a registered trademark of McAfee, Inc. in the United State and other countries

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