



High Precision Wire-Cut Electric Discharge Machine

STG

<http://www.stgjapan.jp>

A background image showing a wire-cut electric discharge machine (EDM) in operation. Bright sparks are visible as the wire cuts through a metal workpiece. The machine's structure is partially visible in the background.

High Precision Wire-Cut Electric Discharge Machine

Our product is cost-efficient.

Wire can be used repeatedly.

Because the molybdenum wire wrapped around the wire-drum is moved forward and in reverse automatically,

it can be used repeatedly without the need to replace it.

Lifespan: 100 to 200 hours (varies with processing conditions)

Working fluid filter is not required.

Just use diluted working fluid and replace it when it gets dirty.

Average working fluid replacement period: 100 to 200 hours (varies with processing conditions)

Ion resin replacement is not required.

All consumables used are very affordable.

The operation language is English.

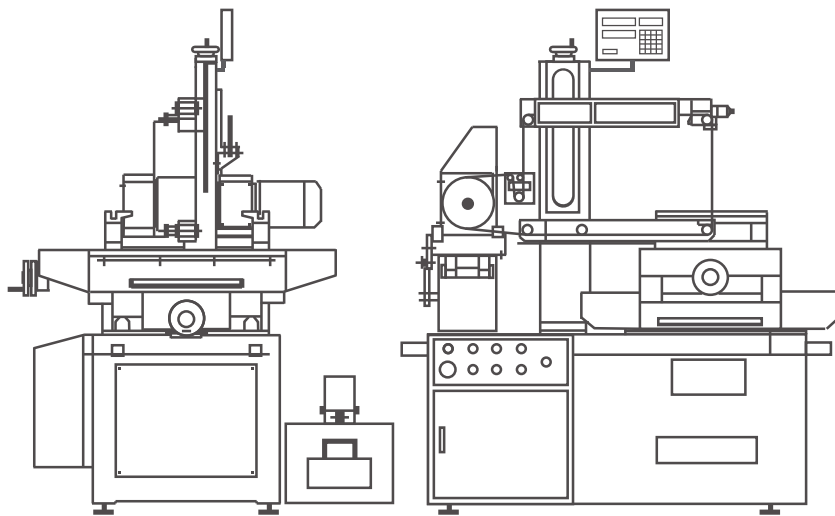


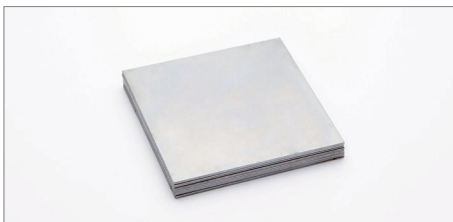
Table size 380×600mm
 Table stroke 320×400mm
 Precision 0.03mm
 Machine Weight 1400kg
 Wire Molybdenum
 Control Device(W/L/H) 500×450×1200mm
 Tank(W/L/H) 600×400×250mm

Mode	Table size (mm)	Table stroke (mm)	Item Limits Max Thickness (mm)	Item Limits Max Weight	Machine Weight Kg	Machine Measurement (L X W) mm
DK7720	270×420	200×250	200	100	800	1160×880
DK7725	340×520	250×320	400	200	1,200	1485×1010
DK7732	380×600	320×400	400	300	1,400	1640×1280
DK7745	500×750	450×550	400	450	1,650	1865×1520
DK7755	596×880	550×650	500	800	2,500	2070×1770
DK7763	720×1260	630×1000	600	1,000	3,200	2200×2160

Product Examples



Bearing Race: 56mm across/ 40mm high ($\Phi 2.20 \times 1.57$ ")



Metal Plate: 1.2mm(0.05") thick*12 pieces



Casted Iron: 72mm thick/ 130mm high (2.84"x5.12")



Cuts materials clean in half



Cuts more than one sheet of metal plate at one time with precision



Helps to easily check casting quality

For processing:

- Thick metals
- Hard metals
- Small quantities
- Sample products
- Pipe shape metal (hollow)
- Combined metals (brazed metals)

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