



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 a wire cuts through a metal workpiece. The machine's components are dark and industrial, set against a light, slightly blurred 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.

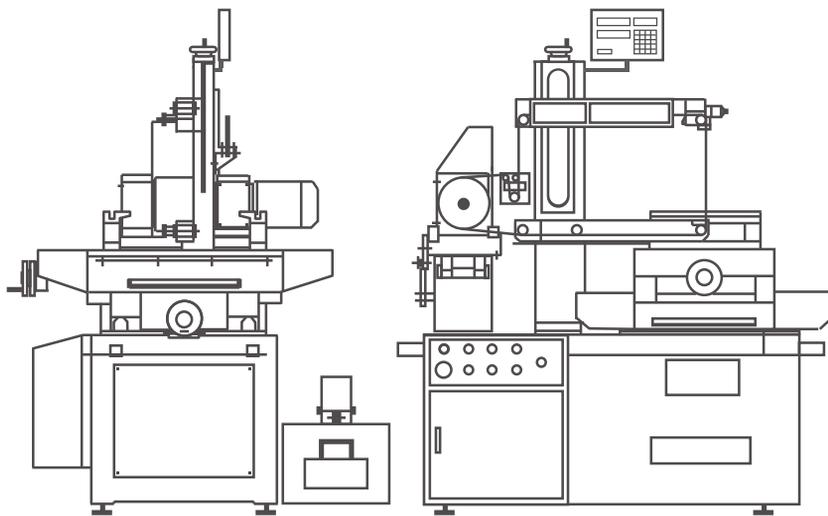


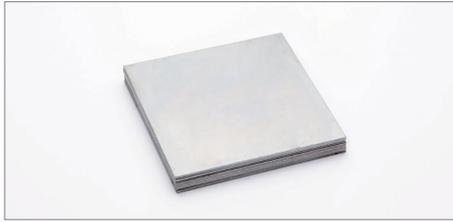
Table size 380×600mm
 Table stroke 320×400mm
 Precision 0.03mm
 Machine Weight 1400kg
 Wire Molybdenum
 Control Device(W/L/H) 500×450×1200mm
 Tank(W/L/H) 600×400×250mm

| 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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