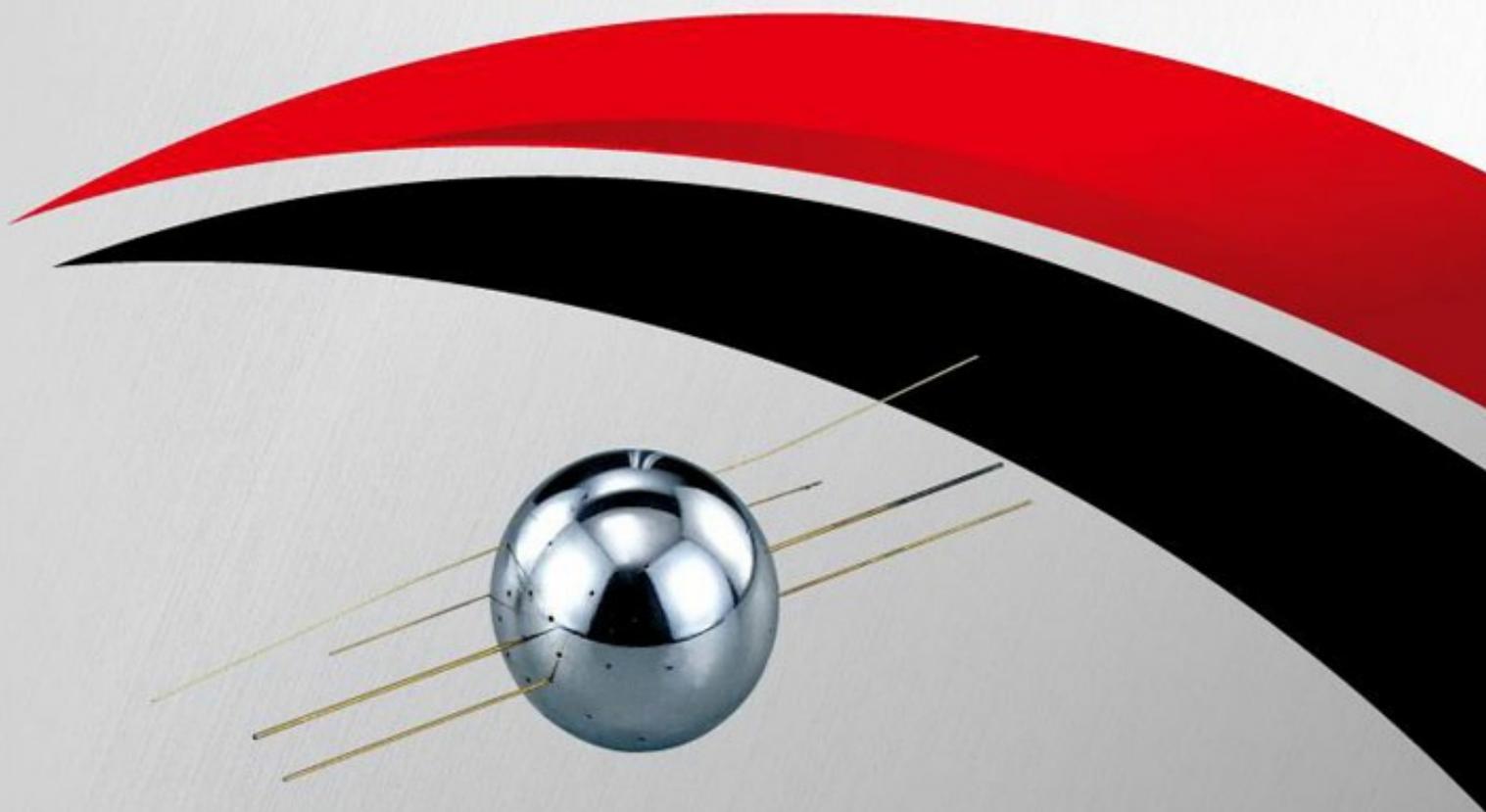




PIONEERING DESIGN

COMBINED WITH MODERN TECHNOLOGY
GENERATES THE ULTIMATE IN ACCURACY



Drilling EDM

A Wide Range of Models to Choose From!



Breaking Tradition!

A Great Technological Innovation!



Quick change electrode holder system

QUICK AND CONVENIENT TO CHANGE ELECTRODE.
HIGH CALIBRATION ACCURACY TO DRAMATICALLY
UPGRADE MACHINING ACCURACY.



FINE HOLE DRILLING EDM. APPLICATIONS

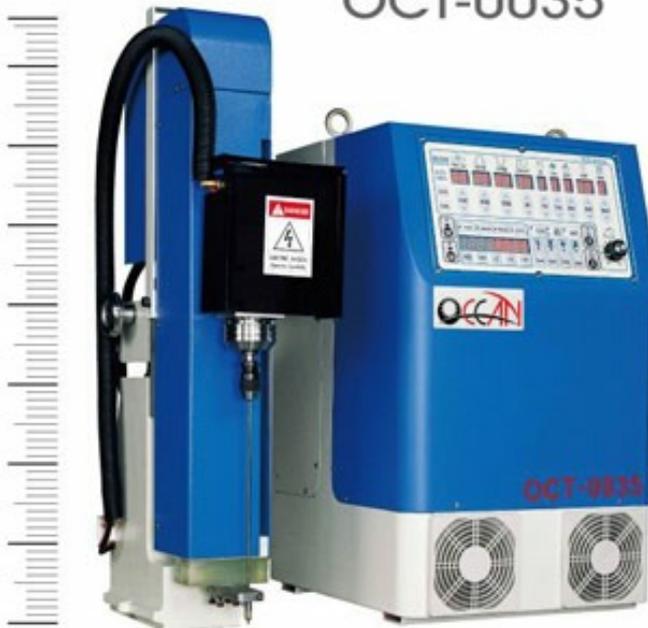
- For wire cut EDM start hole.
- Can machine super hard alloy steels or powder metallurgy materials, which cannot be drilled by traditional drilling machines.
- Fine hole drilling diameter 0.1 ~ 6.3 mm.
- The machine also works on spherical and curved workpieces.
- Uses distilled water during machining process. Eliminates the health and environmental hazards associated with cutting fluids.
- Applicable for the machining of conductive materials.
- Rectangle and circle pattern machining.
- Aerospace parts machining.
- Parts machining for the biotechnology industry.
- Parts machining for medical equipment.

PORTABLE DRILLING EDM.

COMPACT, LOW COST AND PORTABLE DRILLING EDM.
CUT COSTS! GENERATE MORE PROFIT!

76cm

OCT-0035



FEATURES

- Compact construction, easy mobility and low cost.
- Easy to operate.
- Good for drilling start holes for wire cut EDM.
- Good for deep hole drilling on super hard alloy and powder metallurgical steel materials.
- Designed for small, large and irregularly shaped material fine hole drilling.
- Suitable for removing broken taps or drill bits.
- 2 Banks parameter data

OPTIONAL FUNCTIONS AND ACCESSORIES:

- Parameter data banks - available to expand to 10 banks (2 banks is standard).
- Auto depth control includes the following functions :
 - a. Auto depth control
 - b. Z axis display (DRO)
 - c. Display mode: (DSP, Wear, Depth, END, Pn)
 - d. EDP function - point sparking (surface sparking)
 - d. Auto/Manual searching workpiece surface (EDGE)
 - e. Auto/Manual electrode compensating function
 - f. Metric/Inch conversion
- Work table - X, Y travel - 250 x 150 mm.
- Desk (L x W x H) - 1,150 x 750 x 750 mm.

NA

OCT-3525NA

NC OUTSTANDING FEATURES (MODEL: NA)

FEATURES

- 5 Banks parameter data. Each set can save various machining parameters. Available to expand to 10 sets (optional).
- Parameter data can be finely adjusted and is suited for a range of machining operations. The unit can also use preset parameter data for easy operation.
- EDP function : point sparking (surface sparking).
- Display mode : (DSP, Wear, Depth, END, Pn).
- Auto/Manual searching workpiece surface.
- Auto/Manual electrode compensating function.
- Metric/Inch conversion.
- Flexible control box design for convenient increase of functionality, and the elimination of signal interference. Great compatibility.



ZNC OUTSTANDING FEATURES (MODEL: ZA)

ZA

FEATURES

- 10 Sets working coordinates for setting (including machine coordinates)
- 10 banks parameter setting data. Each set can save various machining parameters.
- Parameter data condition can be fine adjusted. Suited for a range of machining operations. The unit can also use preset parameter data for easy operation.
- Auto/Manual searching workpiece surface.
- Auto/Manual electrode compensating function.
- Metric/Inch conversion.
- Display 3 axes or last machining value.
- Flexible control box design for convenient increase of functionality, and the elimination of signal interference. Great compatibility.



OCT-3525ZA
With tilting head $\pm 45^\circ$ (Optional)



OCT-3525ZA

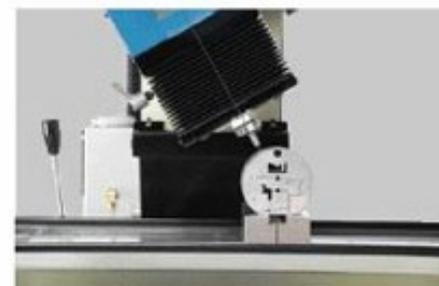
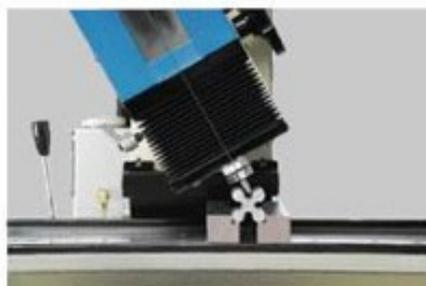
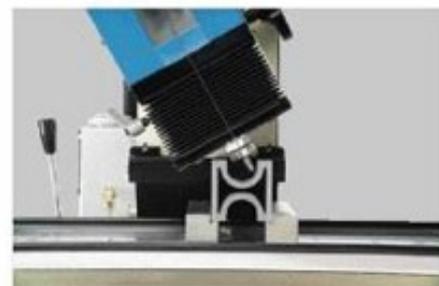


OCT-5540ZA



OCT-3525ZB
With tilting Head(Standard)

Application:
With tilting head (Optional)
Special for normal working



CNC OUTSTANDING FEATURES (MODEL: CA)

CA

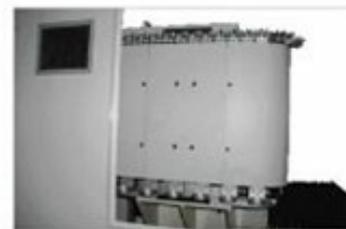


OCT-3525CA

AUTOMATIC TOOL CHANGE (OPT.)

AUTOMATIC TOOL CHANGE

ATC & AGC System



Auto Tool Change (ATC)

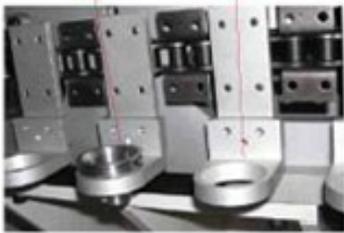
COMPACT HARDWARE AND HIGH QUALITY HUMAN-MACHINE INTERFACE

- Industrial Class Computer (Pentium 266 CPU, 32M RAM)
- 12.1" TFT LCD Display Panel.
- Display Power and External Keyboard Interface.
- I/O Operator's Panel.
- 4 Axes Closed-loop Motion Control Card.
- I/O Control Card.

AUTO GUIDE CHANGE



Guide Block Guide Support



Auto Guide Change(AGC)



Water Treatment System
For CNC type

CNC DRILLING EDM WITH ATC(AUTOMATIC TOOL CHANGE)& AGC(AUTO GUIDE CHANGE)



AUTOMATIC TOOL CHANGE, AUTO GUIDE CHANGE AND INTELLIGENT TOOL COMPENSATION

- Auto Tool Change control.
- Auto guide change.
- Auto compensation of replacement new electrodes while machining electrode is run out.
- Once the machining depth is reached, the electrode automatically returns to a fixed height above the workpiece.
- Variable deepness control of machining.
- Simulation and working path display.
- Many condition files - each file input has 100 discharge variables.
- 100 sets of drilling deepness.

USER FRIENDLY AND COMPATIBLE

- Dialogue Programming.
- G/M Code Programming.
- Background Editing.
- Special Modular Machining (Circle, Rectangle Patterns)
- Auto Edging. Centre of Two Points. Center of Circle Contains Electrode.
- Radius Compensation.

FLEXIBLE AND MAINTAINABLE

- Self-Diagnostic System Display.
- Hardware Status Display.
- Alarm History Management.
- RS232 Trans Function.
- Chinese/English/German/Japanese Conversion.
- DOS System (Standard)/ Windows System (Optional)

CA

GANTRY TYPE CNC DRILLING EDM

OCT-8060CA

FEATURES

- Gantry type construction assures outstanding rigidity and stability.
- All axes use linear ways.
- Available to equip with 5th or 6th axis machining irregular-shape workpiece.
- Employs industrial grade P.C. with DOS or windows(opt) operation system for powerful control functions and ease operation.
- Auto electrode change,Auto guide change is optional.



Idea for Irregular-shape Drilling for
Aerospace and Automotive Parts.

RAM TYPE CNC DRILLING EDM



Automatic
Tool Change



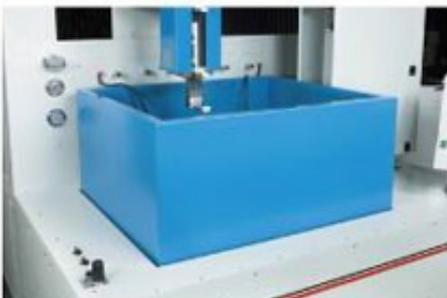
Cutting Tool Water
Center Hole Working

700mm electrode tube Available

OCT-6040CA

FEATURES

- All axes use linear ways.
- Available to equip with 5th or 6th axis machining irregular-shape workpiece.
- Employs industrial grade P.C. with DOS or windows(opt) operation system for powerful control functions and ease operation.
- Make the machine ideal for deep hole machining. Also, ideal for machining higher workpiece.
- Elevating working fluid tank greatly increases convenience for workpiece loading and unloading.
- 5,6 axes machining are available.
- Choice of working fluid: oil or water liquid.



Elevating working fluid tank
Submerge 500mm Available



Advanced Design!
Excellent Performance!

CNC DRILLING EDM CONTROL FUNCTION

MCS

- Make2 setting of parameter

Program Edit

- File 5000 Blocks
- Load, Insert, Delete, Copy, Save.....
- Program simulation
- Point coordinate input function from DXF file
- Wire cut program transfer

Parameter Setting

- Machining condition library
- Parameter list

Manual Function

- Positioning
- Auto edge search
- Auto centering of two points
- Auto centering of two circles
- Jog function (Incremental, Continuous, Non-Protection)

NC Function

- 4 axes closed loop control
- Servo feed control
- Auto electrode change
- Auto guide change
- Auto electrode compensation
- Pitch error compensation
- Interrupt point and start point restart
- Chinese/English conversion
- Inch/Metric conversion
- Emergency stop during machining (Auto detection for emergency condition)
- Selective program execution
- Program machining Start, Hold, Reset
- Subprogram call (Max: 8 layers)
- Modify parameter during machining
- Machining path display
- Work path display
- Machine time record and display
- Software limit protection
- Test run
- Mirror
- Auto error detection
- Axis rotation

Machining Method

- Single hole machining
- Multiple holes machining
- Special modular machining (Circle pattern, rectangle pattern)
- Single block machining, auto machining

Coordinate Display

- Machine coordinates
- Work coordination
- Relative coordinates
- Following error display

G Code

- G00 Fast Positioning
- G04 Hold for Seconds
- G05 No Guard Fast Positioning
- G06 Check Point Set
- G30 Block Skip Cancel
- G31 Block Skip Active
- G38 Condition Table Change
- G53 Machine Coordinate Position
- G80 Edge Searching
- G81 Machine Origin Searching
- G82 Locate Groove Center
- G83 Locate Inner Hole
- G84 Locate Outer Center
- G85 Locate Circular Cylinder Center
- G90 Absolute Coordinate
- G91 Relative Coordinate
- G92 Work Coordinate Point Setting

M Code

- M01 Program Hold
- M02 Program End
- M03 Spindle CW
- M04 Spindle CCW
- M05 Spindle Stop
- M06 Guide Change
- M08 Fluid Supply Start
- M09 Fluid Supply Stop
- M20 Electrode Change
- M36 Machine a Hole
- M98 Call Sub-Program
- M99 Sub-Program End



Anotronic-SKM EDMs
Manual, ZNC, CNC



Anotronic-Ocean
EDM Drilling Machines
Manual, ZNC, CNC



CNC Wire EDM Sub-Contract
On The Latest Technology
Machines



Anotronic Electrochemical
Deburring Machines (ECD)

Perhaps You Did Not Realise How Much

ANOTRONIC™ Has To Offer!



Multi axis CNC Turning

- Full High capacity Machine Shop including fully Automated 5axis cnc Milling,Multi axis CNC Turning,Grinding etc.
- Laser Part marking
- CNC CMM inspection
- Sale of Standard Electric Discharge Machines (Manual, ZNC & CNC) to take components up to 2500mm x 1200mm x 700mm.
- Design, Manufacture & Sale of Electrochemical Deburring Machines (ECM)
- Comprehensive After Sales Service.
- Design, Manufacture & Sales of EDM & ECM Tooling and Electrodes.
- Multi axis CNC EDM & ECM Sub-Contract Service.
- ECM Sub-Contract Service.
- Wire EDM Sub-Contract Service with cutting areas up to 500mm x 320mm x 420mm HIGH.
- EDM small hole drilling Machines and Sub-Contract Service.
- EDM/ECM Consultancy Service.



CNC CMM inspection



Fully Automated 5axis cnc Milling



5axis cnc Milling

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