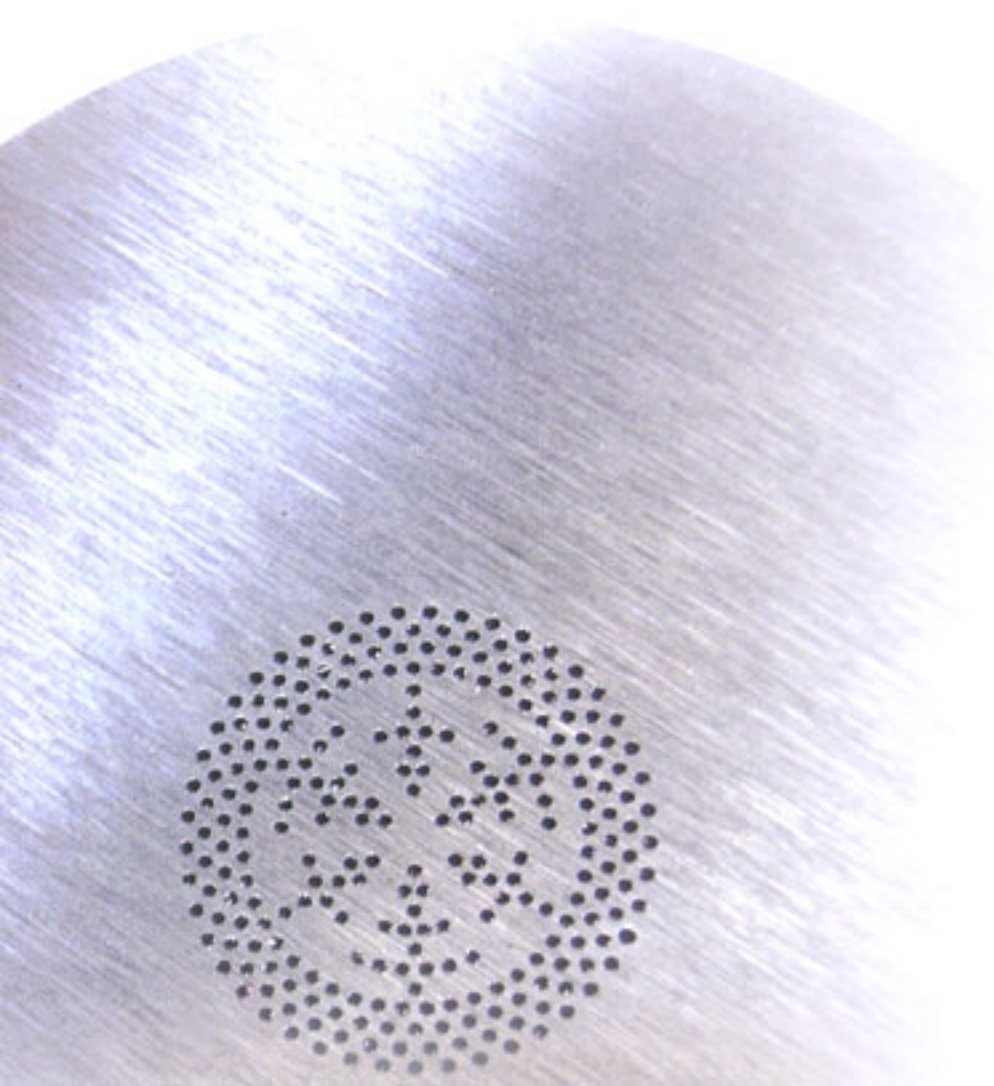


CNC EDM DRILLER MAXIMART

The Leading Name in EDM Drilling



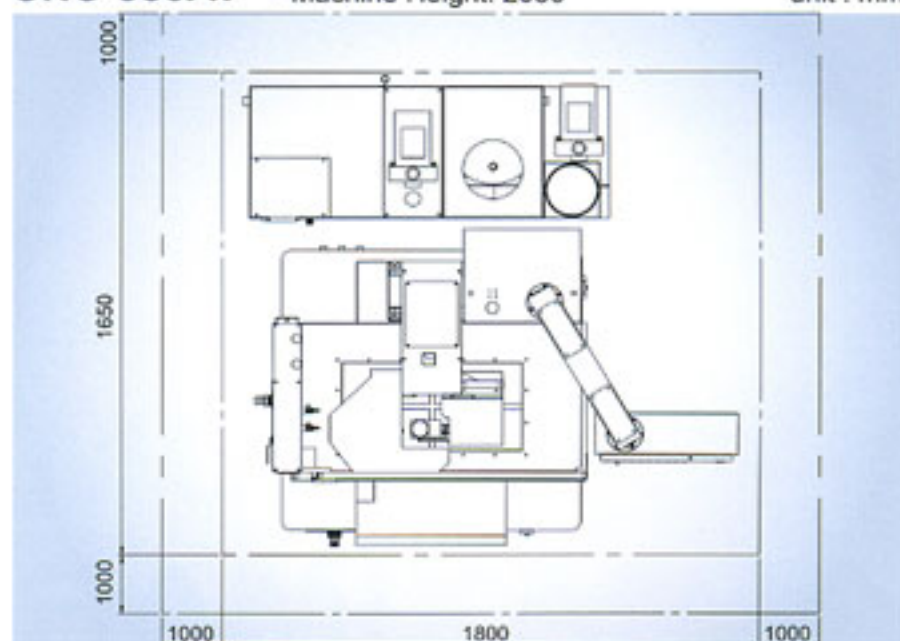
Maximart®

Versatile CNC With Auto-Tool-Change, Greater Efficiency, Better Finishing, Lower Production Cost.

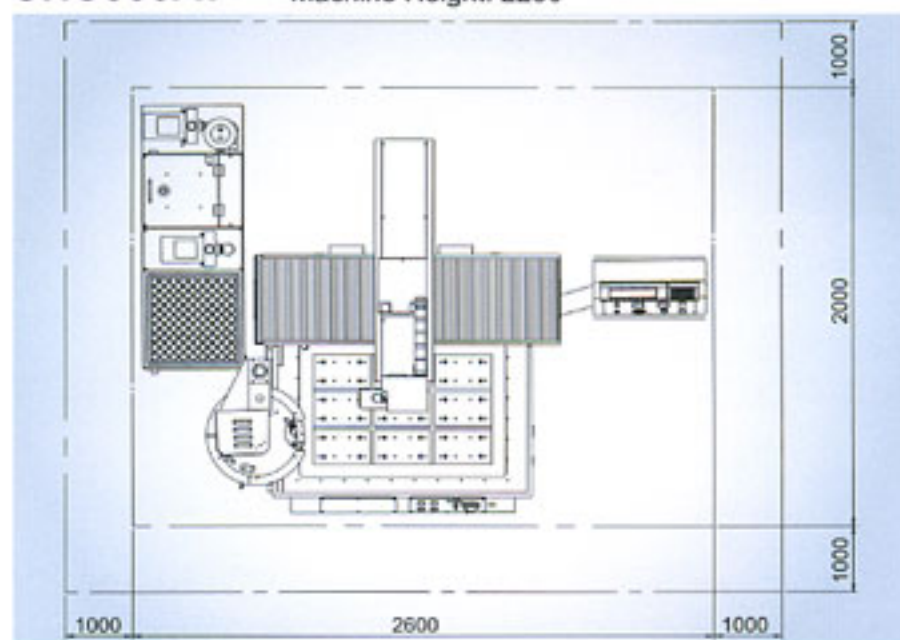


CNC-350AT • Machine Height: 2050

unit : mm



CNC500AT • Machine Height: 2250



CNC EDM DRILL

ITEM	UNIT	CNC-350A	CNC-350AT	CNC-500AT	CNC-600A	CNC-1200AT
ATC	set	----	12	20/30	----	20/30
Work table	mm	600 x 300	600 x 300	800 x 500	800 x 500	1300 x 1100
X / Y axis travel	mm	345 / 245	345 / 245	500 / 400	600 / 400	1200 / 1000
Z+W axis travel	mm	345 + 200	400 + 350	400 + 350	400 + 350	400 + 1000
Electrode guide travel	mm	150	-----	-----	-----	-----
Guide between worktable	mm	5-370	5-360	5-380	5-380	5-1100
Max. workpiece weight	Kgs	300	300	800	800	2500
Max. machining current	A	30	30	30	30	30
Max. power consumption	KVA	4	4	4	4	4
Machine weight	Kgs	950	1000	1600	1500	5500
Machine dimension(LxWxH)	mm	1620 x 1140 x 2325	1620 x 1140 x 2325	2290 x 1850 x 2270	2130 x 1900 x 2157	2350 x 2320 x 3300

* We reserve the right to modify the design and specifications without prior notice.

A = MACHINE WITH W-AXIS TRAVEL ON Z AXIS.

T = MACHINE WITHOUT ATC SYSTEM, STAINLESS-STEEL TABLE

WORKTANK AS WELL AS 200L WATER IONIZATION TREATMENT RESERVOIR.

W= SPECIAL MACHINE FOR SPARKING TUNGSTEN CARBIDE WORKPIECE.

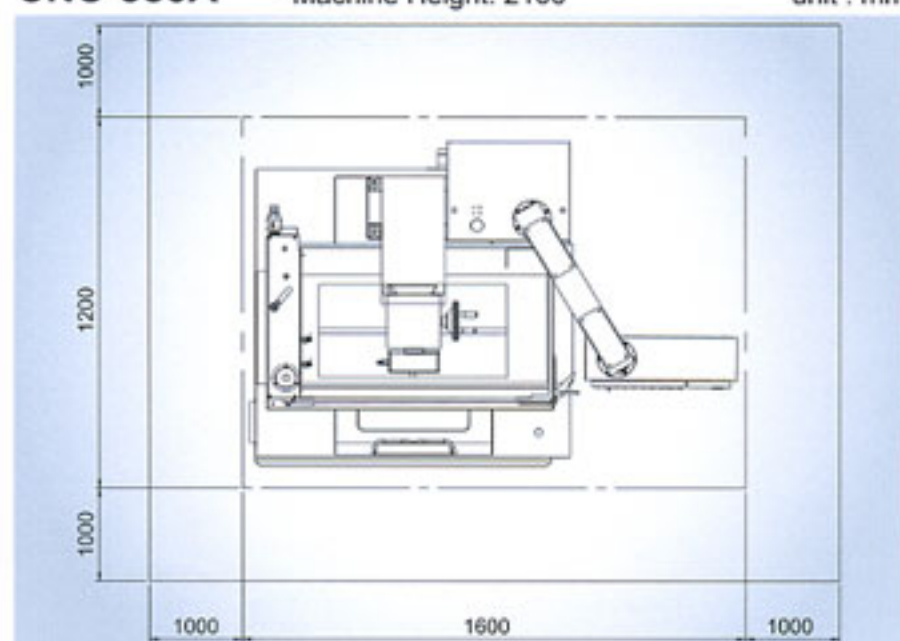
MACHINE TABLE FITTED WITH WORKTANK, ALSO DIELECTRIC OIL

FILTRATION TANK IS STANDARD ACCESSORY.

CNC-350A

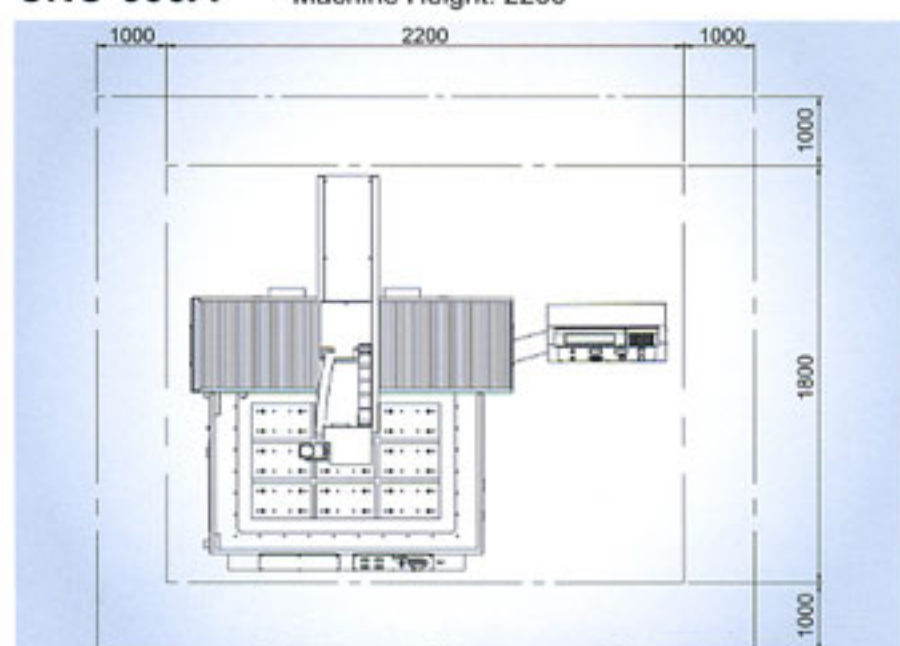
• Machine Height: 2100

unit : mm



CNC-600A

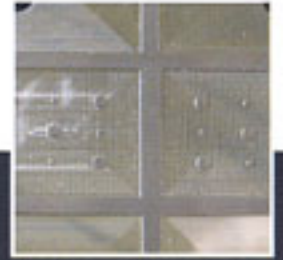
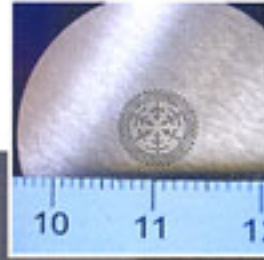
• Machine Height: 2200



STANDARD / OPTIONAL ACCESSORIES:

ITEM	UNIT	CNC-350A	CNC-350AW	CNC-350AT	CNC-500AT	CNC-600A	CNC-1200AT
Tool box	1pc	•	•	•	•	•	•
Levelling pad	1set	•	•	•	•	•	•
Philip's head & flat head screw driver	1pc	•	•	•	•	•	•
Hexagon wrench set	1set	•	•	•	•	•	•
Precise electrode chuck 0.1-3.0mm	1pc	•	•	•	•	•	•
Ceramic guide 1.0mm	1pc	•	•	•	•	•	•
Bronze tube Ø1.0mm x L400mm	20pcs	•	•	•	•	•	•
Rubber chuck	20pcs	•	•	•(ER)	•(ER)	•(ER)	•(ER)
Disposable filter	2pcs	•	•	•	•	•	•
Bucket	2pcs	•	----	----	----	•	----
Quartz lamp	1pc	•	•	•	•	•	•
Parallel working pad	1set	•	•	•	•	•	•
Motor and flush stand	1set	•	•	•	•	•	•
Precise pneumatic chuck	1set	OPTIONAL	OPTIONAL	•	•	•	•
ER precise collet 0.1-6.0mm (7pc)	1set	----	----	•	•	•	•
Tool lock stand	1pc	----	----	•	•	•	•
Tool storage	1pc	----	----	•	•	----	•
Tool chuck set (1/12/20)		----	----	12	20	----	20
Water tank 200L (including water ionization treatment)	1pc	OPTIONAL	----	•	•	OPTIONAL	•
Work tank 200L (including filtration system)	1pc	----	•	----	----	----	----

*Stainless-steel table worktank as standard accessory for all cnc model(except tungsten carbide sparking model).



Advanced CNC Control Powerful Function ! User-friendly Operation !

- Industrial grade PC control combined with window CE operating system.
- CONVERSATIONAL INTERFACE: Self-developed software and conversational interface maximize operating convenience.
- AC servo motor drive assures accurate positioning and stable performance.
- Programs can be transmitted through Ethernet or USB port.
- INTELLIGENT DEPTH OFFSET: Operator simply input the desired machining depth, then the controller will perform operation automatically. It assures each hole will be drilled through.
- By using the circular conversational window and multi-edge search function combined with handwheel controlled micrometric feed, the small hole positioning is quickly and accurately accomplished.
- 8 AXES POSITIONING (OPTIONAL): Upon request, maximum 8 axes positioning are available.
- 5000 HOLES MACHINING: The controller features great programs storing capacity, permitting max. 5000 holes of machining.
- Machining conditions can be stored according to types of workpiece material.
- A wide range of machining parameters let you easily set low consuming parameters for electrode.
- INTELLIGENT AUTO ELECTRODE CHANGE: With the outstanding magazine management system and auxiliary guide, our ATC offers quick and stable electrode change.
- HIGH PRESSURE PUMP: The specially designed high pressure pump provides quick water flush and backflow. The brass electrode pipe stops water instantly without dripping problem.
- Hole machining capacity: 0.1~6.0mm.
- Blind hole machining function.
- Support DXF format convert in NC code.



BT-20 stainless steel arbor assembly.



Electrode presetter.



Tool rest floor-stand.



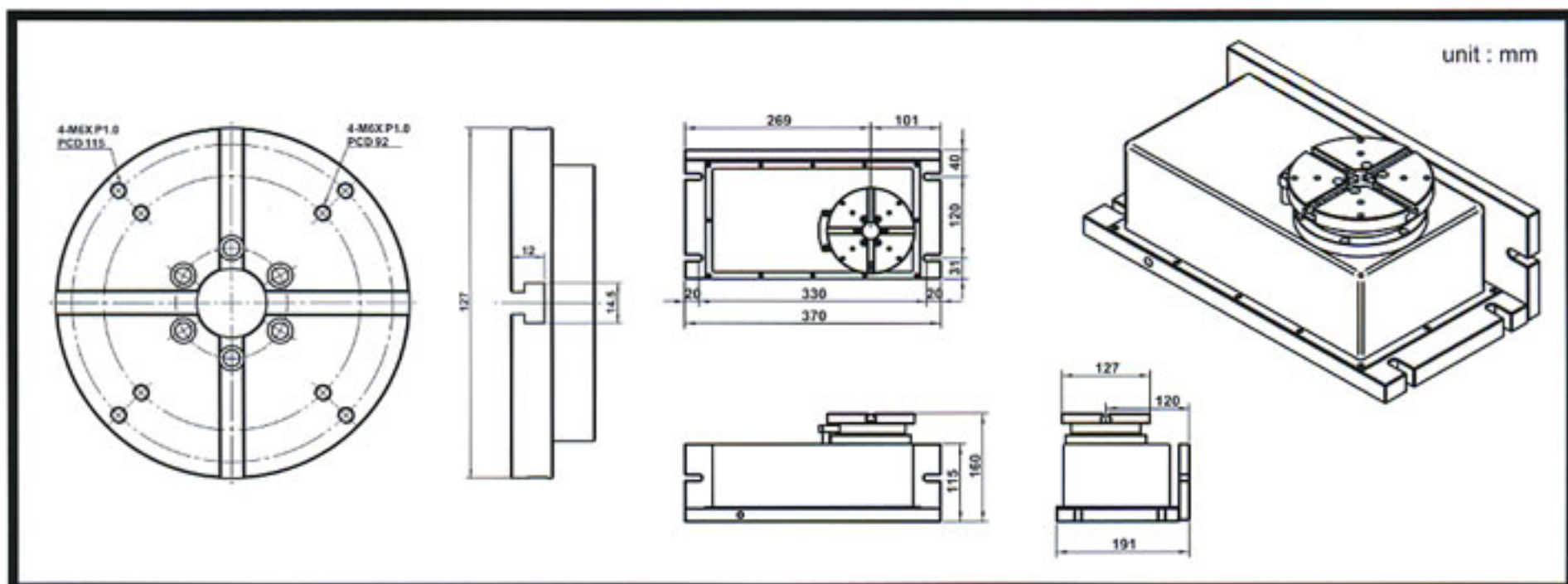
Water ionization treatment tank.



12-Tools auto-tool-change system.



4th axis CNC rotary table. Made of stainless steel.



4th AXIS PACKAGE INCLUDES:

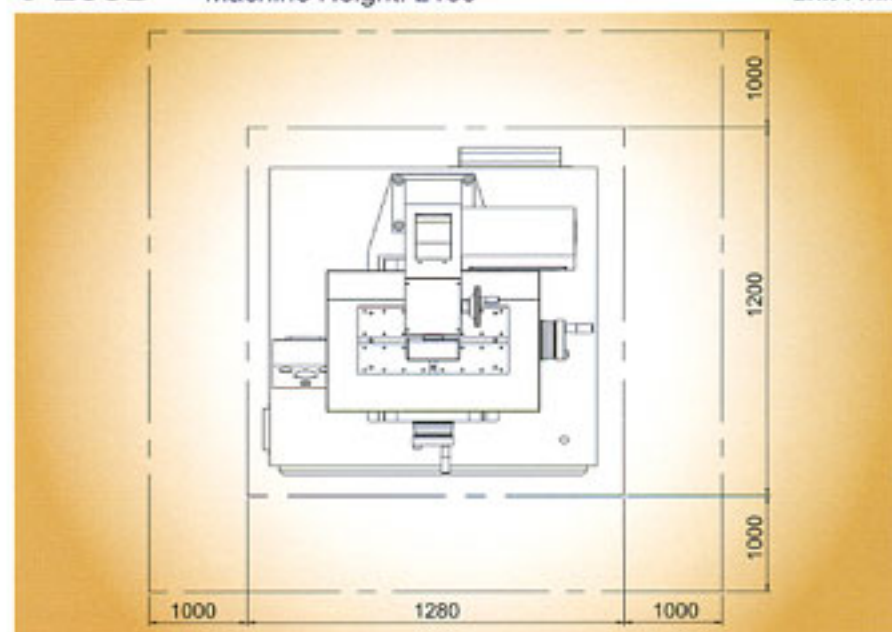
Stainless steel C-axis rotary table + C-axis software + C-axis AC servo motor & driver unit + wiring & connectors.

Fast EDM Drill With 3-axis DRO System, High Precision, Superior Performance, Great Invest Value.

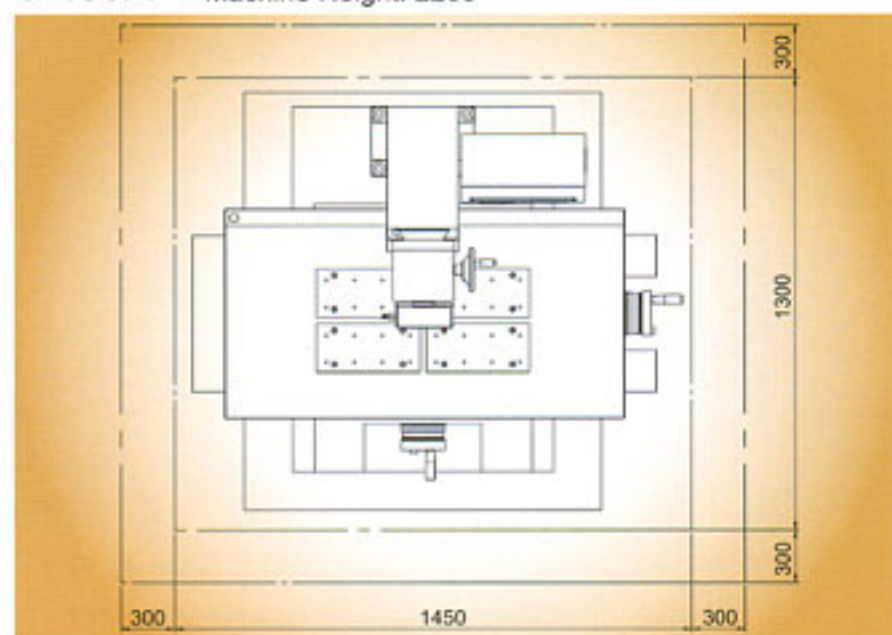


V-200D • Machine Height: 2100

unit : mm



V-450A • Machine Height: 2200



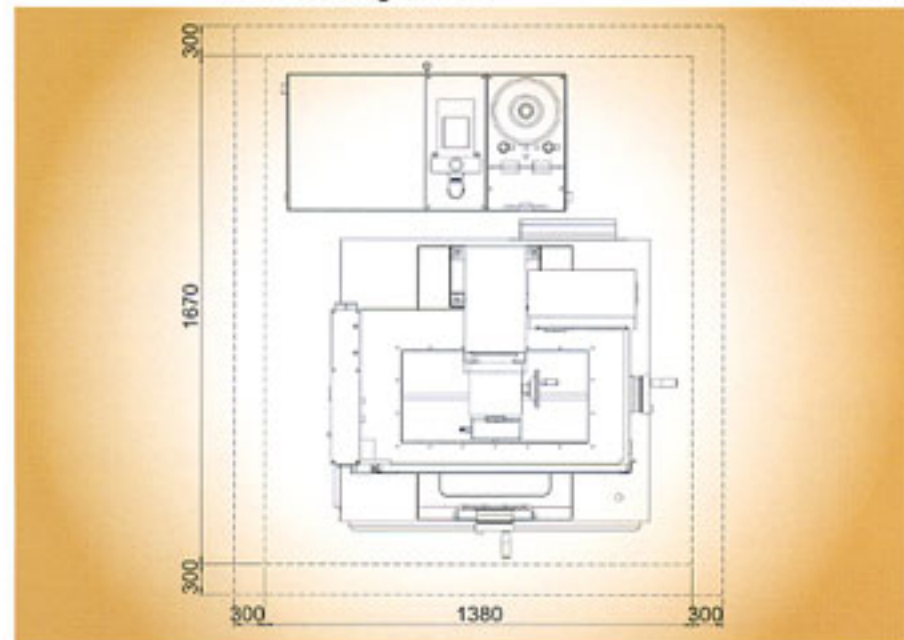
V SERIES EDM DRILL

ITEM	UNIT	V-200D	V-200A	V-350A	V-350W	V-450A	V-550A
Work table	mm	460 x 210	460 x 210	600 x 300	600 x 300	600 x 300	800 x 450
X / Y travel	mm	300 / 200	300 / 200	350 / 250	350 / 250	450 / 350	550 / 400
Z + W axis travel	mm	345	345 + 200	345 + 200	345 + 200	345 + 200	345 + 250
3 axes DRO resolution	mm	0.005	0.005	0.005	0.005	0.005	0.005
Electrode guide travel	mm	150	150	150	150	150	150
Guide between worktable	mm	80-210	5-360	5-370	5-370	5-380	95-495
Max. workpiece weight	Kgs	200	200	400	400	500	800
Max. machining current	A	30	30	30	30	30	30
Max. Power consumption	KVA	4	4	4	4	4	4
Machine weight	Kgs	600	650	800	850	1000	1500
Machine dimension(LxWxH)	mm	1000x1020x2070	1000x1020x2070	1080x1080x2100	1080x1080x2100 + filtration tank	1400x1400x2200	1600x1500x2050 +(500x450x800)

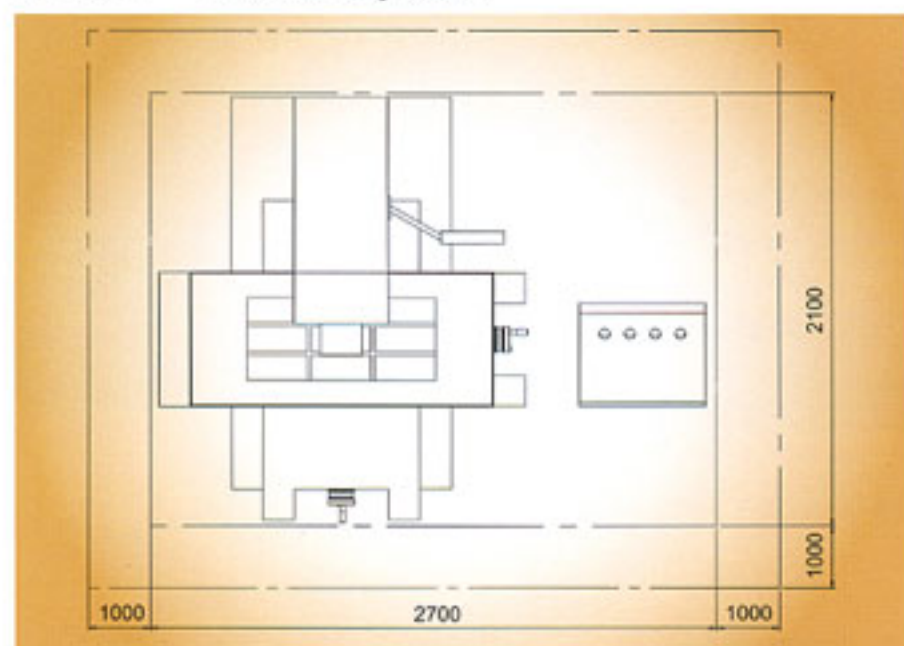
* We reserve the right to modify the design and specifications without prior notice.

A = MACHINE WITH W-AXIS TRAVEL ON Z AXIS.
D = MACHINE WITHOUT EXTRA W-AXIS TRAVEL.
W= SPECIAL MACHINE FOR SPARKING TUNGSTEN CARBIDE WORKPIECE.
 MACHINE TABLE FITTED WITH WORKTANK, ALSO DIELECTRIC OIL FILTRATION TANK IS STANDARD ACCESSORY.

V-350W • Machine Height: 2150 unit : mm



V-550A • Machine Height: 2450



STANDARD ACCESSORIES:

1.	3 axes D.R.O with Z axis depth setting	
2.	Filter	2 pcs
3.	Toolbox with tools	1 set
4.	Ceramic guide 1.0mm	1 pc
5.	Electrode brass tube Ø1.0mm / L400mm	20 pcs
6.	Halogen worklamp	1 pc
7.	Levelling pad	1 set

8.	Electrode holder with handle (0.2~3.0mm)	1 pc
9.	Rubber chuck	20 pcs
10.	Philip's head & flat head screw driver	1 pc
11.	Water bucket	2 pcs
12.	Hexagon screw wrench	1 set
13.	Motor and flush stand	1 set

Outstanding Mechanical Feature and Rigid Structure Design Assures Lifetime Accuracy !

- The column type structure is carefully designed for maximum rigidity and stability, machine accuracy is not affected by workpiece weight.
- X, Y, Z, W-axis are equipped with precision linear ways and ball screws.
- Machine base is positioned, calibrated and offset by Germany Caliper checker for outstanding precision.
- Fixed type tool magazine exhibits stable and quick tool change performance.
- BT-20 stainless steel arbor features high accuracy without water dripping problem.
- The electrode can be rectified by using auxiliary guide along a long distance of machining(Patented).
- With ER collet, you get quick and easy replacement of electrode.
- Upon request, special working fluid available to achieve faster discharge performance and protect electrode from having sharpened head.



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