

WT355 -WT455 -WT655 (WIRE CUT EDM)

- A. FLUSHING TYPE WORK TANK DESIGN.
- B. NON-ELECTROLYSIS AC POWER SYSTEM.
- C. AC POWER / DC POWER SWITCHABLE.
- D. CLOSED LOOP, OFFERS HIGHER ACCURACY.
- E. SEMI-AUTO A.W.F. DESIGN.
- F. DIALOGUE SOFTWARE PROVIDES EASIER OPERATION.



JOEMARS MACHINERY & ELECTRIC INDUSTRIAL CO., LTD.

No. 66, Lane 124, Sec1, Youyuan Road, Tatu Hsiang, Taichung Hsien, Taiwan, 432

TEL : +886-4-26917566 FAX : +886-4-26917555

<http://www.joemars.com.tw> E-mail : joemars@ms11.hinet.net

MACHINE UNIT :

ITEM		WT355	WT455	WT655
Max. workpiece dimension (WxDxH)	mm.	850x560x205	900x650x245	1100x800x345
Max. workpiece weight	kgs.	400	550	850
X Travel	mm.	350	450	650
Y Travel	mm.	250	300	400
Z Travel	mm.	210	250	350
U Travel	mm.	80	100	100
V Travel	mm.	80	100	100
Drive system		AC servo motor	AC servo motor	AC servo motor
Wire diameter		∅ 0.15 ~ 0.30 (Standard) ∅ 0.10 (Optional)	∅ 0.15 ~ 0.30 (Standard)	∅ 0.15 ~ 0.30 (Standard)
Max. tape angle	mm.	± 24° / 80 mm.	± 24° / 80 mm.	± 24° / 80 mm.
Outside dimension (WxDxH)	mm.	1975x2290x2110	2090x2575x2200	2335x2930x2450
Machine net weight	kgs.	2000	2100	2700

FILTRATION SYSTEM :

ITEM		WT355	WT455	WT655
Filter system capacity	L	320	350	450
Filter element		Paper filter	Paper filter	Paper filter
Ion exchange resin capacity	L	6.8	6.8	6.8
Water quality control		Auto	Auto	Auto
Water temperature control		Auto	Auto	Auto

CNC UNIT :

Controller device	Industrial grade Pentium 2 IPC
Memory device	64MB ROM
Screen display	12.1" 800x600 Color TFT LCD
Input means	Keyboard, RS232, 3.5" Floppy Disk, CF Card
Service control means	Fully-closed circuit AC servo control
No. of control means	6 axes
Instruction value	0.001 mm.
Max. instruction value	9999.999 mm.
Interpolation functions	Linear / Circular
Positioning command format	Incremental / Absolute
Wire diameter compensation	± 99.999 mm.
Pattern rotation	0 ~ 360°
Processing condition	9999 sets

* All specification and design are subject to change without notices.

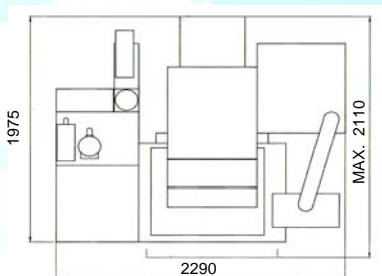
PROCESSING POWER SUPPLY :

Discharge power supply	AC / DC MOSFET
Surface roughness	Ra 0.3 ~ 0.4 um Ra
Intelligent ignition power supply	Ultra-thin , thick plate
Max. cutting speed	250 mm ² / ∅0.25 mm straight line cutting
Electricity required	3 Phase, 220V / 380V, 25A , 18 KVA

STANDARD ACCESSORIES :

1. Automatic vertical alignment jig 1 Set
2. Filter element 2 Pcs
3. Tool kit 1 Set
4. Wire guide ∅0.25 mm. 1 Set
5. Brass wire ∅0.25 mm. 1 Set
6. Ion exchange resin 1 Set

MACHINE LAYOUT DIMENSION :



WT355

OPTIONAL ACCESSORIES :

1. Tension meter
2. Wire guide (∅0.15 mm , 0.20 mm , 0.30 mm.)
3. Dielectric cooling unit
4. Consumable parts (Wire, Flushing nozzles Etc.)
5. Super fine circuit
6. Others upon request



WT455



WT655



Joemars Headquarter