



CE **EMC** **ISO 9001**
CERTIFIED Stand. Of Excellence CERTIFIED WINNER CERTIFIED

CNC DRILLING EDM



Model:
DNC 540T

JOEMARS MACHINERY & ELECTRIC INDUSTRIAL CO., LTD.

FEATURES

- Use Industrial grade PC controller, windows CE system
- Use AC servo motor, ballscrew for stable positioning accuracy
- Programming by dialogued writing, easier operation.
- USB application for network connection
- Background edit function: Another program can be edited when making a machining.
- CF card is used for saving programs, every program can drill maximum up to 5000 holes.
- Maximum 8 axes can be programmed, move simultaneously.
- Travel moving can be operated by hand wheel (manually) or by NC Servo moving.
- Coordinate moving, mirror rotating features.
- Drawing type dialogue: Such as X / Y axis center finding, corner finding, hole center finding, and angle settings.
- Machining parameters can be saved according to the work piece material.
- Machining parameter includes: Voltage, current, on time, off time, capacitor, sparking gap, servo sensibility.
- Intelligent depth compensation feature: Only input machining depth, the controller can run automatically.
- Blind hole machining.
- Auto electrode changing system (ATC), electrodes are changed automatically when one runs out.
- ATC (electrode changing system) status can be read from the monitor.
- W axis height safe setting, anti-hitting protection.
- MOSFET sparking circuit, suitable for all kinds of tungsten carbide, hardened alloy material, powder alloy hard material drillings.
- Machining diameter from 0.3 mm ~ 3.0 mm, ball shape and inclined angle machining.
- High pressure pump design, water offers quickly, equipped with pressure release system the water can be reversed without dropping.

MACHINE SPECIFICATIONS

ITEM	UNIT	DNC 350	DNC 350S	DNC 540T	DNC 640
Work table	mm/inch	600x300 / 23.6x11.9	600x300 / 23.6x11.9	800x500 / 31.5x2.0	800x500 / 31.5x2.0
X axis travel	mm/inch	350 / 13.8	350 / 13.8	500 / 20	600 / 24
Y axis travel	mm/inch	250 / 9.8	250 / 9.8	400 / 16	400 / 16
Spindle servo travel (Z1)	mm/inch	345 / 13.6	345 / 13.6	400 / 16	400 / 16
W axis travel (Z2)	mm/inch	200 / 7.9	200 / 7.9	350 / 14	350 / 14
Electrode guide travel Z3	mm/inch	150 / 5.9	150 / 5.9	-	-
Working fluid tank capacity	L	225	225	225	225
Max. workpiece weight	KGS	300	300	800	800
Machine weight (Net)	KGS	950	980	2000	2000
Power source	V	220 / 380 / 440	220 / 380 / 440	220 / 380 / 440	220 / 380 / 440
Max. power consumption	KVA	4	4	4	4
Max. machining current	A	30	30	30	30
Machine dimension	mm	1400x1260x2325	1400x1260x2325	1860x2120x2300	1860x2120x2300

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

STANDARD ACCESSORIES

ITEM	
Filter	1 set
Ceramic guide Ø1.0mm	1 pcs
Electrode tube Ø1.0mm	10 pc
Electrode holder (Ø0.3 ~ 3.0 mm)	1 pc
Tool box	1 pc
Work lamp	1 pc
Clamping kit	1 set

OPTIONAL ACCESSORIES

ITEM
Ceramic guide
Electrode tube (brass / copper)
ER type collect set (for holes from 0.3 ~ 6.0 mm application)
X, Y axis linear scale



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