



SMARTe, WISE TECHNOLOGY

聪明e世代 · 智慧新科技

DRILLING EDM



CNC-D4060

CNC CONTROL FEATURE

- Program editing by dialogue drawing; the multi-edge searching function makes the micro-hole position setting faster and more precision with the hand wheel micro-feed.
- Intelligence depth compensation function, just input the machining depth, and then the controller can set automatically the depth.
- Special high-pressure pump offers and receives the water with high-speed, and prevents the drop from the electrode pipe when drilling.
- Intelligence ATC, the tool management system makes the tool changing faster and more stable. (CNC-T series only)
- AC servomotor and ball screw stabilize the orientation precision.
- Industrial PC controller and WINDOW CE system.
- The saved program pf control can drill (maxi.) 5000 holes.
- The transmission interface of program with USB for internet connecting.
- Drilling parameters can be saved according to the material of work piece.
- The diameter of machining can be $\varnothing 0.1 \sim 6.0\text{mm}$. (Precision chuck: $\varnothing 0.2 \sim 3.0\text{mm}$ / option: $\varnothing 0.1\text{mm}$)
- It can do the orientation with (Maxi.) 8 axes. (Option)
- Blind-hole drilling function.

MECHANICAL FEATURE

- High rigidity structure stabilizes the machine precision.
- Adopt the linear guide way and ball screw for X / Y / Z1 / Z2 axis. (CNC-D4060 and CNC-D4050T only)
- Machine body is scanned and compensated with the "CHECK MATER" of Germany.
- Fixed tool system design makes the tool chaining faster and more stable. (CNC-T series only)
- Adopt the tool of BT-20 ensures the precision and prevent the drop.
- Patent pipe design helps to adjust the guide prevent the curve when long machining.
- ER chuck makes the pipe replacing faster (Excluding the CNC-D2535)

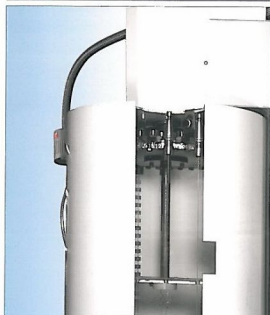


CNC-D4060



CNC-D2535

ATC SYSTEM



DRILLING EDM

CONTROL PANEL

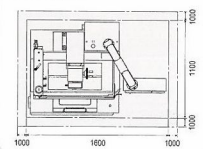
Program editing by dialogue drawing; intelligence depth compensation function, just input the machining depth, and then the controller can set automatically the depth.



FLOOR LAYOUT LAYOUT

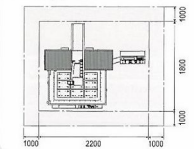
CNC-D2535

Altitudinal(H):2100



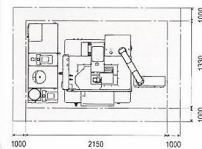
CNC-D4060

Altitudinal(H):2200



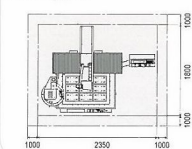
CNC-D2535T

Altitudinal(H):2050



CNC-D4050T

Altitudinal(H):2250



SPECIFICATION

MODEL	CNC-D2535	CNC-D4060	CNC-D2535T	CNC-D4050T
X/Y AXIS TRAVEL	345 x 245 mm (13.6" x 9.6")	600 x 400 mm (23.6" x 15.7")	345 x 245 mm (13.6" x 9.6")	500 x 400 mm (19.7" x 15.7")
Z1/Z2 AXIS TRAVEL	345 x 200 mm (13.6" x 7.8")	400 x 330 mm (15.7" x 13")	400 x 330 mm (15.7" x 13")	400 x 330 mm (15.7" x 13")
WORK TABLE	600 x 300 mm (23.6" x 11.9")	800 x 500 mm (31.5" x 19.7")	600 x 300 mm (23.6" x 11.9")	800 x 500 mm (31.5" x 19.7")
ELECTRODE GUIDE TRAVEL	150 mm (5.9")	----	---	----
HEIGHT FROM THE WORK TABLE TO GUIDE BOARD	5-370 mm	5-380 mm	5-360 mm	5-380 mm
MAX. WORKPIECE WEIGHT	300 kgs	800 kgs	300 kgs	800 kgs
MACHINER WEIGHT (NET)	950 kgs	2000 kgs	1000 kgs	2200 kgs
MACHINE DIM (LxWxH)	1620 x 1140 x 2325 mm (63.8" x 44.9" x 91.5")	2130 x 1900 x 2157 mm (83.9" x 74.8" x 84.9")	1620 x 1140 x 2325 mm (63.8" x 44.9" x 91.5")	2290 x 1850 x 2270 mm (90" x 72.8" x 89.4")
MAX. MACHINEING CURRENT	30 A			
MAX. POWER CONSUMPTION	4 KVA			
INPUT VOLTAGE	220 / 380 / 415 / 440V			

ACCESSORIES

DESCRIPTION	QNTY	CNC-D2535	CNC-D4060	CNC-D2535T	CNC-D4050T	DESCRIPTION	QNTY	CNC-D2535	CNC-D4060	CNC-D2535T	CNC-D4050T
TOOL BOX	1 SET	V	V	V	V	LEVEL BASE	1 SET	V	V	V	V
GUIDE Ø1.0mm	1 PC	V	V	V	V	WATER BOTTLE 30L	1 PC	V	V	---	---
ELECTRODE PIPE Ø1.0mmx400	10 PCS	V	V	V	V	PRECISION CHUCK Ø0.2-3.0mm	1 PC	V	---	---	---
NC SOFTWARE (CONNECT TO THE WEDM CAM)	1 PC	V	V	V	V	ER CHUCK	1 PC	(OPTION)	V	V	V
RUBBER CHUCK Ø1.0mm	10 PCS	V	V	V	V	ER HOLDER Ø0-6.0mm	1 SET	(OPTION)	V	V	V
FILTER	2 PCS	V	V	V	V	TOOL LOCK CARRIER	1 SET	---	V	V	V
HALOGEN WORK LAMP	1 SET	V	V	V	V	ATC (1/12/20T)	1 SET	---	1T	12T	20T
CLAMPING TOOL	2 PCS	V	V	V	V	TOOL SETTING CARRIER	1 SET	---	---	V	V
MOTOR & WATER NOZZLE SEAT	1 PC	V	V	V	V	WATER TANK 200L	1 SET	(OPTION)	(OPTION)	V	V
						PRECISION DRILL SYTEM Ø0.1mm	1 SET	(OPTION)	(OPTION)	(OPTION)	(OPTION)

ACRA. AD Series DRILLING EDM

FEATURES

- The high pressure type working fluid delivery motor features automatic pressure release when job is finished.
- The spindle feed is driven by the servomotor for fast motion and high accuracy positioning.
- The machine provides great drilling capacity from 0.2mm to 3.0mm (0.007 to 0.118) in diameter. The ratio of machining depth to hole reaches 200:1.
- The machine is suited for curved, spherical, and irregular parts.
- Time preset for simple and easy operation during multi-hole drilling.
- Distilled water can be used as the dielectric fluid, saving cost and conventional dielectric fluid disposal issues.
- The machine can use brass or copper electrode with minimum electrode wear ratio.
- The machine is suited for drilling wire cut starting holes or other holes on the mold.



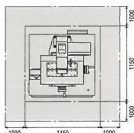
AD-20



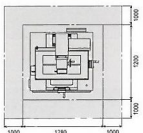
AD-30

FLOOR LAYOUT LAYOUT

AD-20
Altitudinal
(H):2100



AD-30
Altitudinal
(H):2100



CONTROL PANEL



SPECIFICATION

MODEL	AD-20	AD-30
X/Y AXIS TRAVEL	300 x 200 mm (11.8" x 7.9")	350 x 250 mm (13.8" x 9.8")
Z1/Z2 AXIS TRAVEL	345 mm (13.6")	345 / 200 mm (13.6" / 7.9")
WORK TABLE	480 x 210 mm (18.9" x 8.3")	600 x 300 mm (23.6" x 11.8")
X/Y/Z AXIS DRO RESOLUTION	0.005 mm (0.000196")	0.005 mm (0.000196")
ELECTRODE GUIDE TRAVEL	150 mm (5.9")	150 mm (5.9")
HEIGHT OF WORK TABLE TO GUIDE	80~210 mm (3.1"~8.3")	5~370 mm (0.2" ~ 14.6")
MAX. WORKPIECE WEIGHT	200 kgs	400 kgs
MACHINE WEIGHT (N.W)	600 kgs	800 kgs
MACHINE DIM (L x W x H)	1000 x 1020 x 2070 mm (39.4" x 40.2" x 81.5")	1080 x 1080 x 2100 mm (42.5" x 4.5" x 82.7")
MAX. MACHINING CURRENT	30 A	
MAX. POWER CONSUMPTION	4 KVA	
INPUT VOLTAGE	220 / 380 / 415 / 440 V	

ACCESSORIES

DESCRIPTION	QNT'Y	AD-20 AD-30
PRECISION CHUCK Ø0.2~3.0mm	1 PC	V
BRASS PIPE Ø1.0mm x 400L	10 PCS	V
GUIDE Ø1.0mm	1 PC	V
CLAMPING TOOL	1 SET	V
FILTER	2 PCS	V
LEVEL BASE	1 SET	V
RUBBER CHUCK	10 PCS	V
WATER TANK 30L	1 PC	V
HALOGEN WORK LAMP	1 SET	V
TOOL BOX	1 SET	V
ER CHUCK	1 PC	(OPTION)
ER HOLDER Ø0~6.0mm	1 SET	(OPTION)

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