

C-tek CNC High Speed Wire Cut EDM Series

Item	DK7735A	DK7745A	DK7750A	DK7763A
Worktable stroke(X,Y)	350×450mm	450×550/630mm	500×630/800mm	630×800/1000mm
Worktable size (W×D)	650×450mm	830×570mm	1160×780mm	1160×780mm
The oil tank size (W*D*H)	780×480×400mm	1000×680×400mm	1260×820×480mm	1260×820×480mm
Travel U、V	60×60mm	60×60mm	60×60mm	60×60mm
Max. Cutting Angle	6°/100mm	6°/100mm	6°/100mm	6°/100mm
Travel Z	400mm	400mm	500mm	500mm
Max. cutting thickness	450mm	450mm	500mm	500mm
Max. workpiece weight	450kg	550kg	1000kg	1000kg
Max. workpiece dimension	680×550×400/400mm	680×550×400/400mm	1020×680×400/500mm	1020×680×400/500mm
Wire Speed	3-11m/s	3-11m/s	3-11m/s	3-11m/s
Diameter of wire	0.16 ~ 0.22mm	0.16 ~ 0.22mm	0.16 ~ 0.22mm	0.16 ~ 0.22mm
Wire tension	10-30N	10-30N	10-30N	10-30N
Positioning accuracy	0.02/300mm	0.02/300mm	0.02/300mm	0.02/300mm
Repeatable accuracy	±0.01mm	±0.01mm	±0.01mm	±0.01mm
Precision machining	0.015mm	0.015mm	0.015mm	0.015mm
Machine dimension (W×D×H)	1450×1250×1700mm	1650×1350×1700mm	1950×1900mm×2100mm	1950×1900mm×2100mm
Machine weight	1550Kg	1850Kg	2850Kg	2850Kg
Working liquid box dimension	38L/500×350×220mm	38L/500×350×220mm	38L/500×350×220mm	38L/500×350×220mm
Working Methode	Filtration System	Filtration System	Filtration System	Filtration System
Filter accuracy	0.01mm	0.01mm	0.01mm	0.01mm
Working liquid	Water-Soluble WEDM Concentrate			
Control box dimension	580x580x1450mm	580x580x1450mm	580x580x1450mm	580x580x1450mm
Control box weight	45kg	45kg	45kg	45kg
Standard	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz
Max. Cutting Current	10A	10A	10A	10A
Max cutting speed	≥300mm ² /min	≥300mm ² /min	≥300mm ² /min	≥300mm ² /min
Best Surface Finish	Ra≤2.5μm	Ra≤2.5μm	Ra≤2.5μm	Ra≤2.5μm
CNC Control system	X8	X8	X8	X8
Drawing	X8	X8	X8	X8
Hardware Configurations	Asus computer, LED display, stepping motor to out the motor.			
Control method and axis	5-axis control and 4 axis simultaneous program with, pitch compensation realized.			
Single pulse advancing accuracy	0.001mm	0.001mm	0.001mm	0.001mm
Data Port	USB, LAN	USB, LAN	USB, LAN	USB, LAN
Programming Code	3B/G code	3B/G code	3B/G code	3B/G code
Menu Language	Chinese/English	Chinese/English	Chinese/English	Chinese/English
Dimension	Metric/Inch	Metric/Inch	Metric/Inch	Metric/Inch
Power	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ
Working temperature	10-35°C	10-35°C	10-35°C	10-35°C
Consumption	1.5KVA	1.5KVA	1.5KVA	1.5KVA



DK7735A/DK7745/DK7750/DK7763

Standard accessories

- 1 set regulating wheel assembly
- 1 set water supply system
- 1 set horizontal adjusting screws for machine tool
- 1 set working fixtures
- 1 set silk drum handle handles
- 1 set manual tightening screw wheel
- 1 set phillips screwdriver
- 1 set inner hexagon wrench
- 1 set open spanner
- 1 set Molybdenum wire 2000m/dish
- 1 set emulsifying ointment 2kg
- 1 set operating manual

C-tek Wire cutting machine /Driven by step motor series

ITEM	CW-450AM	CW-540AM	CW-650AM	CW-860AM
Worktable stroke(X,Y)	450×350mm	550×450mm	650×500mm	800×600mm
Worktable size (W×D)	750×550mm	820×580mm	1020×680mm	1220×780mm
The oil tank size (W*D*H)	880×680×450mm	980×720×450mm	1020×720×450mm	1300×900×450mm
Travel U、 V	60×60mm	60×60mm	60×60mm	60×60mm
Max. Cutting Angle	6°/100mm	6°/100mm	6°/100mm	6°/100mm
Travel Z	380mm	380mm	380/480mm	380/480mm
Max. cutting thickness	400mm	400mm	400/500mm	400/500mm
Max. workpiece weight	500kg	650kg	800kg	1000kg
Max. workpiece dimension	680×420×400mm	750×500×400mm	880×580×400/500mm	1020×680×400/500mm
Wire Speed	1.18-11.18m/s	1.18-11.18m/s	1.18-11.18m/s	1.18-11.18m/s
Diameter of wire	0.16 ~ 0.22mm	0.16 ~ 0.22mm	0.16 ~ 0.22mm	0.16 ~ 0.22mm
Wire tension	10-30N	10-30N	10-30N	10-30N
Positioning accuracy	0.02/300mm	0.02/300mm	0.02/300mm	0.02/300mm
Repeatable accuracy	±0.005mm	±0.005mm	±0.005mm	±0.005mm
Precision machining	0.01mm (SKD11 or Gr12, 20x20x20mm)			
Machine dimension (W*D*H)	1550*1250*1750mm	1650×1350×1750mm	1750×1520×1900mm	1860×1650×2000mm
Machine weight	1650Kg	1850Kg	2500Kg	3250Kg
Working liquid box dimension	80L/550×455×320mm	80L/550×455×320mm	80L/550×455×320mm	130L/870×470×320mm
Working Methode	Filtration System	Filtration System	Filtration System	Filtration System
Filter accuracy	0.01mm	0.01mm	0.01mm	0.01mm
Working liquid	Water-Soluble WEDM Concentrate			
Control box dimension	580x580x1860mm	580x580x1860mm	580x580x1860mm	580x580x1860mm
Control box weight	120kg	120kg	120kg	120kg
Standard	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz
Max. Cutting Current	10A	10A	10A	10A
Max cutting speed	≥300mm ² /min	≥300mm ² /min	≥300mm ² /min	≥300mm ² /min
Best Surface Finish	Ra≤1.0μm	Ra≤1.0μm	Ra≤1.0μm	Ra≤1.0μm
CNC Control system	X8	X8	X8	X8
Drawing	X8	X8	X8	X8
Hardware Configurations	Asus computer, LED display, stepping motor to out the motor.			
Control method and axis	5-axis control and 4 axis simultaneous program with, pitch compensation realized.			
Single pulse advancing accuracy	0.001mm	0.001mm	0.001mm	0.001mm
Data Port	USB, LAN	USB, LAN	USB, LAN	USB, LAN
Programming Code	3B/G code	3B/G code	3B/G code	3B/G code
Menu Language	Chinese/English	Chinese/English	Chinese/English	Chinese/English
Dimension	Metric/Inch	Metric/Inch	Metric/Inch	Metric/Inch
Power	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ
Working temperature	10-35℃	10-35℃	10-35℃	10-35℃
Consumption	1.5KVA	1.5KVA	1.5KVA	1.5KVA



CW450AM/CW540AM/CW650AM/CW860AM

Standard accessories

- 1 set regulating wheel assembly
- 1 set water supply system
- 1 set horizontal adjusting screws for machine tool
- 1 set working fixtures
- 1 set silk drum handle handles
- 1 set manual tightening screw wheel
- 1 set phillips screwdriver
- 1 set inner hexagon wrench
- 1 set open spanner
- 1 set Molybdenum wire 2000m/dish
- 1 set emulsifying ointment 2kg
- 1 set operating manual

C-tek Wire cutting machine / Driven by AC Servo motor series

Item	CW-450AC	CW-540AC	CW-650AC	CW-860AC
Worktable stroke(X,Y)	450×350mm	500×400mm	600×500mm	800×600mm
Worktable size (W×D)	720×520mm	800×560mm	920×680mm	1120×780mm
The oil tank size (W*D*H)	860×630×450mm	1010×700×450mm	1150×830×450mm	1350×920×450mm
Travel U、V	60×60mm	60×60mm	60×60mm	60×60mm
Max. Cutting Angle	6°/100mm	6°/100mm	6°/100mm	6°/100mm
Travel Z	280mm	280mm	280mm	280/380/480mm
Max. cutting thickness	300mm	300mm	300mm	300/400/500mm
Max. workpiece weight	500kg	800kg	1000kg	1500kg
Max. workpiece dimension	700×450×300mm	750×500×300mm	850×580×300mm	1050×650×300/400/500mm
Wire Speed	1.18-11.18m/s	1.18-11.18m/s	1.18-11.18m/s	1.18-11.18m/s
Diameter of wire	0.16 ~ 0.22mm	0.16 ~ 0.22mm	0.16 ~ 0.22mm	0.16 ~ 0.22mm
Wire tension	10-30N	10-30N	10-30N	10-30N
Positioning accuracy	0.02/300mm	0.02/300mm	0.02/300mm	0.02/300mm
Repeatable accuracy	±0.005mm	±0.005mm	±0.005mm	±0.005mm
Precision machining	±0.005mm (SKD11 or Gr12, 20x20x20mm)			
Machine dimension (W×D×H)	1650×1350×2000mm	1850×1550mm×2100mm	1950×1650mm×2100mm	2150×1850×2200mm
Machine weight	1850Kg	2250Kg	2850Kg	3850Kg
Working liquid box dimension	80L/550×455×320mm	130L/870×470×320mm	130L/870×470×320mm	130L/870×470×320mm
Working Methode	Filtration System	Filtration System	Filtration System	Filtration System
Filter accuracy	0.01mm	0.01mm	0.01mm	0.01mm
Working liquid	Water-Soluble WEDM Concentrate			
Control box dimension	580x580x1860mm	580x580x1860mm	580x580x1860mm	580x580x1860mm
Control box weight	60kg	140kg	140kg	120kg
Standard	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz	3×380V ±10% ,50/60Hz
Max. Cutting Current	10A	10A	10A	10A
Max cutting speed	≥300mm ² /min	≥300mm ² /min	≥300mm ² /min	≥300mm ² /min
Best Surface Finish	Ra≤0.8μm	Ra≤0.8μm	Ra≤0.8μm	Ra≤0.8μm
CNC Control system	Autocut	Autocut	Autocut	Autocut
Drawing	NCCAD	NCCAD	NCCAD	NCCAD
Hardware Configurations	Asus computer, LED display, Yaskawa AC servo driver system			
Control method and axis	5-axis control and 4 axis simultaneous program with, pitch compensation realized.			
Single pulse advancing accuracy	0.001mm	0.001mm	0.001mm	0.001mm
Data Port	USB, LAN	USB, LAN	USB, LAN	USB, LAN
Programming Code	3B/ ISO/G code	3B/ ISO/G code	3B/ ISO/G code	3B/ ISO/G code
Menu Language	Chinese/English	Chinese/English	Chinese/English	Chinese/English
Dimension	Metric/Inch	Metric/Inch	Metric/Inch	Metric/Inch
Power	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ	3-380V±10% 50±1HZ
Working temperature	10-35°C	10-35°C	10-35°C	10-35°C
Consumption	1.5KVA	1.5KVA	1.5KVA	1.5KVA



Standard accessories

- 1 set regulating wheel assembly
- 1 set water supply system
- 1 set horizontal adjusting screws for machine tool
- 1 set working fixtures
- 1 set silk drum handle handles
- 1 set manual tightening screw wheel
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- 1 set emulsifying ointment 2kg
- 1 set operating manual

CW450AC/CW540AC/CW650AC/CW860AC