



MS POWERDRIVE PVT LTD

Perfect EDM Solution

JS - WIRE CUT EDM MACHINE



JS – WEDM Wi-30E



JS – WEDM Wi-1065SA

Main Feature

- Max. Work Piece Size L x W x H (mm) : 400 x 400 x 140 mm
- Max. Work Piece weight : 50Kgs
- Drive & Servo (Mitsubishi) : 5 Axes AC Servo
- X/Y Axis Travel (Liner Servo System) : 150/240 mm
- Max. Tapper Angle : $\pm 12^\circ$ (50 mm)
- X, Y Axis With HEIDENHAIN Liner Scale (Measurement Resolution) : 0.5 μ m
- Best Surface Roughens (Ra) : <0.1 μ m
- Automatic Wire-Threading System (Submerge Type) : Standard
- Z Axis Travel : 150mm
- U/V Axis Travel : 35 /35mm
- Wire Diameter : ϕ 0.05 ~ 0.2mm
- Machine Weight : 3,500 Kgs

Standard Accessories

- Automatic Vertical alignment Jig: 1 Set
- Power Feed Contact : 2 Pcs
- Filter : 2 Pcs
- Clamping Tool : 1 Set
- Wire Guide (ϕ 0.25mm): 1 Set
- Brass Wire (ϕ 0.25mm): 1 Roll
- Ion Exchange Resin (5L): 1 Pc
- Tool Box: 1 Set

Optional Accessories

- Wire Guide (ϕ 0.1 ~ 0.3)
- CAD / CAM Software
- 3R Clamping Tools
- A.W.T (Auto, Wire Threading) System
- Water Chiller
- Wire Tension Meter
- Wire Speed Meter

Technical Specification – Flushing Type

Model	Unit	Wi-30E	Wi-50E	Wi-60E	Wi-70E	Wi-90E
Max. Workpiece Size LxWxH	mm	760x520x295	870x520x295	1100x650x340	1170x680x295	1380x760x295
Work Table Size	mm	640x500	740x500	870x680	970x730	1120x730
Max. Workpiece Weight	Kgs	500	700	1000	1000	1300
Drive & Servo	Axes	5 Axes AC Servo	5 Axes AC Servo	5 Axes AC Servo	5 Axes AC Servo	5 Axes AC Servo
Simulation Axes	Axes	X/Y/U/V	X/Y/U/V	X/Y/U/V	X/Y/U/V	X/Y/U/V
X /Y Axis Travel	mm	400 /300	500 /300	600 /450	750 / 500	900 / 500
Z Axis Travel	mm	300	300	350	300	300
U /V Axis Travel	mm	100 /100	100 /100	100 /100	100 /100	100 /100
Wire Diameter Range	mm	Ø 0.1 ~ 0.3	Ø 0.1 ~ 0.3	Ø 0.1 ~ 0.3	Ø 0.15 ~ 0.3	Ø 0.15 ~ 0.3
Max. Tapper angle- Thick 100mm	°	± 22.5	± 22.5	± 22.5	± 22.5	± 22.5
Max. Axes Load	Kgs	10	10	10	10	10
Water Tank Capacity	Ltr	270	270	300	360	360
Machine Weight	Kgs	1950	2300	3400	4000	5200
Dimension (WxDxH)	mm	2300x2200x2150	2600x2200x2150	3000x2650x2250	3200x2700x2250	3600x2900x2300

Technical Specification – Submerge Type

Model	Unit	Wi-200S	Wi-430S	Wi-530S	Wi-640S	Wi-1065SA
Max. Workpiece Size LxWxH	mm	550x470x115/150	700x540x295	840x540x295	1000x720x345	1550x1050x515
Work Table Size	mm	450x400	640x500	740x500	870x680	1345x855
Max. Workpiece Weight	Kgs	300	500	700	1000	4500
Drive & Servo	Axes	5 Axes AC Servo	5 Axes AC Servo	5 Axes AC Servo	5 Axes AC Servo	5 Axes AC Servo
Simulation Axes	Axes	X/Y/U/V	X/Y/U/V	X/Y/U/V	X/Y/U/V	X/Y/U/V
X /Y Axis Travel	mm	210 /200	400 /300	500 /300	600 /450	1000 /600
Z Axis Travel	mm	120 / 155	300	300	350	520
U /V Axis Travel	mm	30 /30	100 /100	100 /100	100 /100	160 /160
Wire Diameter Range	mm	Ø 0.1 ~ 0.3	Ø 0.1 ~ 0.3	Ø 0.1 ~ 0.3	Ø 0.1 ~ 0.3	Ø 0.15 ~ 0.3
Max. Tapper angle- Thick 100mm	°	± 22.5	± 22.5	± 22.5	± 22.5	± 22.5 (160mm)
Max. Axes Load	Kgs	6	10	10	10	16
Water Tank Capacity	Ltr	450	570	570	940	2400
Machine Weight	Kgs	1700	2100	2450	3500	8000
Dimension (WxDxH)	mm	1800x1900x1850	3100x2200x2150	3250x220x02150	3550x2650x2300	4200x4350x3250

All Types of EDM Machine Sales, Spares & Service

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