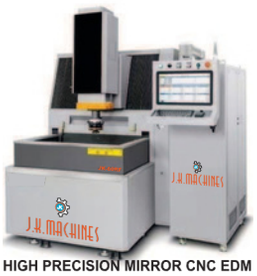
# OUR PRODUCTS RANGE



CNC EDM NEXT GEN V1.1 (Pg. No. 03)



HIGH PRECISION MIRROR CNC EDM
AUTOMATIC LIFTING OIL TANK (Pg. No. 04)



CNC EDM (Pg. No. 05)



CNC EDM (Pg. No. 06)



ZNC EDM DC SERVO (Pg. No. 07)



ZNC EDM AC SERVO (Pg. No. 08)



DRILL EDM NEXT GEN (Pg. No. 09)



CNC DRILL EDM (Pg. No. 10)



WIRE CUT EDM STEPPER (Pg. No. 11)



WIRE CUT EDM SERVO (Pg. No. 12)



MOULD LASER WELDING (Pg. No. 13)



LASER MARKING/ENGRAVING
MICRO TIG WELDINNG (Pg. No. 14)



CNC ENGRAVING (Pg. No. 15 & 16)



CNC ENGRAVING (Pg. No. 15 & 16)



CNC WOOD ROUTER (Pg. No. 17)



CUTTER GRINDER'S (Pg. No. 18)



DIGITAL READOUT (Pg. No. 19)



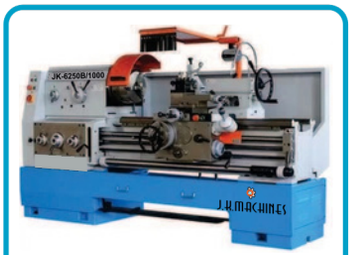
CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL TURRET MILLING (Pg. No. 21)




HYDRAULIC SURFACE GRINDER (Pg. No. 22)



ALL GEARED LATHE (Pg. No. 23)



RADIAL DRILL MACHINE (Pg. No. 24)



VERTICAL MOULDING (Pg. No. 25)




ELECTRICAL SCOOTY (Pg. No. 26)

# HAND HELD LASER WELDING

## Salient Features

- The welding speed is 2-10 times faster than the traditional welding speed.
- It can help you to save at least two welders a year.
- Laser welding consumes less material and has a long-life.
- Easy to operate, no need welding work license
- New corner can also weld products beautifully.
- The welding seam is smooth and beautiful,
- which reduces the subsequent grinding process and saves time and cost.
- No deformation, no weld scar, welding firmly.
- Safer and more environmentally friendly.




### Welding Depth Data

| Power | Stainless Steel | Carbon Steel | Aluminum |
|---|---|---|---|
| 1000W | 1.50 mm | 1.50 mm | 0.50 mm |
| 1500W | 2.50 mm | 2.50 mm | 0.60 mm |
| 2000W | 3.00 mm | 3.00 mm | 0.80 mm |

Job Sample







LASER HANDLE



AUTOMATIC WIRE FEEDER

| Technical Specification | Unit | JK-1000W | JK-1500W | JK-2000W | JK-3000W |
|---|---|---|---|---|---|
| Max. Energy of single pulse | J | 100 | 100 | 120 | 125 |
| Laser Type | | CW Continuous Laser | | | |
| Laser wavelength | nm | 1064 | | | |
| Laser welding frequency | HZ | 1000 | | | |
| Laser spot diameter | mm | 0.40 - 2.00 | | | |
| Weld penetration | mm | 0.10 - 3.00 | | | |
| Power can be adjustable | % | 5 - 100 | | | |
| Pulse width | ms | 1 | | | |
| Cooling water temperature | deg. | <35 | | | |
| Temperature protection | deg. | 40 | | | |
| Cooling water flow | min. | 15 | | | |
| Protective gas | | Nitrogen gas | | | |
| Input power supply | V | Single Phase 220v / 50Hz | | Three Phase 380v/50Hz | |
| Machine weight | kg | 390 | 390 | 420 | 560 |

**Corporate Office cum Showroom :**
**C-46, Mangolpuri Industrial Area,**
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# J.K. MACHINES

HIGH PRECISION INDUSTRIAL MACHINERY

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