

## EZEWIN

### WR SERIES

MAKE IN INDIA

WR300 / WR600 / WR700 / WR1000 / WR1100 / WR1200

**Low Running Cost.  
Optimised features.**



### FEATURES

- Manual Jogging through Controller
- Edge find, Center find 3 point
- Complex Programming
- Remote Control Unit (RCU)
- Pitch error and Backlash Compensation
- X, Y Axis AC Servo option available\*\*
- Max. cutting speed : 100 mm<sup>2</sup>/min.
- Best surface finish : 1.4 ~ 1.6  $\mu$  Ra
- Windows based OEM controller
- Online program editing
- Prejog function
- Part programming software "ELCAM"
- Special Circuit for Aluminium Cutting (optional)



## CONTROLLER

- In-built processing parameters for machining
- Auto STOP on wire break & Program end
- dxf in facility for profile generation through ELCAM
- Line By Line Program line display during running
- Dry Spark function
- CNC Auto-program and control functions

## Control Unit

|                                 |                                   |
|---------------------------------|-----------------------------------|
| CNC Controller                  | 4 Axis Simultaneous with Software |
| Program Memory                  | 2 GB                              |
| Min. Command Input (mm)         | 0.001                             |
| Interpolation                   | Linear, Circular                  |
| Input Power Supply              | 415 VAC, 3 ph, 50 Hz              |
| Connected Load (KVA)            | 2.5                               |
| Average Power Consumption (KVA) | 2                                 |
| Discharge Mode                  | Rough/Skim Cut                    |

| Machine Specifications      | WR 300         | WR 600         | WR 700         | WR 800         | WR 1000        | WR 1100        | WR 1200        |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| X,Y Axis Travel (mm)        | 250 x 350      | 350 x 450      | 450 x 550      | 550 x 630      | 630 x 800      | 800 x 1000     | 1100 x 1500    |
| Worktable Size (WxD mm)     | 320 x 450      | 450 x 625      | 550 x 725      | 650 x 825      | 730 x 980      | 985 x 1200     | 1200 x 1600    |
| Job Admit (mm)              | 300            | 500            | 500            | 600            | 800            | 800            | 800            |
| Z axis                      | Manual         | Motorised      | Motorised      | Motorised      | Motorised      | Motorised      | Motorised      |
| Max. Workpiece Weight (Kg)  | 250            | 400            | 500            | 700            | 1000           | 1500           | 2000           |
| Max. Taper Angle (Deg/mm)   | ± 3° /80       | ± 3° /80       | ± 3° /80       | ± 3° /80       | ± 3° /80       | ± 3° /80       | ± 3° /80       |
| Wire Diameter Range (mm)    | 0.12 ~ 0.18 mm | 0.12 ~ 0.18 mm | 0.12 ~ 0.18 mm | 0.12 ~ 0.18 mm | 0.12 ~ 0.18 mm | 0.12 ~ 0.18 mm | 0.12 ~ 0.18 mm |
| Molywire                    |                |                |                |                |                |                |                |
| Auto Wire Tension           | YES            | YES            | YES            | YES            | YES            | YES            | YES            |
| Wire guide system           | YES            | YES            | YES            | YES            | YES            | YES            | YES            |
| Best Surface Finish (uRa)   | <= 1.4         | <= 1.4         | <= 1.4         | <= 1.4         | <= 1.4         | <= 1.4         | <= 1.4         |
| Max. Cutting Speed (mm/min) | >= 100         | >= 100         | >= 100         | >= 100         | >= 100         | >= 100         | >= 100         |
| Machine Weight (Kg)         | 800            | 1050           | 1200           | 1750           | 2200           | 2800           | 3200           |
| Foot Print (WxDxH mm)       | 1480x1010x1400 | 1600x1270x1700 | 1700x1430x1700 | 2000x1750x2000 | 2200x1980x1900 | 2500x2100x2000 | 3000x2550x2300 |
| <b>Options</b>              |                |                |                |                |                |                |                |
| Taper Angle 30 deg /80 mm   | NO             | NO             | YES            | YES            | YES            | YES            | YES            |
| Taper Angle 60,90 deg/80 mm | NO             | NO             | NO             | YES            | YES            | YES            | YES            |
| Job Admit 1000 mm           | NO             | NO             | NO             | NO             | NO             | YES            | YES            |
| Max. Job Loading 2500 kg    | NO             | NO             | NO             | NO             | NO             | YES            | YES            |

## Filter Unit

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Dielectric Media                    | D.M. Water with Special coolant/Paste |
| Filtration Media                    | Paper filtration                      |
| Dielectric Storage Capacity (Ltrs.) | 70                                    |

Note : We can also make SPM's of various table size & higher taper angles  
\*ER 300 - Z manual movement



**electronica**  
Poddar Group

In keeping with our constant endeavour to meet ever-changing market needs, we reserve the right to alter or change the specifications mentioned without prior notice.

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An ISO 9001:2015 Certified Organisation

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