



| | | AWT355S/ WT355S/ WT355 | 355S/ WT355 | AWT455S/ WT455S/ WT455 | | AWT655S/ WT655S/ WT655 | | AWT855S/ WT855S/ WT855 | | AWT1275S/ WT1275S/ WT1275 | 275S/ WT1275 |
|--|-----|--|------------------------|--|-----------------------|------------------------|-----------------------|------------------------|-----------------------|---------------------------|-----------------------|
| | | AWT355S/ WT355S | WT355 | AWT455S/ WT455S | WT455 | AWT655S/ WT655S | WT655 | AWT855S/ WT855S | WT855 | AWT1275S/WT1275S | WT1275 |
| Max. work piece dimension n (WXDXH) | mm | 710x560x205 | 850x560x205 | 750x650x245 | 900x650x245 | 1100x720x345 | 1100x800x345 | 1280x780x345 | 1280x780x345 | 1700x1050x445 | 1700x1050x445 |
| Max. work piece weight | kgs | 300 | 400 | 450 | 550 | 700 | 850 | 1000 | 1000 | 5000 | 5000 |
| X Travel n | mm | 350 | 350 | 450 | 450 | 650 | 650 | 850 | 850 | 1200 | 1200 |
| Y Travel n | mm | 250 | 250 | 300 | 300 | 400 | 400 | 450 | 450 | 700 | 700 |
| Z Travel n | mm | 210 | 210 | 250 | 250 | 350 | 350 | 350 | 350 | 450 | 450 |
| U Travel n | mm | 80 | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 150 | 150 |
| V Travel n | mm | 80 | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 150 | 150 |
| Drive system | | AC servo motor | AC servo motor | AC servo motor | AC servo motor | AC servo motor | AC servo motor | AC servo motor | AC servo motor | AC servo motor | AC servo motor |
| Wire diameter n | mm | mm 00.15-00.30 annual 00 | 20.15~(20.30 standard) | Ø0.15~Ø0.30(standard) | Ø0.15~@0.30(standard) | Ø0.15~Ø0.30 standard) | Ø0.15~Ø0.30 standard) | Ø0.15~Ø0.30(standard) | Ø0.15~Ø0.30(standard) | Ø0.15~Ø0.30(stanciard) | Ø0.15~@0.30(standard) |
| Max. taper angle n | mm | +/ - 24 ° / 80mm | +/ - 20 ° / 80mm | +/ - 24 ° / 80mm | +/ - 20 ° / 80mm | +/ - 24 ° / 80mm | +/ - 20 ° / 80mm | +/ - 24 ° / 80mm | +/ - 20 ° / 80mm | +/ · 24 ° / 80mm | +/ - 20 ° / 80mm |
| Machine net weight | kgs | 2100 | 2000 | 2200 | 2100 | 2850 | 2700 | 5500 | 5300 | 9000 | 8700 |
| Filter system capacity | - | 640 | 500 | 700 | 500 | 1200 | 700 | 1550 | 550 | 2800 | 600 |
| Filter element | | Paper filter | Paper filter | Paper filter | Paper filter | Paper filter | Paper filter | Paper filter | Paper filter | Paper filter | Paper filter |
| Ion exchange resin capacity | - | 14 | 6.8 | 14 | 6.8 | 14 | 6.8 | 30 | 6.8 | 30 | 6.8 |
| Water quality control | | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto |
| Water temperature control | | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto |
| Machine layout dimension n | 3 | mm 2036x2218x1990 | 1986x2099x1990 | 2236x2308x2070 2186x2186x2070 2780x2780x2400 | 2186x2186x2070 | | 2730x2390x2400 | 3690x3060x2290 | 3600x2900x2290 | 4950x4050x2620 | 4300x4050x2620 |
| | | | | | | | | | | | |







The 6th Axis Application: (B-axis, Rotary Aaixs) (FOR WINDOWS CONTROLLIER)

- Must adapt Joemars controller available for the 6th application.
- Maximum axes of control: 6 axes. (X / Y / U/ V/ Z/ B axis)
- Simultaneously machining axes: 5 axes: (X / Y
- /U/V/Baxis) The 6th device can do the real 6-axis work jcb, not only for rotary, positioning, or index functions (The not Wine Coll modeling with 6
- functions. (The real Wire Cut machine with 6 axis application)
- Joemars own designed servo index system and controller system
- DDR motor driver used directly, rotary
- positioning accuracy reaches 0.5 seconds. The 6th Axis (B-axis) with "IP68" – water prcof
- design, no rusting concern. Controller, rotary system, index plate and the related parts are all 100% designed and made in Taiwan!

Co

accuracy.

