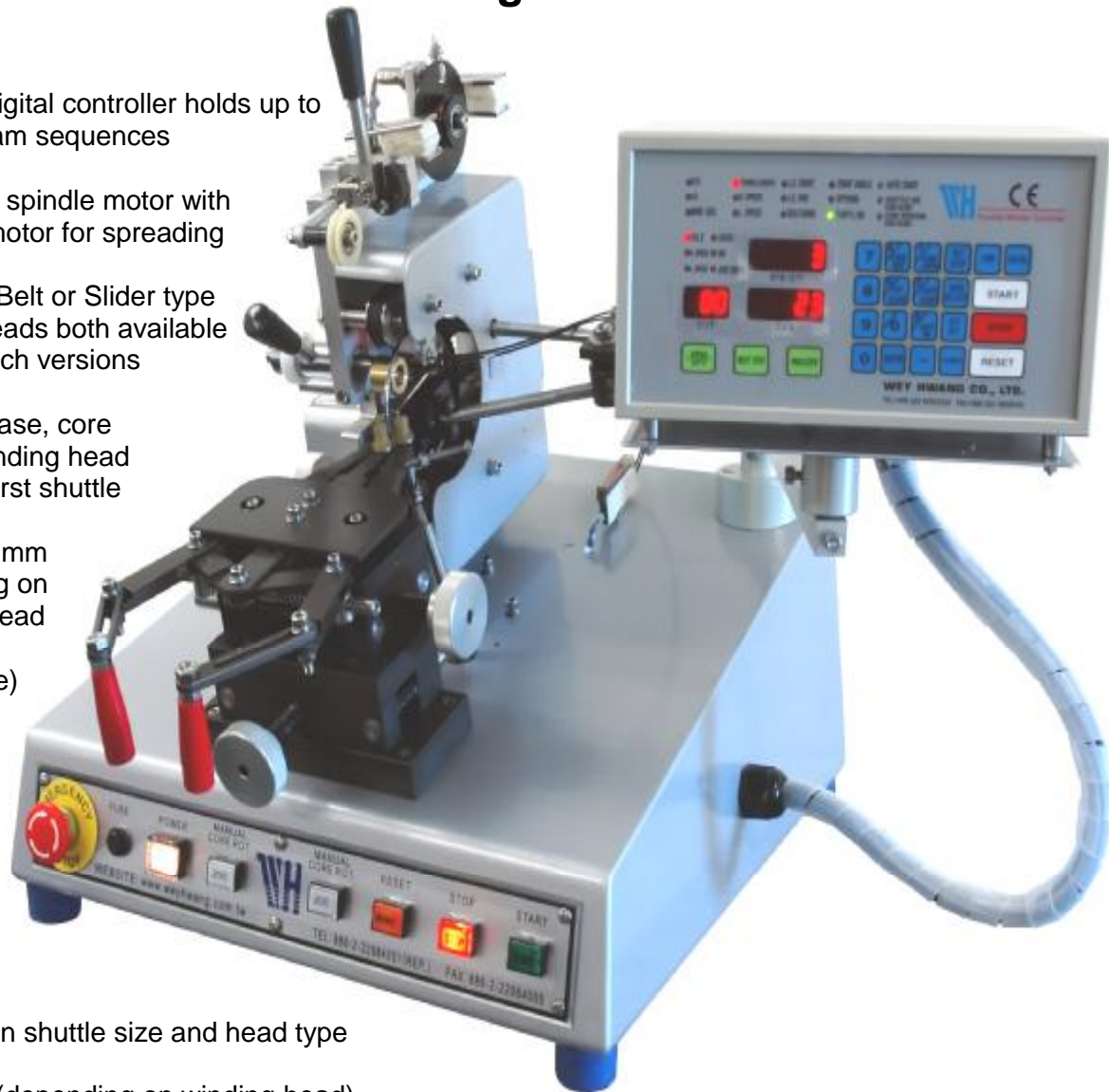




WH 900 Toroid winding machine.

Specification

| | |
|------------------|--|
| Program | TWC-01 digital controller holds up to 999 program sequences |
| Control | DC 400 W spindle motor with stepping motor for spreading |
| Features | Choice of Belt or Slider type winding heads both available in 4 or 6 inch versions |
| Package | Includes base, core rotator, winding head and your first shuttle |
| Wire size | 0.05 – 1.1 mm (depending on machine head type and shuttle size) |
| O D Range | 8 – 60 mm |
| Min finished I D | 3 mm (depends on shuttle size & core height) |
| Min wire size | depends on shuttle size and head type |
| Max speed | 1500 rpm (depending on winding head) |
| Power | AC 230 /110 V ± 10%, 50 - 60hz |
| Dims | 600 x 620 x 640 mm |
| Net weight | 70 kg |
| CE cert. no. | AE9955093 01 |



We aim to be much more than a machinery supplier. Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling design to machine choice and set-up.

Ingrid West Machinery

~ Coil winding solutions you can rely on ~

Working with local partners in the following countries;

Austria, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.





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| HEAD TYPE | B4 BELT TYPE | B6 BELT TYPE | S4 SLIDER TYPE | S6 SLIDER TYPE |
|---|---|---|--|---|
| PICTURE |  |  |  |  |
| COIL O.D. | 5~60mm | 8~60mm | 8~60mm | 8~60mm |
| MIN.FIN. I.D. | 3mm | 6mm | 7mm | 7mm |
| MAX. HEIGHT | 25mm | 45mm | 25mm | 45mm |
| WIRE SIZE | 0.12~0.8mm | 0.25~0.9mm | 0.04~0.35mm | 0.05~0.4mm |
| SHUTTLE DIA. | 100mm | 150mm | 100mm | 150mm |
| SHUTTLE TYPE | 2.4, 2.5, 2.8, 3.4 4.7, 6.3, 7.9, 9.5 | 4.7, 6.3, 7.9 9.5, 12.7, 15.6 | 4.7, 6.3, 7.9, 9.5 | 4.7, 6.3, 7.9 9.5, 12.7, 15.6 |
| Min. Finished I.D. Will be different by shuttle size and coil height. | | | | |

SHUTTLE WIRE CAPACITY CHART (IN FEET)

1 FOOT = 304.8 mm

| | | FOR B4 & S4 TYPE | | | | | | | | FOR B6 & S6 TYPE | | | | | |
|-------------------|-----------|--|-----|-----|-----|-----|------|------|------|--|------|------|------|------|------|
| SHUTTLE WIDTH | | 2.4 | 2.5 | 2.8 | 3.4 | 4.7 | 6.3 | 7.9 | 9.5 | 4.7 | 6.3 | 7.9 | 9.5 | 12.7 | 15.6 |
| 0.912MM | AWG NO.19 | | | | | | | 13 | 23 | | | 19 | 35 | 58 | |
| 0.813MM | AWG NO.20 | | | | 3 | 5 | 12 | 16 | 28 | 8 | 18 | 24 | 43 | 72 | |
| 0.724MM | AWG NO.21 | | | | 4 | 7 | 14 | 20 | 35 | 11 | 22 | 30 | 53 | 89 | |
| 0.643MM | AWG NO.22 | | | | 5 | 8 | 18 | 25 | 43 | 12 | 27 | 38 | 65 | 111 | |
| 0.574MM | AWG NO.23 | | | 4 | 6 | 10 | 22 | 30 | 54 | 15 | 33 | 46 | 81 | 138 | 207 |
| 0.511MM | AWG NO.24 | | 4 | 5 | 8 | 13 | 27 | 38 | 67 | 20 | 41 | 57 | 101 | 170 | 255 |
| 0.455MM | AWG NO.25 | 4 | 5 | 7 | 10 | 16 | 34 | 48 | 84 | 24 | 51 | 71 | 125 | 211 | 316 |
| 0.404MM | AWG NO.26 | 5 | 6 | 8 | 12 | 20 | 42 | 59 | 104 | 30 | 63 | 87 | 153 | 216 | 324 |
| 0.361MM | AWG NO.27 | 6 | 7 | 10 | 15 | 24 | 52 | 73 | 128 | 36 | 78 | 108 | 191 | 324 | 486 |
| 0.320MM | AWG NO.28 | 7 | 9 | 12 | 18 | 30 | 65 | 90 | 159 | 45 | 98 | 134 | 236 | 400 | 600 |
| 0.287MM | AWG NO.29 | 10 | 11 | 15 | 23 | 38 | 80 | 113 | 198 | 56 | 120 | 167 | 293 | 496 | 744 |
| 0.254MM | AWG NO.30 | 12 | 14 | 19 | 28 | 47 | 100 | 140 | 245 | 69 | 150 | 206 | 363 | 613 | 919 |
| 0.226MM | AWG NO.31 | 14 | 18 | 24 | 35 | 58 | 123 | 173 | 304 | 86 | 186 | 255 | 450 | 759 | 1140 |
| 0.203MM | AWG NO.32 | 23 | 22 | 29 | 44 | 72 | 153 | 215 | 377 | 107 | 230 | 318 | 558 | 940 | 1410 |
| 0.180MM | AWG NO.33 | 28 | 27 | 36 | 54 | 89 | 190 | 267 | 468 | 132 | 284 | 393 | 690 | 1163 | 1745 |
| 0.160MM | AWG NO.34 | 35 | 33 | 45 | 67 | 110 | 235 | 330 | 579 | 165 | 354 | 487 | 854 | 1440 | 2160 |
| 0.142MM | AWG NO.35 | | 41 | 56 | 83 | 136 | 292 | 410 | 719 | 204 | 438 | 602 | 1057 | 1782 | 2673 |
| 0.127MM | AWG NO.36 | | | | | 169 | 362 | 508 | 891 | 252 | 542 | 746 | 1309 | 2205 | 3300 |
| 0.114MM | AWG NO.37 | | | | | 209 | 449 | 630 | 1105 | 312 | 671 | 923 | 1620 | 2730 | 4000 |
| 0.102MM | AWG NO.38 | | | | | 260 | 556 | 781 | 1370 | 387 | 830 | 1142 | 2005 | | |
| 0.089MM | AWG NO.39 | | | | | 322 | 690 | 969 | 1700 | 479 | 1027 | | | | |
| 0.079MM | AWG NO.40 | | | | | 399 | 855 | 1200 | 2108 | 592 | 1272 | | | | |
| 0.064MM | AWG NO.41 | | | | | 495 | 1060 | 1490 | 2614 | | | | | | |
| 0.056MM | AWG NO.42 | | | | | 615 | 1315 | 1847 | 3240 | | | | | | |
| 0.051MM | AWG NO.43 | | | | | 763 | 1631 | 2290 | 4020 | | | | | | |
| 0.046MM | AWG NO.44 | | | | | 946 | 2022 | | | | | | | | |
| COLOUR INDICATION | | WHITE : FOR B4 TYPE YELLOW : FOR B4 & S4 TYPE GREEN: FOR S4 TYPE | | | | | | | | WHITE : FOR B6 TYPE YELLOW : FOR B6 & S6 TYPE GREEN: FOR S6 TYPE | | | | | |