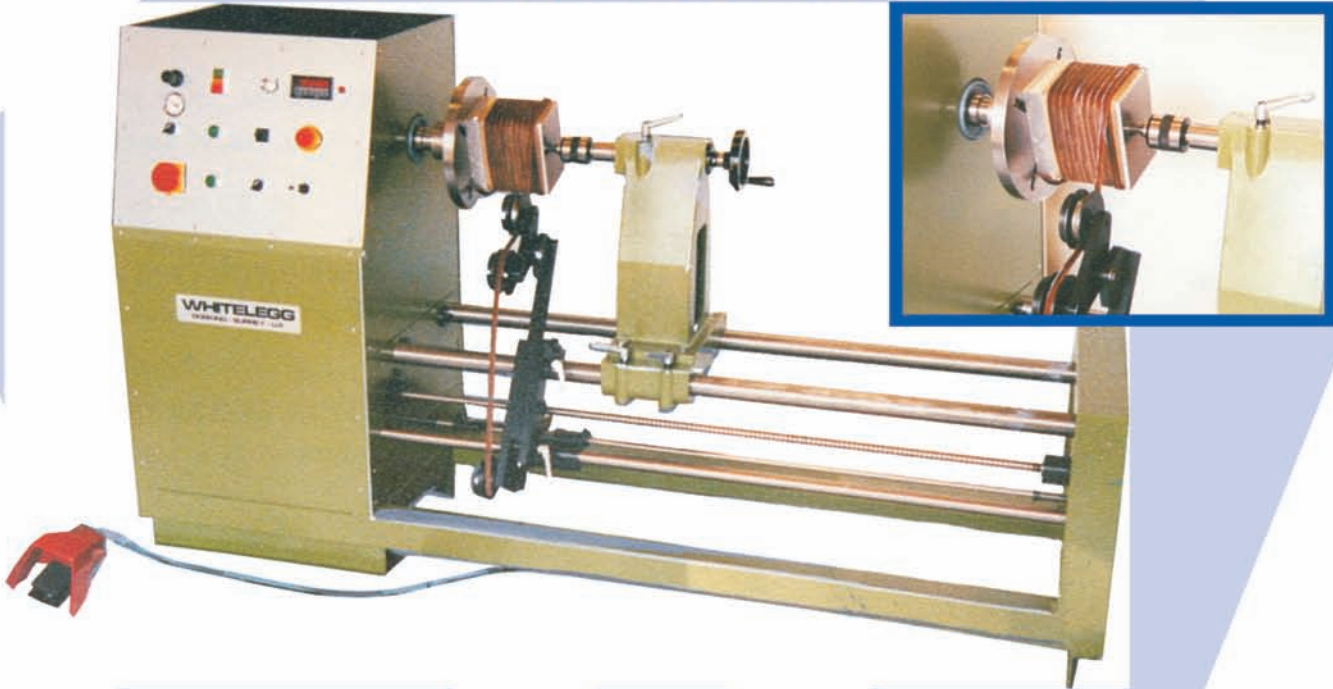




Whitelegg

AUTOMATIC WIRE GUIDE MODEL CAW



The powerful inverter drive is designed for quick and accurate winding of a wide variety of coils. Transformations, solenoids, AC and DC electric motor coils can all be wound satisfactory on this machine. The powerful DC drive is infinitely variable and the sensitive footpedal allows smooth starting and "inching" operations, such as are required when taking many tappings in transformers. There is a main control potentiometer mounted on the machine face which can be set to limit the maximum speed obtainable by footpedal depression. The robust tailstock is fitted with a revolving centre and has a lathe-type adjustment.

The automatic wire guide is driven by a servomotor giving infinitely variable wire pitch adjustment by a calibrated handwheel. The wire guide carriage is driven through a ball screw and reversed instantly by limit switches. Standard specification includes automatic stop by electric brake, PLC with control panel and keyboard, forward and reverse switch, isolator, tailstock and a 300mm diameter slotted faceplate. There is a powerful electric brake which is applied automatically either on release of the footpedal or on receiving a signal from the predetermined counter. This brake prevents unwanted backward rotation and hence loss of wire tension, but it can be released by a convenient switch mounted on the control panel.

Two basic versions are offered:

CAW-DT5: Driven by a 2.2kw AC motor via belt reductions directly to the main shaft, with an option of bed length to accommodate coils of up to either 800 or 1000mm.

CAW-DT5G: Offering higher torque necessary for winding the largest coils or winding with sectional copper. This version has a silent two speed toothed belt drive with gear change lever mounted on the top of the machine. Bed length option as above.

Optional extras include: a pneumatic draw-bar to clamp coils quickly, a pneumatic pressure rolling unit for ironing wire or strip around rectangular formers, variable dwell at layer end, adjustable wire guide wheels for strip copper, pneumatic multiwire/strip tensioner with controls mounted on main control panel.

SPECIFICATION	CAW-DT5	Version CAW-DT5G
Speed range	0-800 rpm	0-180 & 0-800 rpm
Wire pitch	0-6 mm	0-12 mm
Max. coil dia.	800 mm	800 mm
Max. coil length	1000 mm	1000 or 1500 mm
Winding shaft dia.	50 mm	50 mm
Motor power	2.2 kw	4.4 kw
Torque	40 Nm	40 Nm high ratio 200 Nm low ratio
Dimensions	206x76x128 cm	206x76x128 cm
SHIPPING SPECIFICATIONS		
Case dimensions	220x80x165 cm	220x80x165 cm
Weight	560 kg	710 kg



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ACCESSORIES FOR CAW AND OTHER MACHINES

including a selection of pneumatic and hydraulic wire tensioners for single or multiple wire and strip tensioning giving tension of up to 20kg.

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1 AIR/HYDRAULIC TENSIONER TYPE HW-12T

with floor stand, for up to 12 strands in parallel.

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2 CAV-3 DE-REELER for 3 reels of wire.

3 PNEUMATIC TENSIONER TYPE PW-8T

for up to 4 strips 15 mm wide or 8 wires / strips up to 6mm wide.

4 HEAVY DUTY DE-REELER TYPE FTD

with powerful disc brake. Pneumatic version also available.

5 AIR / HYDRAULIC TENSIONER TYPE HW-12T

with floor stand and traversing head, to automatically follow the wire as it traverses the coil. Side mounting for edge winding of up to 12 strips.

6 TGS WIRE TENSIONER

for wire 0.3 - 3.5 mm dia. Other models for wire down to 0.10mm.

7 HEAVY DUTY WIRE & STRIP STRAIGHTENING & TENSIONING STAND

with RS2B57 and RS3B55 twin plane straighteners for strip up to 12 mm wide and PW-8T pneumatic tensioner. Tension is controlled remotely from the winding machine.

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Coil Winding Machines

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