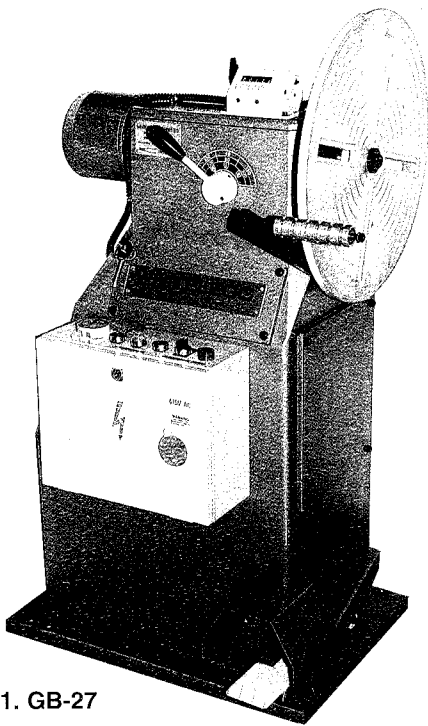


HEAVY DUTY COIL WINDING MACHINE

MODEL GB-27

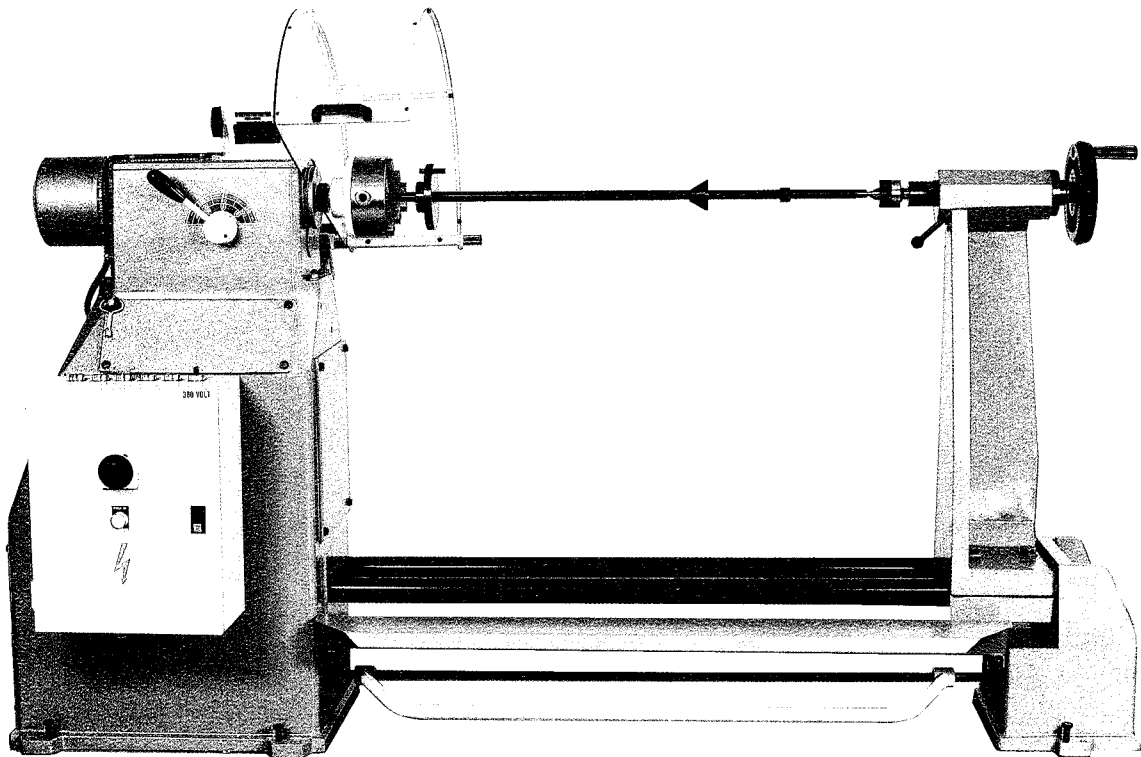


1. GB-27

This robust and well-engineered winding machine represents remarkable value. It is extremely robust, with a cast aluminium gearbox headstock and heavy welded plate steel base. Drive is by a two speed 1.5/2.5 hp three phase motor via a countershaft and mechanical friction clutch and brake unit with footpedal operation, giving smooth starting and control characteristics. The ground main shaft runs in heavy-duty roller bearings and the hardened and ground gears run in an oil bath which also lubricates the bearings. The 500 mm diameter slotted aluminium faceplate is taper-bored and is clamped to the tapered main shaft with a draw screw.

In its standard form, the GB-27 is equipped with a superior quality pre-determined revolution counter which can be set to stop the machine automatically at a preset number of turns by a powerful supplementary electric brake. The machine is fitted with a speed selection switch, a reversing switch and an isolator.

The GB-27 is ideal for winding both transformers and electric motor coils and is shown in the above photograph fitted with a six-groove wire guide and 500 mm dia. faceplate. If equipped with the appropriate coil winding fixtures, the GB-27 is sufficiently powerful to wind electric motor coils up to 200 kW. Please refer to leaflet WF for details of these. Wire tensioning and de-reeling stands for both single and multiple wires are shown on leaflet FS.



2. GB-28
fitted with 3-jaw chuck and tailstock

SPECIFICATION

| | |
|----------------------------|--|
| Winding speeds (standard): | 40, 80, 150, 300, 350, and 700 rpm (forward and reverse) |
| Alternative range: | 10, 20, 38, 76, 92, and 184 rpm (forward and reverse) |
| Wire range: | for wire or strip up to 250 mm ² cross-section |
| Maximum coil dimensions: | 1300mm dia. x 900 mm long (with bed and tailstock) or longer if required |
| Machine dimensions: | GB-27: 800 x 680 x 1210 mm |
| | GB-28: 2000 x 600 x 1320 mm |
| Shipping specifications: | GB-27: Case dimensions: 95 x 110 x 160 mm - gross weight 375 kg |