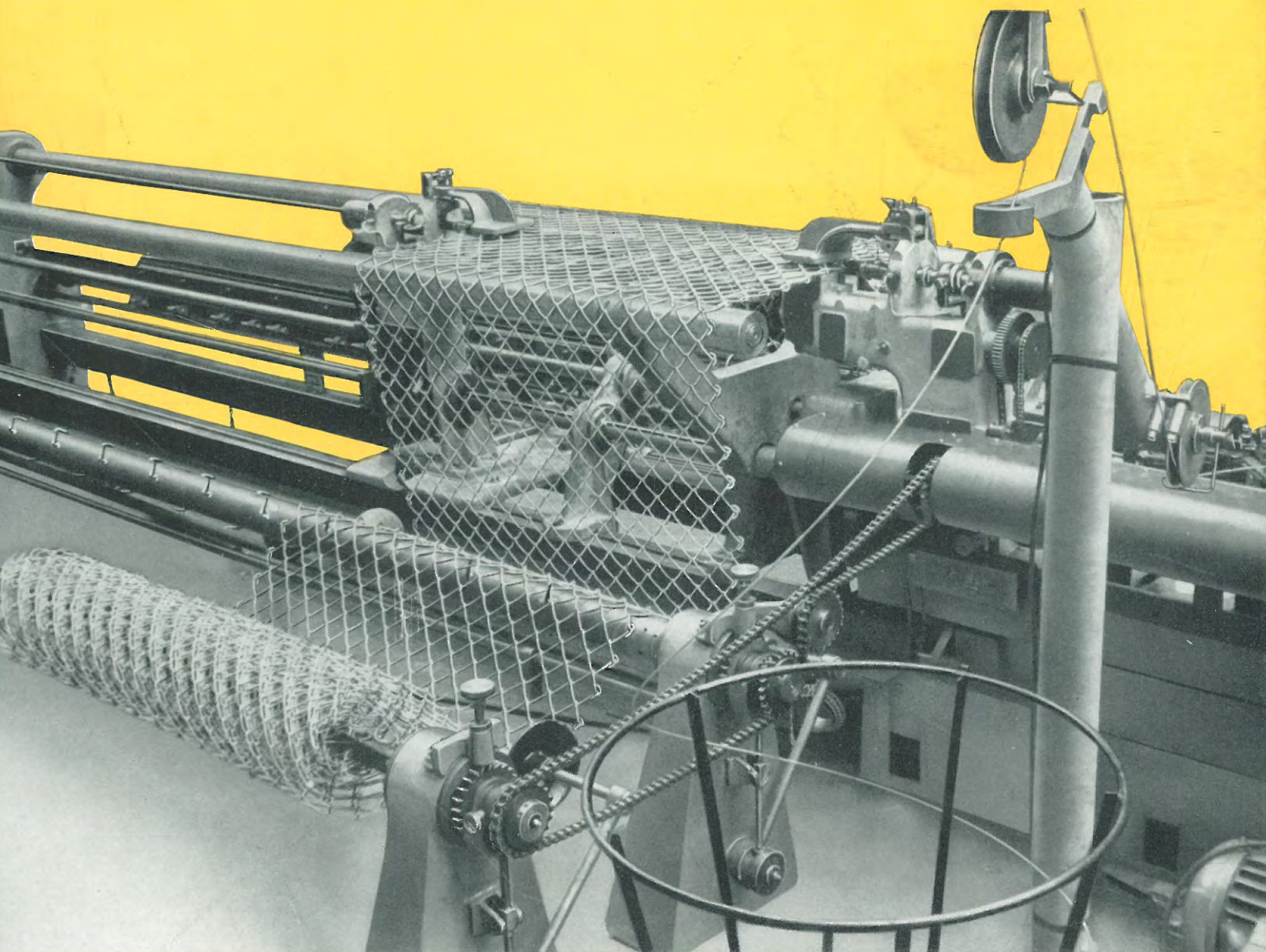
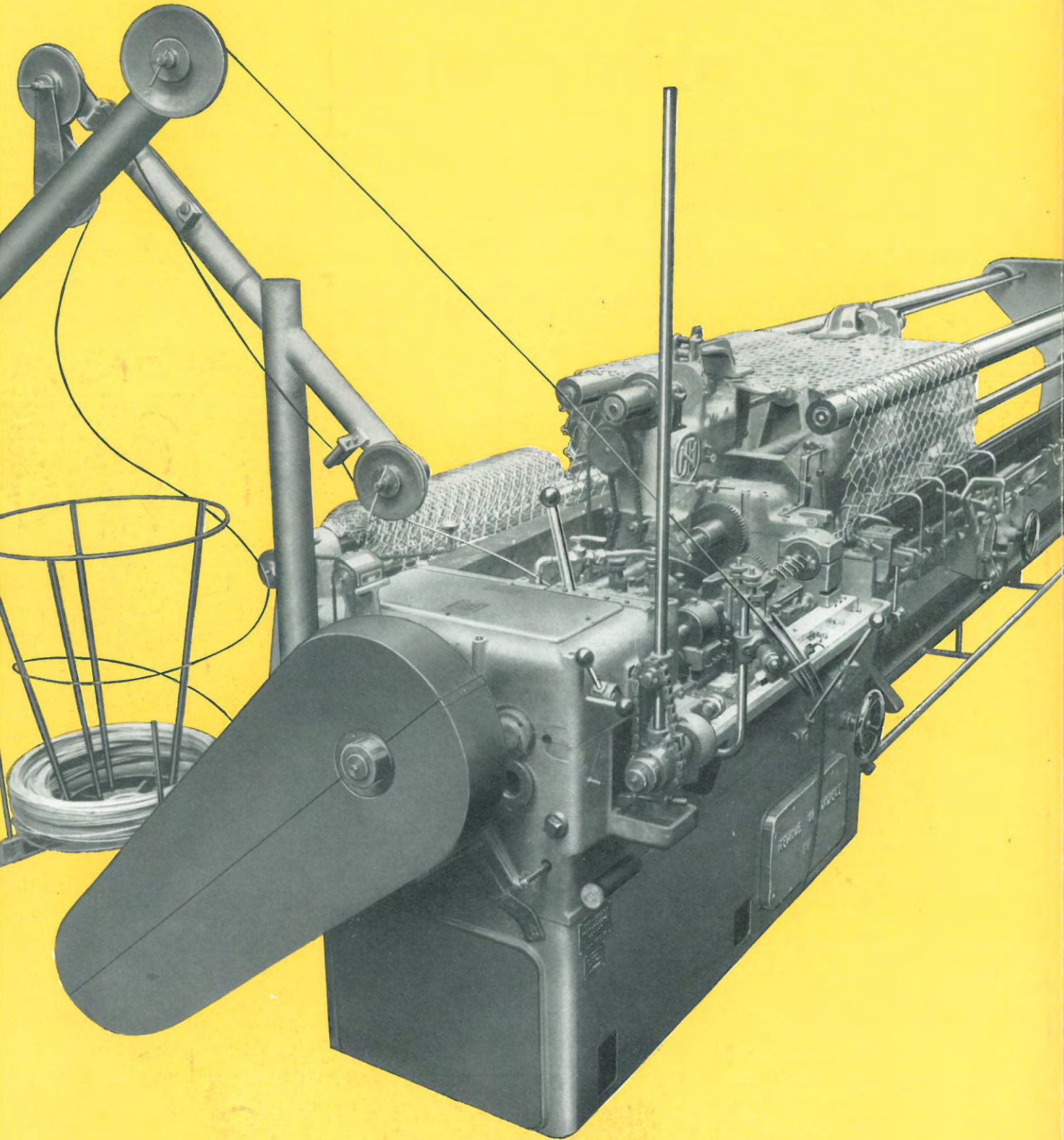


# **Farmer Norton**

## **chain link weaving machine**



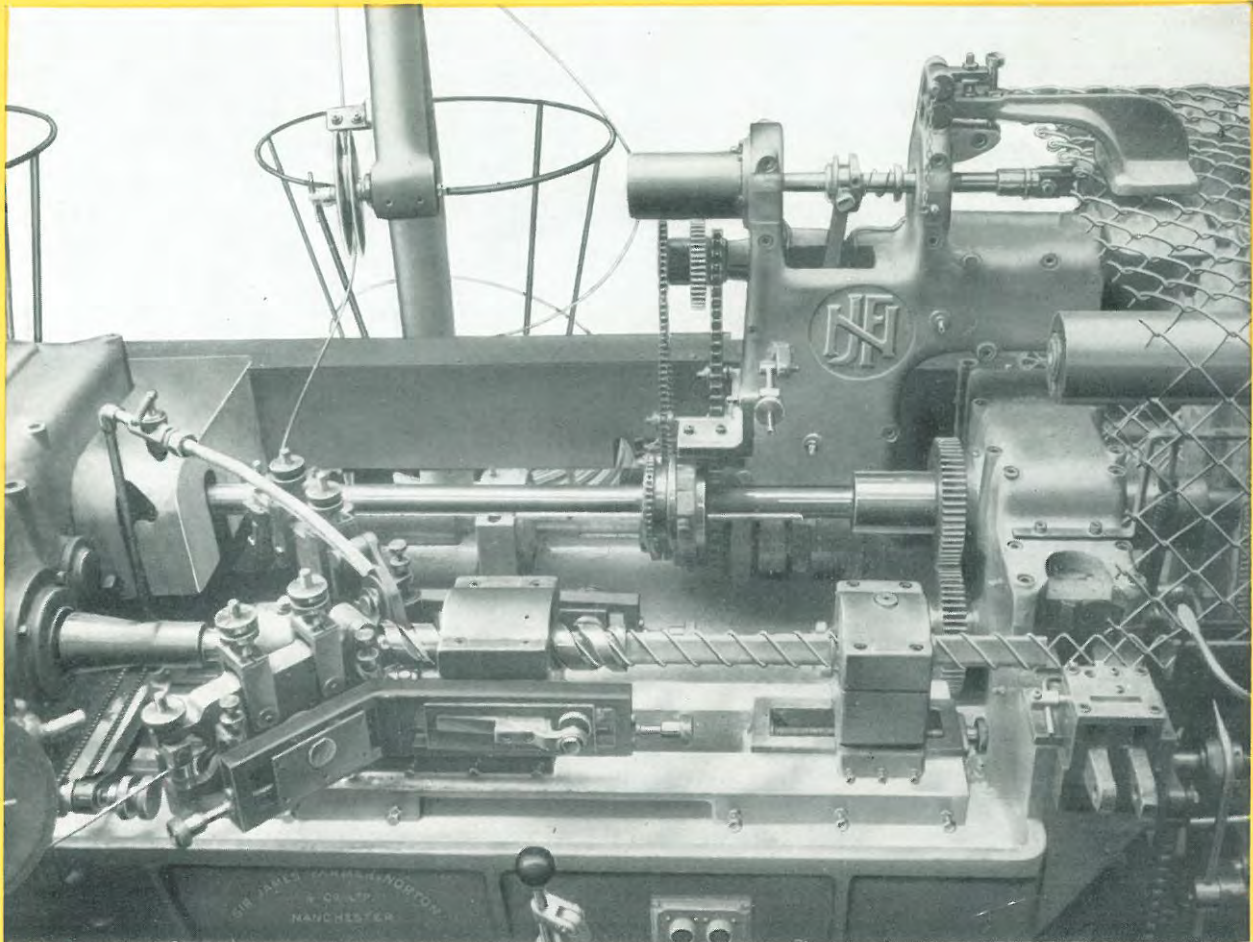
# Farmer Norton



# twin spiral, chain link,

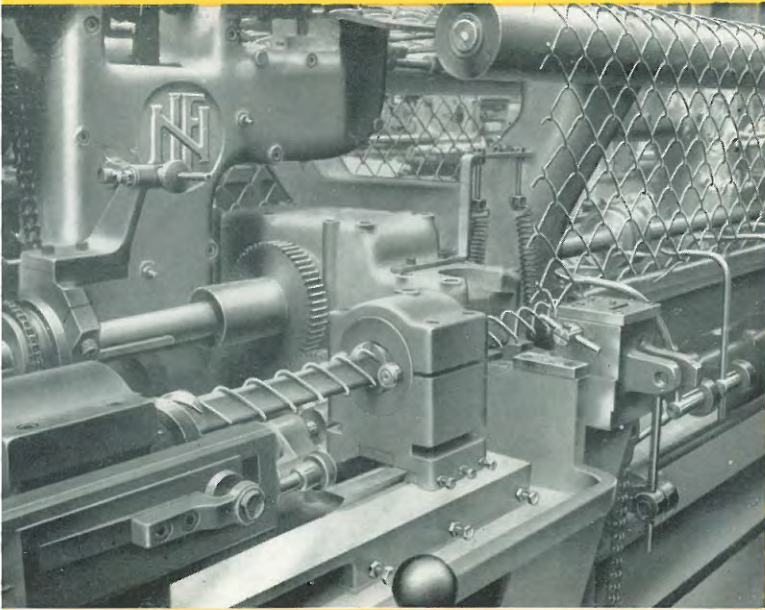
## technical details

The drive is from a 5 h.p. motor through a four speed gearbox and vee rope drive to the machine head and this allows for the correct blade speed to be chosen for different widths of mesh and wire gauge. The height of the fence is governed by an easily set timing chain, and the weaving blade is fitted with a weaving giraffe and a correcting giraffe, both of which are easily adjustable whilst the machine is running. Special arrangements are made to ensure an absolutely flat weave, and thus, a considerable saving in wire.



View of NB3 machine weaving 4' fence, with guards removed.

# weaving machines

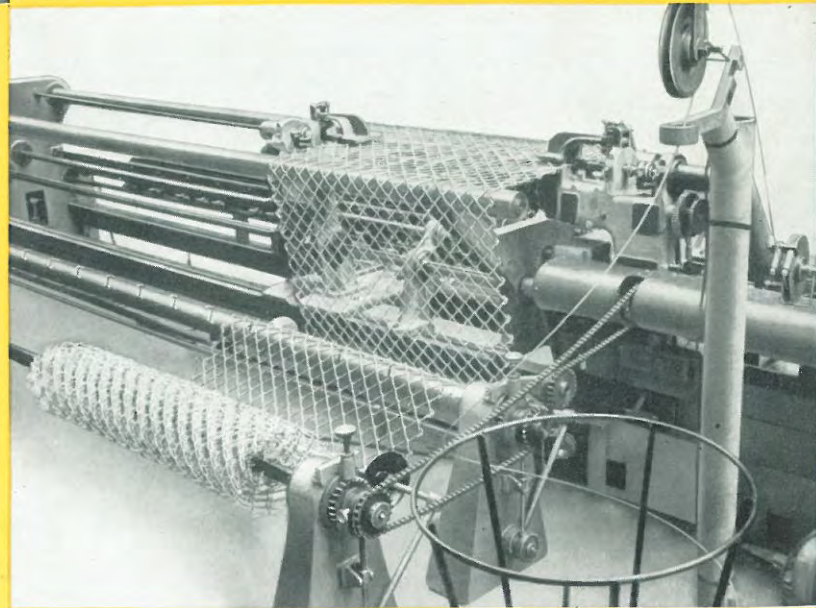


The machine is fitted with hardened steel gears and high quality steel shafts running in ball and/or roller type bearings to give the highest efficiency, and the blade has an automatic arrangement which stops the blade in the correct position each time, so that the height of the fence remains constant.

The machine is supplied with a full set of cutters, knuckling and barbing tools; and for one size of mesh specified at time of ordering, two blades, one giraffe, one correcting giraffe, and one weaving tube.

## Patented Gearbox

Our patented gearbox ensures silent running with the minimum of wear on clutches, shafts and other moving parts. This is due to a slow speed gear which is momentarily engaged on the starting and stopping of the weaving blade.

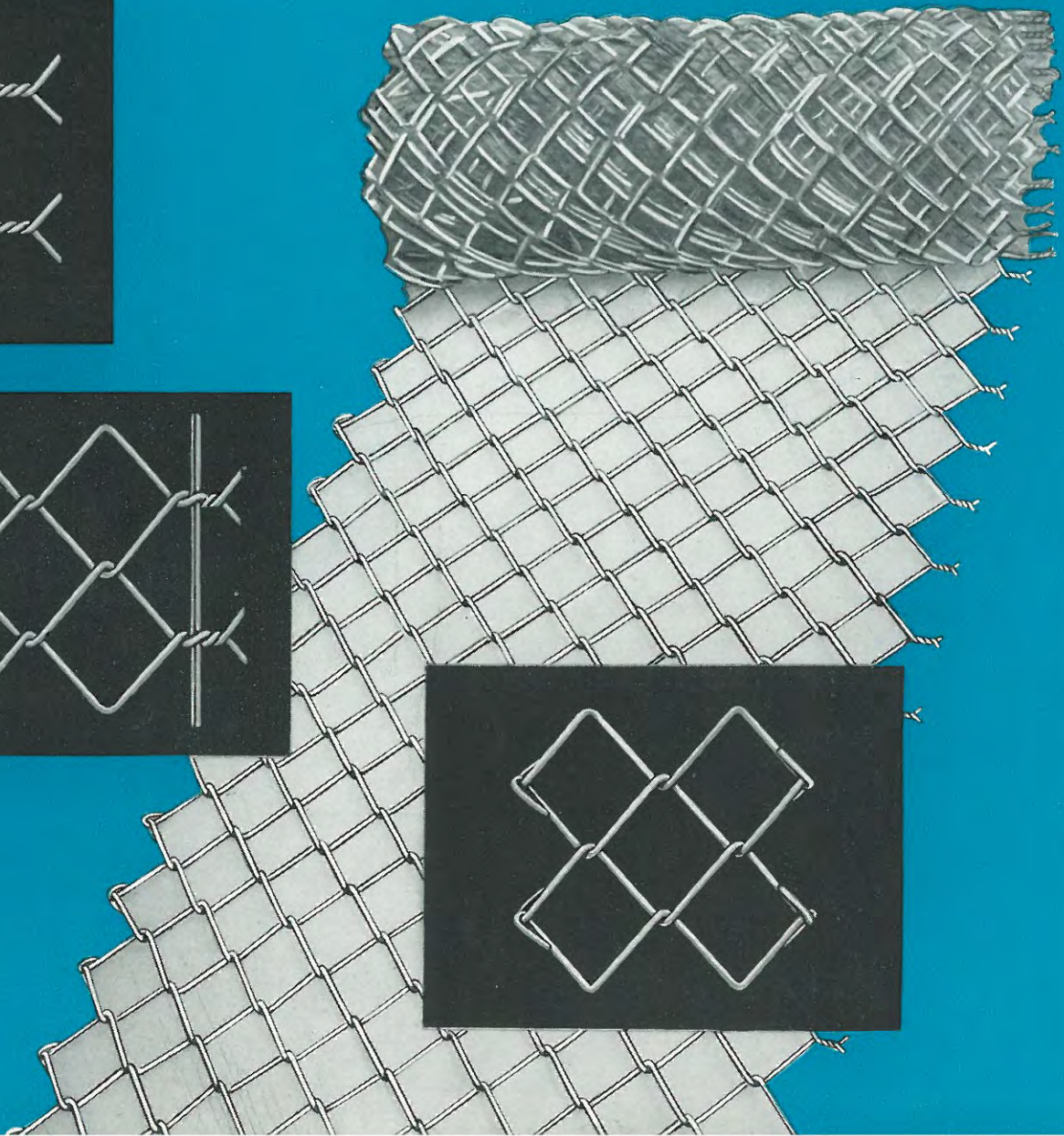
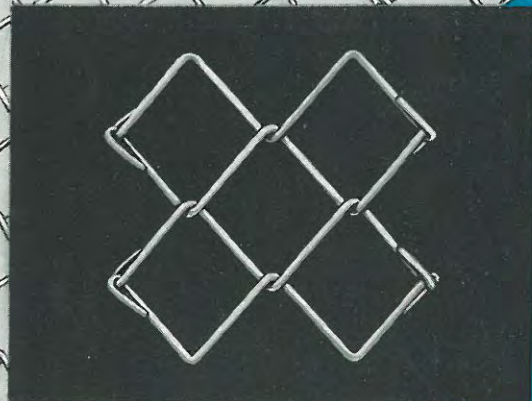
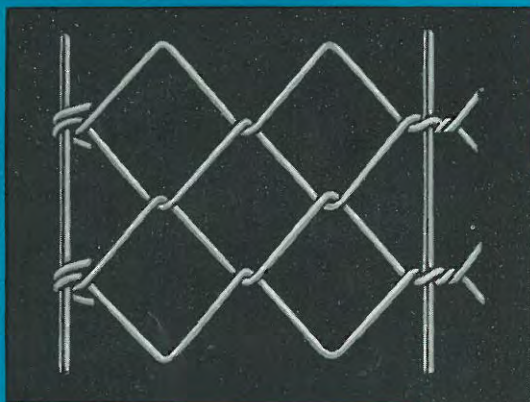
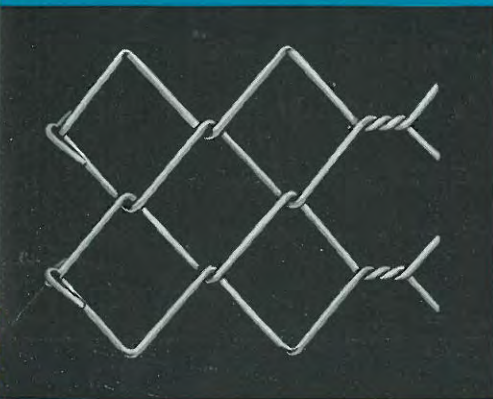


# increased production

Increased production with lower operating costs is the result of using the "Farmer Norton" Twin Spiral Chain Link Weaving Machine.

The operations of weaving, cut-off, knuckling, barbing and winding up are entirely automatic, and standard machines are fitted with a mesh counter to record the length of the coils. An automatic measuring device is supplied, which enables coils to be split after a predetermined length of fence has been made. It is not necessary to stop the machine to remove the coil.

Basket type reels are supplied for the wire coils, and the inlet pulleys are fitted with automatic trip devices which stop the machine if the wire snarls or before the tail end of the wire enters the machine. A switching device is fitted near the weaving spindle to stop the machine if the woven spiral runs incorrectly in the weaving tube. All the switches are reset by one push button on the main control panel. Each knuckling head is adjustable from the front of the machine to suit height and pitch of the fence.



# Farmer Norton

twin spiral, chain link, weaving machine

TYPE	HEIGHT OF FENCE	FLOOR SPACE REQUIRED
<b>NB 1</b>	6' 6" (2 metres)	9' 0" × 20' 0" (2.7 × 6.1 metres)
<b>NB 2</b>	8' 0" or 10' 0" (2.4 or 3 metres)	9' 0" × 23' 6" (2.7 × 7 metres)
<b>NB 3</b>	12' 0" (3.7 metres)	9' 0" × 25' 6" (2.7 × 7.8 metres)

RANGE OF WIRE SIZES	.056" — .192" (1.4 mm. — 4.9 mm.)
WIDTHS OF MESH	1" — 4" (25.9 mm. — 102 mm.) (square or diamond)
BLADE SPEEDS	300/405/610/800 R.P.M.
PRODUCTION IN SQUARE FEET/HOUR	2" MESH × 4' 0" = 1470 (51 mm. × 1.2 metres = 137 m <sup>2</sup> ) 2" MESH × 6' 0" = 1800 (51 mm. × 1.8 metres = 167 m <sup>2</sup> )

*Supplied as extras*

*Automatic measuring device*

*Gearbox for Meshes  $\frac{3}{8}$ " to 1" (10 mm. to 25.4 mm.)*

**THESE MACHINES ARE ALSO SUITABLE FOR THE MANUFACTURE OF FENCING IN ALUMINIUM, STAINLESS OR PLASTIC COATED WIRE**

## Sir James Farmer Norton (UK) Ltd.

Special Purpose Machinery Manufacturers

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