



150U
Sewing Head

Heavy duty head for sewing all types of open mouth sacks

- Simple design for easy operation and adjustment.
- Proven reliability in severe conditions all over the world.
- Gives a wide choice of plain or sewn through tape change-over.
- Good accessibility for maintenance.
- Automatic reservoir lubrication.

Range

Standard and extra high speed units are available.

Performance

The standard unit operates at up to 1440 r.p.m. with a sewing speed of 35' (11 m) per minute. The extra high speed model runs at 2000 r.p.m. with a sewing speed of 51' (15.5 m) per minute.

Plain sewn closures

For closing paper, textile or plastic sacks containing coarse powders, granules, pellets, nuts, etc.

- 1 Single Thread Chain Stitch**
- 2 Double Thread Chain Stitch**
- 3 Single Thread Cushion Stitch**

One thread with a twisted kraft paper reinforcing string laced into the stitch on needle side to strengthen the closure.

- 4 Double Thread Cushion Stitch**

Two threads with a twisted kraft paper reinforcing string laced into the stitch on the needle side.

- 5 'Rip Cord' Single Thread**

Sewn through single jute filler cord on the needle side with extended tail to pull for easy opening.

Sewn & taped closures

For closing paper and plastic sacks containing fine and very fine powders.

- 1 Single and Double Thread Cushion Stitch**

As described opposite but sewn through crepe tape.

- 2 Double Thread Single Filler Cord**

With needle thread applied through single jute filler cord on the needle side.

- 3 Double Thread Double Filler Cord**

With needle thread applied through two jute filler cords, one on the needle side and the other on the looper side.

Note: The Medway Sewing Head can operate with any good quality cotton; for general use, 12/5 grade is recommended. It can also use a range of equivalent synthetic threads.

Operation

For low outputs the sewing head is controlled by a foot switch and the sewing chain is cut by a moving nibbler knife. For medium and high outputs, automatic knife and switchgear are provided. On the automatic units, the entry of the sack starts the sewing head and when the sack clears the head, the knife cuts and the motor stops. This automatic sequence applies to machines fitted for plain sewing or sewing through tape.

Specification

Precision built with cast iron case and fully interchangeable working parts in hardened steel or high grade bronze. Needle, looper and feed mechanism are driven by four eccentrics on horizontal main shaft. Automatic lubrication from three oil reservoirs.

Adjustable stitch length is between 5/16" and 3/8" Knife Gear- Mounted on side of sewing head. Either operated from it or by independent solenoid or air cylinder. Blades of high grade tool steel.

Installation

The Sewing Head is rigidly secured by a single hand nut in a register on a head bracket, which locates it relative to the drive motor. The whole unit forms part of a standard pillar type sewing machine (see Leaflets 06, 08, 32) or a special purpose machine (see Leaflets 02, 33). For rapid starting, a low inertia 3 phase drive motor, of between 0.33 and 0.75 h.p. depending on sewing speed and duty, is recommended.

Note:

As viewed from the operator's side the sacks pass through the sewing head from right to left.

Complete packing plants

REED MEDWAY PACKAGING COMPANY OF INDIA has valuable experience in the design, supply and installation of open mouth and valve sack packing equipment and complete sack handling plants. The Company will be pleased to submit proposals to meet customers' requirements.

After-sales service

REED MEDWAY PACKAGING COMPANY OF INDIA offers a service covering installation, commissioning, operator training and maintenance. A comprehensive stock of spare parts is held at our works.

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