

HS 2000
Sewing Head



HS 2000 - Sewing Head

Features

- 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 closures.
- Sewing head secured by single handnut for quick change-over.
- Good accessibility for maintenance.
- Automatic reservoir lubrication.

Performance

The unit operates at speeds up to 2000 r.p.m. SI feet (SI.5m) per minute.

Operation

For low outputs the sewing head is controlled by a footswitch and the sewing chain is cut by a moving nibbler knife. For medium and high outputs, automatic knife and switch gear 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.

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 and automatic sack sealer. 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.

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 and taped closures

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

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 thread. Thread is available from Reed Medway -India

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 S/16" and 3/8" (8.0 and 9.Smm)

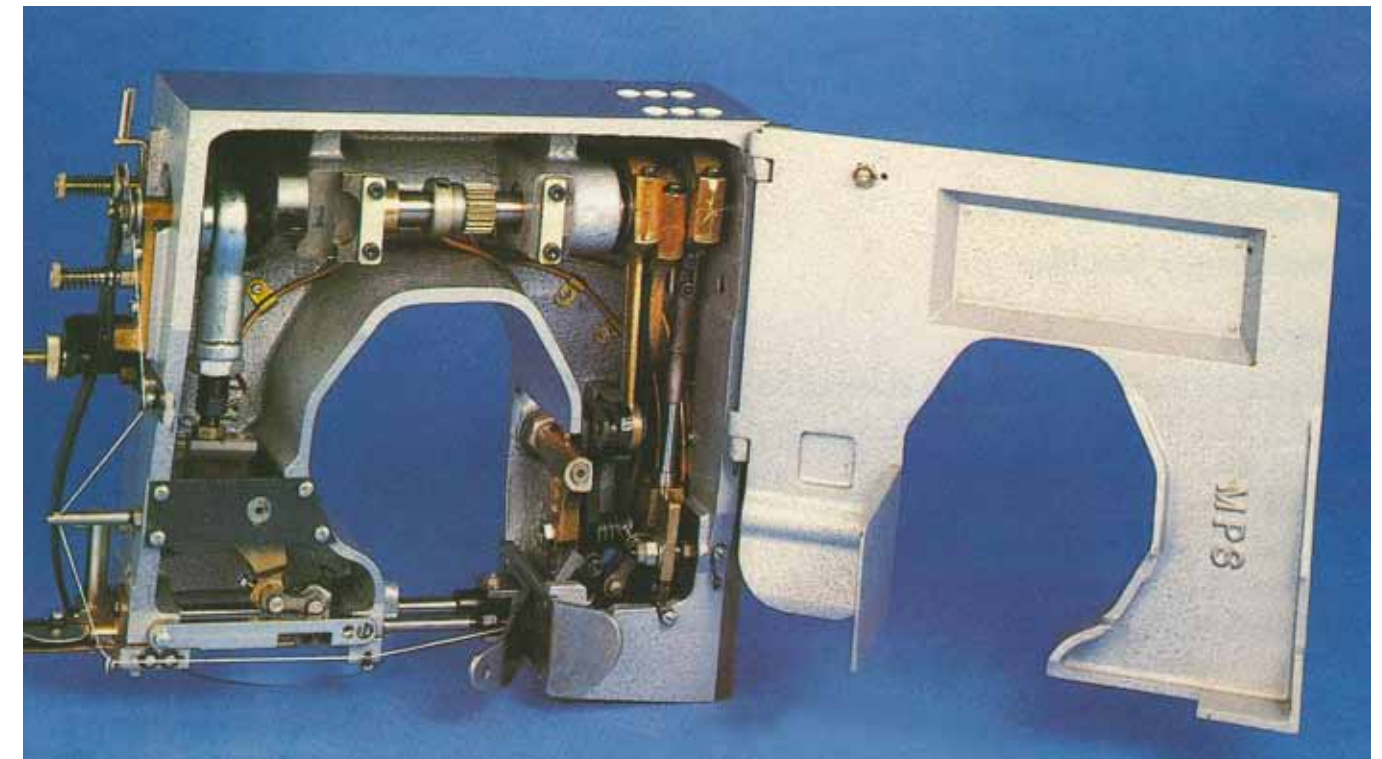
Knife Gear - Mounted on side of sewing head. Either operated from it or by independent solenoid or air cylinder. Blades of high grade tool steel.

Complete packing plants

Reed Medway -India have 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 -India offer a nationwide service covering installation, commissioning and operator training. In addition a routine service scheme is available to customers on a contract basis. A comprehensive stock of spare parts is held at Ballabgarh



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