

HM602

Tape feeding and cutting system



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The HM602 is a highly flexible and robust tape feeding unit that can be used in combination with most Dürkopp Adler M-Type flatbed sewing machines.

High quality design and mechanical construction ensures a reliable and powerful feed and cut unit that can easily handle tapes of various size, thickness and hardness. The tape can be up to 60mm in width and can be sewn onto the product with an edge to seam distance from 5 to 15mm.

Both the feeding and cutting mechanism are pneumatically driven, therefore ensuring maximal reliability with a minimum of electronic parts.

In order to monitor the feed and cut process, both the feeding and cutting mechanism are equipped with sensors that will detect a possible jam of material before serious harm can be brought to the equipment.

Standard the tape feeding unit is controlled by a EFKA DA321 sewing control unit, but it is also available as a so called stand-alone unit.

For the stand-alone configuration a dedicated HM control unit is used to control the tape feeding unit, thus making the unit also available for other types of sewing controls. Both the standard and the stand-alone unit do offer three operational modes:

1. Manual mode

With pushbuttons for feed and cut, the operator can insert and cut tape with the HM602 at start, end or during the seam.

2. Teach mode

The tape feeding and cutting position can be taught to the system whilst running a so called teach-in seam. During this seam feeding and cutting still have to be activated manually but the positions are stored to be used in auto mode later on.

3. Auto mode

In auto mode feeding and cutting are activated automatically at the pre-set positions that are stored during teach mode. The operator can overrule feed and cut anytime.

Conclusion:

The HM602 tape feeding unit offers a highly flexible and reliable solution in any situation where high speed attachment of wire pocket tape at various positions and of different lengths is required.

For more information, please contact:



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