

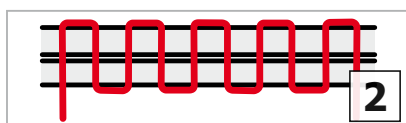
Technical Specifications Deco 2000

	Deco 2000 ATT			Deco 2000 with Bender Plate			
Stitch style	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">3</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> </div>			<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">3</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> </div>			
Sewing Speed	up to 500 spm						
Applications							
Stitch Length	0.1 - 10 mm						
Maximum Work Thickness	7 mm						
Distance from Material Edge	1 - 35 mm						
Backtacking	Optional			N/A			
Condensed Sttiching	Standard			N/A			
Recommended Thread Length	cone thread 400 - 900 mm standard pre-cut wax thread 400 - 1200 mm			pre-cut wax thread 400 - 1200 mm			
Automatic Thread Trimming	yes			N/A			
Recommended Thread	Polyester / Nylon Size 10-120			N/A			
Needle	Silcora Waxed Silk Thread Size A - Lightweight Material Size C - Medium / Heavyweight Material AMF Reece 59 - 83 - 1032 B1 Size 26, 28 - Lightweight material Size 36 - Normal weight material fine thread Size 38 - Normal weight material normal thread Size 49 - Heavyweight material						
Motor	Induction Motor; 0,37 KW						
Electrical Requirements	230 V, 50/60 Hz, 1Ph						
Table Dimensions	956 (L) x 630 (W) x 850 mm						
Machine Head Dimensions	1118 mm (L) x 940 mm (W) x 1118 mm						
Machine Head Weight	220 kg						
Dimensions Packed	1168 mm (L) x 1041 mm (W) x 1118 mm (H)						
Weight	338 kg						

Accuracy of illustration and description of equipment shown herein apply to products as manufactured at time of publication.



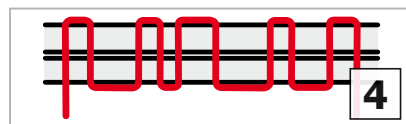
Pick Stitch



Saddle Stitch



Long/Short Variations



Customized Long/Short Variations



Features

Floating Needle System (1)

Floating Needle System was developed by AMF Reece to produce a "true hand stitch". The machine uses a double pointed needle which has an eye in the middle. By the use of two needle bars, one above and one below the work plate, a length of thread is passed through the material duplicating the hand stitch with flawless consistency and incomparable speed.



Needle Positioning Motor

The needle positioning motor automatically moves the needle to the correct position for turning the clothing garment. The operator can also automatically position the needle to enable threading.

Thread Trimming Mechanism (2)

The thread trimming mechanism allows the machine to handle standard polyester/ nylon cone threads. The trimming length is 400 - 900 mm depending on the sewn garment and can only be used when sewing the standard saddle stitch and its long/short variations. The required thread length is adjusted on the touch screen display.

Reversed Stitching Function

Any type of stitches can be reversed by a simple touch of a button placed on the work desk, at any speed and time during the sewing cycle (e.g. at the jacket lapel break point). This increases productivity and minimizes thread waste.

Backtacking & Condensed Stitching Function

It is no longer necessary to do separate bar tacking operations. To secure the beginning and end of the stitching the operator can take the advantage of condensed stitching or backtacking functions. Both are easily activated by a special pedal and the stitching parameters are set on the touch screen display.

High Sewing Speed

High Sewing Speed up to 500 spm makes the Deco 2000 ten times more productive than hand sewers, providing ensuring consistent quality.

Excellent Performance

High and consistent quality on all types of fabric is assured by using the double pointed needle, which is passed through the fabric between opposed needle bars. Other machines of this type have a single needle bar and an "open eye hook" needle. This can cause problems in more delicate fabrics by snagging the fibers. The Deco 2000 machine is the only "Real Imitation Hand Stitching Machine" available.

Customized Style Stitching

Unique customized decorative style stitching can be easily adjusted on the touch screen, in addition to the pick stitch, saddle stitch and long/short variations. Each custom stitch pattern comprises of a sequence of 10 different upper and 10 different lower stitch lengths.

No Need for Special Waxed Threads

Either standard polyester/nylon cone or pre-cut waxed silk thread can be used depending on the machine modification and application. The use of the standard thread eliminates color matching issues; threads are available in a wider range of sizes and can be also employed in other garment applications. Nevertheless, when sewing the true "pick stitch", it is necessary to use the pre-cut waxed silk thread which is specially twisted to give the hand stitch appearance.

Edge Material Gauge (3)

This special gauge ensures straight stitching along the material edge. It is especially recommended when sewing to the material edge, for example with the pick stitch application on men's jackets. The minimum distance from the garment edge is 1 mm.

Improved Needle Guidance (4)

New design of the throat plate and the clamp feet improves the needle guidance and minimizes the skip stitching. It also significantly helps to sew the stitches more close to the material edge.

Easy Maintenance (5)

Thanks to the new design of the bedplate, the maintenance of the sewing area is now very comfortable. The operator can very easily pull off the magnetic left bended throat plate from the machine and enter the sewing area if needed.

Applications

The Deco 2000 machine can be used for a wide range of applications such as men's/ladies' tailored jackets, suits, overcoats, leather wear, ladies' blouses and in the car industry.

Available Models

Deco 2000 ATT

The Deco 2000 Automatic Thread Trimmer is suitable for sewing saddle stitch, long short variations and decorative style stitching. Models are now newly equipped with a thread trimming mechanism and can handle standard cone thread. Pre-cut threads can also be used by turning the thread trimming mechanism off.

Deco 2000 with Bender Plate

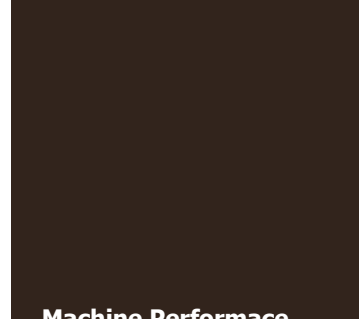
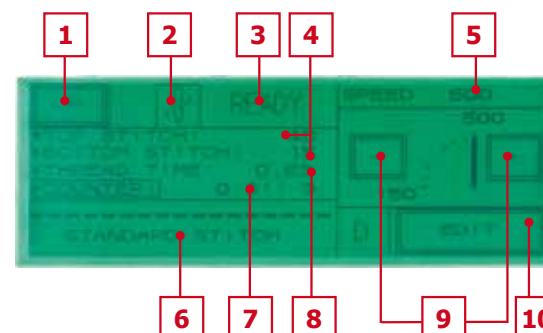
The Deco 2000 with Bender Plate is recommended for sewing a true "pick stitch".

The bender plate device gives the advantage of placing a small stitch on each site of the fabric with a space between each stitch. This is achieved by the bender plate raising the fabric prior to each stitch, thereby creating a small amount of fullness in the fabric between each stitch.

Single pre-cut waxed silk thread (up to 1200mm) should be used for its stronger and special waxed surface. The use of this thread gives maximum productivity and a high quality finish which far out weights the higher thread costs. Alternative high quality sewing threads can also be used but with a slight loss of productivity.

PLC Microprocessor Control with Graphic Touch Screen

The display provides the operator with a user-friendly working environment. All operations such as stitch type, sewing speed, stitch length and thread trimming time etc., are performed using easily understood symbols, which require no language translation.



Machine Performance
250 to 300 jackets
per 8-hour shift

1. Home Position
2. Thread Trimming Selection
3. Display Machine Status
4. Stitch Length Indicator
5. Sewing Speed Indicator Counter
6. Thread Trimming Time Indicator
7. Sewing Speed Adjustment
8. Stitching & Trimming Adjustments