VERSATILE • FAST • RUGGED

for Bag Closing

for Geotextiles

The

Class 2200

Portable Single Thread
and Two Thread Machines

UnionSpecial®

For a *flexible and reliable system* for bag closing...

For *maximum efficiency* in sewing geotextiles...

the choice is obvious... the portable Class 2200

The 2200 is a dependable and proven machine that's easy to operate and used by companies all over the world.

What makes the 2200 so ideal for your operation?

- **Adjustable stitch length**
  A simple adjustment for a stitch length range of 3-8½ stitches per inch (3-9mm). Standard setting: 3 stitches per inch (8mm).

- **Single thread chain stitch or two thread double locked stitch**
  All models for two thread double locked stitch (stitch type 401) can easily be converted into single thread chainstitch (stitch type 101) and vice-versa.

- **Sewing capacity: up to ⅜" (9 mm),** or up to 24 plies of paper.

- **Built-in thread chain cutter**

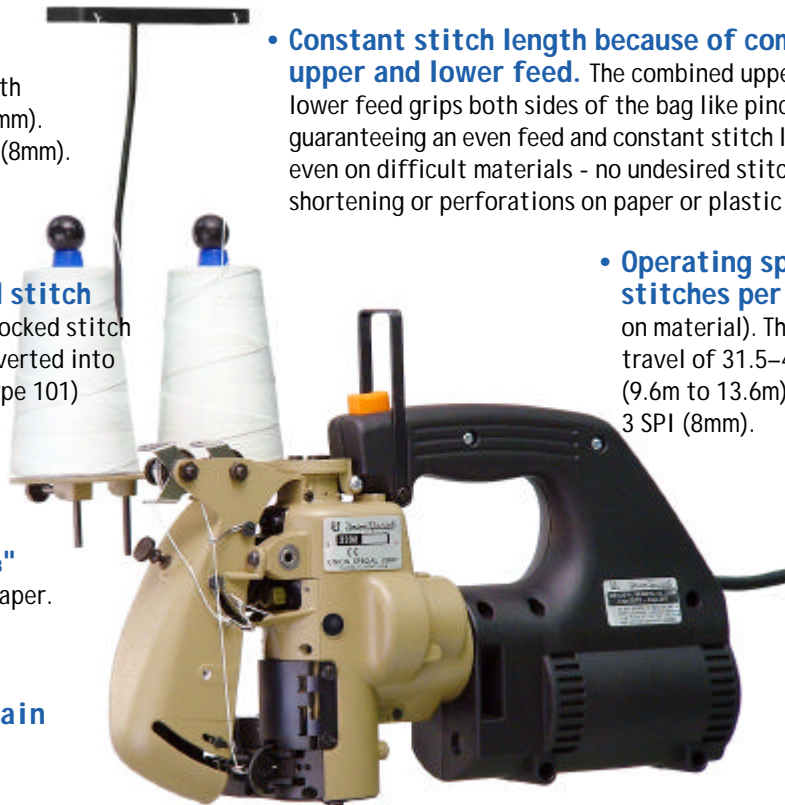- **Weight only approximately 11 lbs (5 kilos)**
  Light weight well-balanced machine perfectly fits the operator's hand and permits effortless operation.

- **Dustproof and permanently lubricated motor ball bearings.**

- **Constant stitch length because of combined upper and lower feed.** The combined upper and lower feed grips both sides of the bag like pincers, thus guaranteeing an even feed and constant stitch length even on difficult materials - no undesired stitch shortening or perforations on paper or plastic bags.

- **Operating speed: 1200-1700 stitches per minute** (depending on material). This results in a linear travel of 31.5–44.5 feet per minute (9.6m to 13.6m) at a stitch length of 3 SPI (8mm).
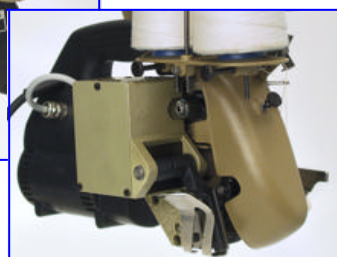
- **Direct drive** with a fan cooled, advanced design electric motor. Motor speed nearly constant, even under various loads, when sewing light or heavy weight goods. Heavy duty, automatic shut-off carbon brushes prevent damages to the armature. Motor housing with handle made of fiberglass-reinforced break-resistant polyamide. Power cable approx. 16 ft. (5m) long.

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Electrical Specifications	available styles		optional devices			
	Two thread chainstitch type 401	Single thread chainstitch type 101	Top lock spring balancer 90191M	Pedestal H1400T	Pedestal H1400F	Tape folder and mechanical tape cutting device G29901A50 G29901A60
220-240V, 50/60 cycles Protection Class II* (with protective insulation)	2200AS	2200AAS	●		●	●
220-240V, 50/60 cycles Protection Class I (with ground)	2200A	2200AA	●		●	●
110-125V, 50/60 cycles Protection Class I (with ground)	2200B	2200BA	●		●	●
42V, 50/60 cycles Protection Class III (safety extra-low voltage)	2200F	2200FA	●		●	●
24V DC Complete with battery belt	2200MB	2200MAB				
12V DC Protection Class III (safety extra-low voltage)	2200M	2200MA	●		●	●
Compressed-air motor. Operating pressure 50 psi, air consumption 8.5 CFM (3.5 bar, 240 liters/min.)	2200L	2200LA	●			●
Styles with start/stop controlled by feeler switch						
220-240V, 50/60 cycles Protection Class I (with ground)	2200AT		●	●		
110-125V, 50/60 cycles Protection Class I (with ground)	2200BT		●	●		
Styles with rust resisting sewing parts for sewing under wet conditions						
42V, 50/60 cycles Protection Class III (safety extra-low voltage)	2200FC	2200FAC	●		Available with powder coated movable stand 90709FB	
Compressed-air motor. Operating pressure 50 psi, air consumption 8.5 CFM (3.5 bar, 240 liters/min.)	2200LC	2200LAC	●			
Styles with tape folder and solenoid operated tape cutting device. Start/stop and cutter switch in handle.						
220-240V, 50/60 cycles Protection Class I (with ground)	2200AB	2200AAB	90191MA1			
110-125V, 50/60 cycles Protection Class I (with ground)	2200BB		90191MA1			

Sew-thru tape closure **Styles 2200AB, BB** come with tape folder and solenoid operated tape cutting device.

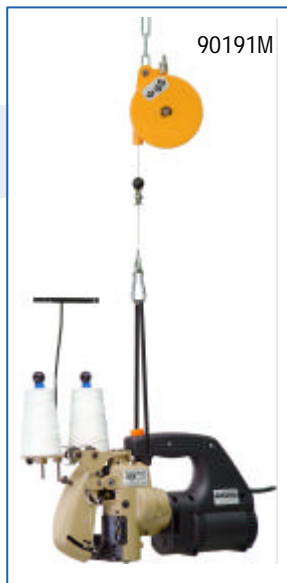Compressed air-powered **Styles 2200L, LA** are ideal for wet environments.

Accessories to help you get the most from your 2200

Top lock spring balancer 90191M or **90191MA1** (see chart) is recommended for effortless operation of the machines. A top lock spring balancer reduces operator fatigue, and keeps the suspended machine always handy and safe.

90191M

2103E

Bag feed-in guide 2103E with extended guides provides control of bag top into sewing area for styles which are used stationary with a pedestal and also serves as a sewing guard.

For stationary installation, Union Special offers two pedestal styles consisting of a base and column with clamp to be attached or screwed to any table. The vertically adjustable clamping device can be easily lowered or raised to accomodate closing bags and sacks of various sizes.

The pedestals styles are:

Pedestal H1400F consisting of base, 21" long column (535mm), machine support and electric foot switch (inset photo).

Pedestal H1400T similar to H1400F, but without electric foot switch, for feeler switch-operated styles 2200AT/BT.

Tabling for stationary installations:

Movable table 90709PS with solid iron frame and formica table board 21¾"x41¾", height 36¼" (55x106cm, 92cm high). The table board is fitted with a roller-type conveyor.

Further tabling on request.

THE 2200 CLASS IS THE #1 PORTABLE MACHINE FOR SEWING GEOSYNTHETICS — WHY?

- **Rugged, portable unit**
  Although it weighs just 11 pounds, the 2200 stands up to hard everyday use, even under harsh conditions. Sealed, dustproof motor bearings; break resistant handle/motor housing; long-life motor brushes are your assurance of a **lasting** investment.

- Adjustable stitch length of 3 to 8½ SPI
  Easily set the stitch length to meet different seam specifications.

2200 EXCLUSIVES

- Feeding power
  The upper and lower feed helps with hard-to-feed fabrics.
  The unit moves itself as it sews, versus the operator pulling it along, thus reducing fatigue.

- Two thread or single thread stitch type   • Electric or pneumatic version   • ⅜" sewing capacity

ACCESSORIES

- **LTS1 Thread Stand** for use with 1# thread cones
- **MB100 Carrying Case**

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Subject to change without notice.