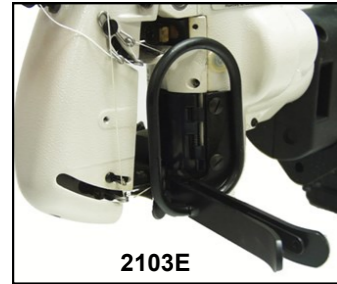


Accessories to help you get the most from your 2200

Top lock spring balancer 90191M 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.



2103E



90191M

Bag feed-in guide 2203E provides control of bag top into sewing area and serves as a sewing guard.

Bag feed-in guide 2103E with extended guides for styles which are used stationary with a pedestal; 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 accommodate closing bags and sacks of various sizes.

The pedestals styles are:

Pedestal H1400FWS consisting of base, 21" long column (535mm), machine support and electric foot switch (inset photo).

Pedestal H1400TWS similar to H1400FWS, 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.



V E R S A T I L E • F A S T • R U G G E D

for

Bag Closing

for

Geotextiles



The

Class 2200

Portable Single Thread

and Two Thread Machines



THE 2200GA & GB ARE THE #1 PORTABLE MACHINES FOR SEWING GEOSYNTHETICS — *WHY?*

- ◆ **Rugged, portable unit.** Although it weighs just 11 pounds, the 2200GB & GA stands up to hard everyday use, even under harsh conditions. Sealed, dustproof motor bearings; break resistant handle/motor housing plus 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.
- ◆ **More Feeding power** The **Extra Heavy 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.
- ◆ Equipped with LTS1 Thread Stand, for use with 1 lb. thread cones
- ◆ Heavy Duty Loper with large eyes, for sewing heavier thread
- ◆ Two thread Chainstitch
- ◆ 3/8" sewing capacity

ACCESSORIES

- ◆ MB200 Carrying Case



Union Special
Finest Quality Since 1881
INDUSTRIAL SEWING EQUIPMENT

Subject to change without notice © Union Special GmbH

FORHANDLES AF



ROTHENBORG
INDUSTRIEMASKINER
GUDUMKÆRVEJ 6 • DK-7400 HERNING
www.rothenborg.dk • Tlf. +45 97 15 63 33

Union Special
Finest Quality Since 1881
INDUSTRIAL SEWING EQUIPMENT



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).

• **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.

• **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.

• **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).

• **Stand-up feature**

The design of the motor housing permits the operator to stand the unit in an upright position when not in use.

• **Sewing capacity: up to 3/8" (9mm) 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 motor housing and permanently lubricated motor ball bearings.**

• **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.

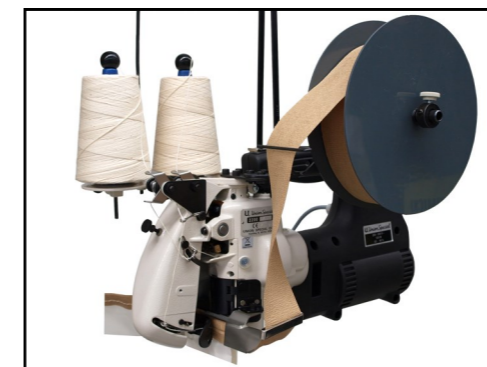


Style 2200GA/GB Geotextile machine with Extra Heavy upper and lower feeds.

Battery powered **Style 2200GMR** for operations where no electricity is available! Plug in battery charger included.



Electrical Specifications	Available Styles		Optional Devices		
	Two thread chainstitch type 401	Single thread chainstitch type 101	Top lock spring balancer 90191M	Pedestal H1400TWS	Pedestal H1400FWS
220-240V, 50/60Hz Protection Class I (with ground)	2200A	2200AA	•		•
110-125V, 50/60Hz Protection Class I (with ground)	2200B	2200BA	•		•
220-240V, 50/60Hz Protection Class II (with protective insulation)	2200AS	2200AAS	•		•
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	•		
42V, 50/60Hz Protection Class III (safety extra-low voltage)	2200F	2200FA	•		•
Styles with start/stop controlled by feeler switch					
220-240V, 50/60Hz Protection Class I (with ground)	2200AT			•	
110-125V, 50/60Hz Protection Class I (with ground)	2200BT			•	
Styles with rust resisting sewing parts for sewing under wet conditions					
42V, 50/60Hz 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, 50/60Hz Protection Class I (with ground)	2200AB	2200AAB	90191MA1		
Styles for sewing Geotextiles					
220-240V, 50/60Hz Protection Class I (with ground)	2200GA		•		
110-125V, 50/60Hz Protection Class I (with ground)	2200GB		•		
Rechargeable Battery operated style					
24V, 120 watt DC-motor (220-240V, 50/60Hz battery charger) Protection Class III (safety extra-low voltage)	2200GMR		•		



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

*Compressed air-powered **Style 2200L** is ideal for wet environments. Hose and regulator are standard.*

