

Excellence in seaming

PFAFF[®] Industrial



8303

Hot-air seaming machine for continuous seam-sealing on waterresistant, waterproof and breathable materials



Application:

Seam sealing of materials for the production of garments and shoes, clothing for military and public authorities, protective clothing and tents and awnings. Seam preparation for foam padded automobile seats, head- and side rests.

Special features:

- Three types of post available:
8303-040 for clothing, post from front, roller width 25 mm
8303-041 for clothing, post from front, roller width 28 mm
8303-042 for shoes, narrow post from rear, roller width and roller diameter 25 mm
- Even and constant temperature profile through patented, adjustable doublechamber nozzle, quickly exchangeable
- Tape cutter with separate motor and pressure roller for welding of tape ends (no cutting of tape ends necessary); Special heat shield
- Feed rollers are chain driven for optimum sealing of thick seams
- Hot-air swing-in fixture with possibility for reproducing the nozzle setting
- Precise temperature adjustment
- Reliable sealing of cross seams due to the penetration depth adjustment of the top feed roller and separate roller pressure adjustment. Nozzle rises with the top roller
- Depth stop for upper feed roller and separate roller pressure regulator for perfect sealing of cross seams and long life time of silicone rollers
- Automatic reverse motion when stopping within seam without tape cutting
- Lift of upper feed roller 25 mm for seam sealing of thick and puffy materials (shoe liners of fur imitation, winter jackets, etc.)
- Microprocessor control with error diagnostic
- Operator friendly control panel
- New processing possibilities which can be controlled from the conveniently located control panel, such as:
 - cold "pressing"
 - warm "pressing"
 - logical electronics stop tape feed motion during pressing function
 - roller presser, raised
 - roller presser, lowered
 - automatic tape threading

Optional:

- Feed roller with replacable silicone layer
- Slanted base for stronger slant
- Laser marker
- Work lamp

Technical data:

Tape width: up to 26 mm
Welding temperature: up to 650 degr. C.
Heating capacity: 3,6 KW
Welding speed: up to 10 m/min.
Power supply: 230V, 50/60 Hz, 10 Amp.
Compressed air requirement: 60 – 120 l/min, 6 bar

Seam testing station:

Its purpose is to check the waterproofness (according DIN EN 20811) of seam-sealed/welded seams.

With a small testing plate, pneumatic (95-257 514-94/004)



With a large testing plate and hand pump (95-257 514-94/001)

