

Excellence in seaming

3811

Integrated workstation to pre-gather and apply fullness



PFAFF 3811

Applications:

The accuracy of the gathering work plays a decisive role for the design, processing and the overall visual impression of the finished products. The machine stands out for its consistent gathering quality, without any pleats. Seams in outer materials in leather and 400-gramme Dacron wool can be gathered to as much as 40 percent of the original length without any problem.



3811-3/55

For processing California style shoes, clogs and moccasins



3811-15/65

For pre-gathering upholstery covers of velour, leather or plastic-coated materials



3811-16/65

Under-stitching and trimming the wadding, with partial gather, and attaching a tape at the same time (in ONE operation)

Special features:

- Special part kits and differential top + bottom feed ensure an accurate gathering work
- Exact gathering sections and even gathering effects
- Fast and easy programming of new sewing sequences on the touch-control panel.
All gathering sections are illustrated on the graphics control panel
- The gathering amount are continuously adjustable (0 - 99%) via touch-control panel. 30 gathering amounts can be recalled via hot keys which are placed in the handling area of the operator.
- Unique sewing program system due to the automatic establishment of the machine parameters after the ACTUAL and REQUIRED length of a gathering section has been entered
- Maintenance-free edge trimmer with pivot bearing and knife fitted at a slanted angle in the direction of feed to help the material throughput (sub-class: -16/65)
- Original PFAFF Industrial machines have an additional security label with several security features on the machine head. The advantage of this security label is the protection against growing product piracy.



Versions and equipment:

Versions:	-3/55	-15/65	-16/65
SHOES	•		
UPHOLSTERY COVERS		•	•

Equipment:	-3/55	-15/65	-16/65
Keyboard for 30 reproducible gathering amounts	•	•	•
Touch-screen control panel with seam programming	•	•	•
Tape processing either from above or below including tape reel holder	•	•	•
Edge trimmer, trimming margin 6.0 mm			•
Edge guide	•	•	
Thread lubricator (No. 91-089 925-70)	○	○	○
Tape brake (No. 91-186 195-90)		○	○
Thread trimmer -900/71	○	○	
Tape dispenser (No. 91-188 329-70/895)	○	○	○
Sewing head PFAFF 5487/548. Single needle, two thread chain stitch (stitch formation 401)	•	•	•
Electropneumatic automatic presser foot lifter	•	•	•

• = standard
○ = option

Specifications:

Stitch type: 401

Max. sewing speed: 3,200 s.p.m.

Standard stitch length:

-3/55: 2 mm

-15/65 and -16/65: 3 or 4 mm

Max. gathering stitch length: 8 mm

Needle system:

Leather: 4463KKD

Fabric: 4463-35

Needle size:

80-120 dependent on material

Input voltage:

A/C 190/240 V, 50/60 Hz

Input power rating: 0.55 kW

Motor speed: 4,000 s.p.m., 50/60 Hz

Working air pressure: 6 bar

Air consumption:

approx. 0.3-0.5 l/cycle, dependent on model

Net weight: approx. 108 kg

Dimensions: 1.25 x 0.6 m



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