

Engineering Works Jakob Müller Ltd.

CH-5262 Frick Switzerland

Narrow Fabric Looms, Weft Knitting Machines

Phone 064 605111

Telex Distribution 982 292 jmf ch

982 293 jmf ch

Central office 982 234 jmf ch

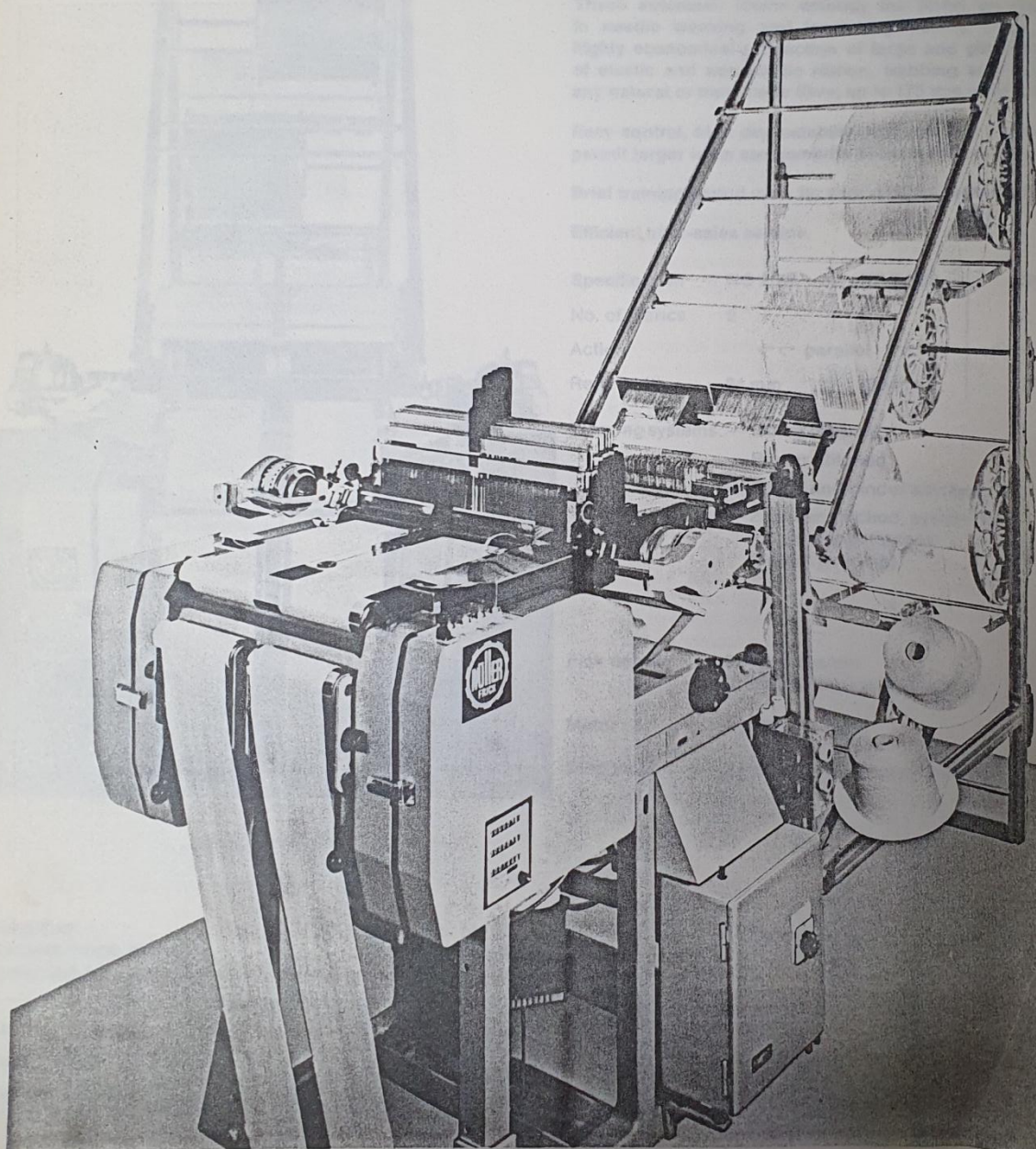
Cables MULLERFRICK



HEAVY BELT ← 7/120 GG

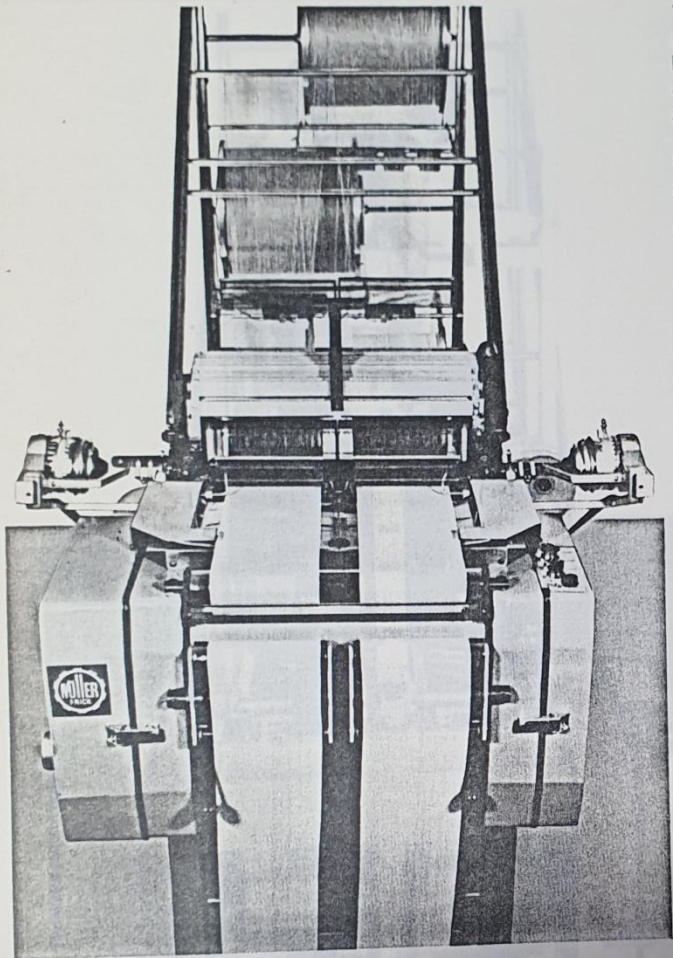
High-speed
narrow-fabric loom

NC



NC

High-speed
narrow-fabric loom



These automatic looms embody the latest developments in needle weaving and loom engineering. They ensure highly economical production of large and small yardages of elastic and non-elastic ribbon, webbing and belting, in any natural or man-made fibre, up to 175 mm reed width.

Easy control, high dependability and minimal maintenance permit larger loom assignments to be made per operator.

Brief training period even for semi-skilled personnel.

Efficient after-sales service.

Specification	NC 2/84	NC 2/130	NC 2/175
No. of fabrics	2	2	2
Action	↔ parallel ↔		opposite ↔↔
Reed width	84 mm	130 mm	175 mm

Weaving systems: — Filling stitched
— Binder stitched
— Filling and binder stitched
— 2 binder stitched, system 5, for permanent edges (patent pending)

Pick density 3—45 picks/cm
(from 0.5 pick/cm on request)

Motor 1.5 HP (1.1 kW)

Stop motion All threads monitored electronically

Shedding:
Harness frame motion
controlled by

No. of
harness frames

Repeat length

Cams

4, 8, 12 or 16

8

Pattern chain

4, 8, 12 or 16

16—48*

Mutronic® dobby

16 or 20

Standard 1500 picks

* 48—300 on request, longer repeats if required

Important features:

unit distance required. No trial-and-error, no loss of material or time. Special take-off rollers and double take-off for very heavy articles. Take-off or pressure rollers have elastic covers, so as to protect even the finest filling and warp filaments. Roller pressure adjustable to type of article.

Picking system (Muller patent)

Designed on the new tumbling motion principle, the system presents eminent advantages:

- Low-stress weaving geometry. Filling tension remains constant throughout weaving. Filling yarn of low tensile strength can be used.
- Drive elements free of backlash (no gears). Hence very smooth operation with little vibration. No wear.
- No maintenance.

Latch needle drive

The use of cams for the latch needle drive and the facility of setting the needle stroke permit the motion to be optimally adapted to the article. Absolutely dependable latching process. Neat edges.

Filling feed

Low-stress continuous positive belttype feed (Muller patent) for NC 2/84 and 2/130. Storage feed unit for NC 2/175. Binder feed positive, with easy precision-setting.

Electrical equipment

The standard models include:

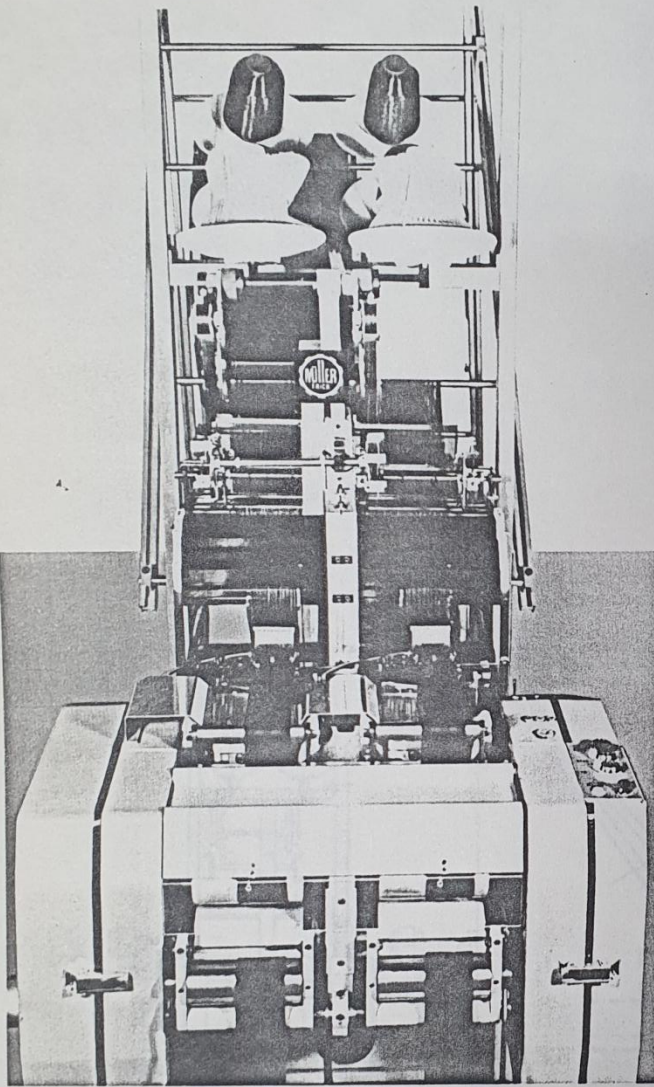
- Control box on vibration-proof support
- Self-monitoring electronic system controlling all functions
- Shock-proof electronic warp, filling and binder stop motions
- Push-button control
- Visual yarn breakage indicator
- Switch for brake release
- Remote-indicating monitor panel
- Loom completely wired up, including main fuse and motor cut-out

Controls

All controls are clearly arranged within easy reach, easily accessible and easy to operate. Minimum down-time on yarn breakage. Change-over between binder weaving and no-binder weaving is effected in a few minutes. Short setting-up time on change of article.

Loom drive

A three-phase motor with fitted rapid-response single-disk spring brake ensures gentle starting and jerkless stopping. The optimal weaving speed can be set by variator.



Basic machine

The compact, heavy cast-iron construction and the careful balancing of all rotating parts largely eliminate noise. Smooth running virtually free of vibration.

Fabric take-off

The oil-immersed reduction gearing permits even heavy fabrics to be pulled along easily by hand. Pick density, to be set with effortless ease, remains constant over any

Lubrication

All gearing oil-immersed.

Interchangeability

Close-tolerance production of all components.

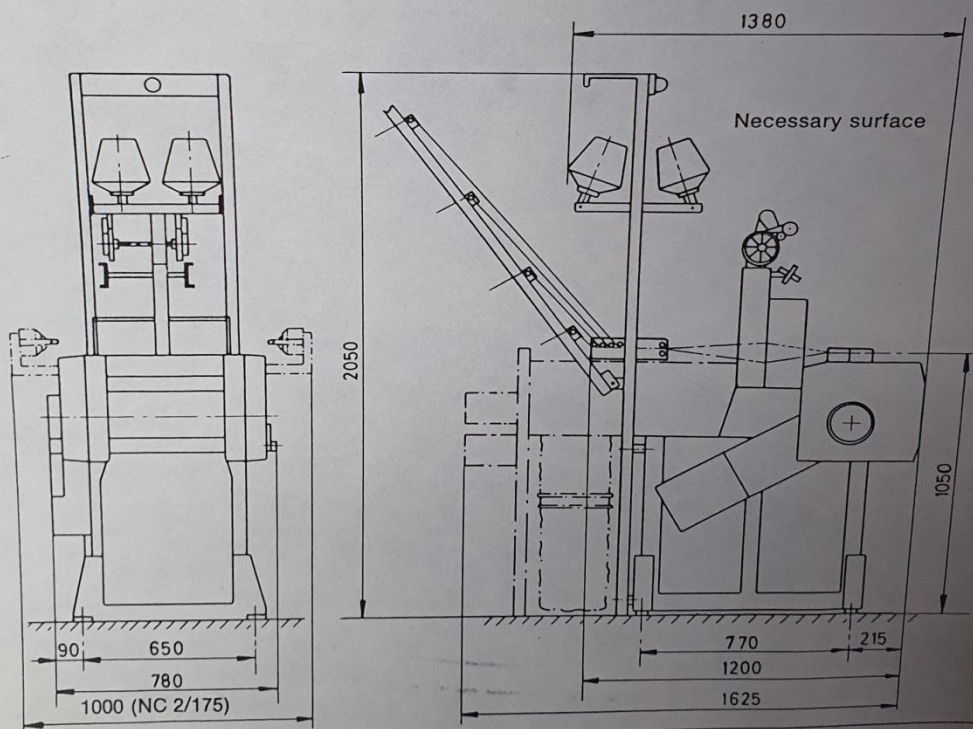
Various accessories available for special fabrics

- e.g.
- double and triple needle systems
 - multicolor picking
 - velvet, webbing, belting, bandaging
 - surface adhesive tape

Accessories

Available as extras:

- Positive rubber feed
- Rear fabric take-up
- Aircleaner
- Creel for weaving from cones



This leaflet contains photos and technical data for information only, without contractual engagement.



Narrow fabric weaving machines NC

for medium to heavy, elastic and nonelastic articles of all textile raw materials.

Basic models	NC 2/84	NC 2/130
Number of spaces	2	2
Max. reed width (mm)	84	130
Shedding motion	16 shaft frames; cams/pattern chain	
Pick repeat	8, 16-48/200	
Available on request with	<ul style="list-style-type: none"> - dobby MÜTRONIC - multicolor weft - etc. 	