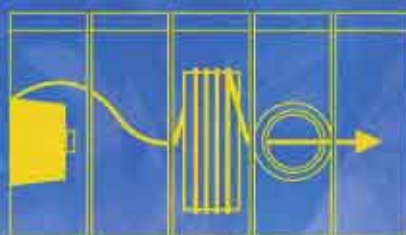




SEMITRONIK



WEFT ACCUMULATOR





WEFT ACCUMULATOR WEFT FEEDER FOR SHUTTLELESS WEAVING MACHINE

The tensionless Weft Feeding Device WEFT ACCUMULATOR has been introduced to eliminate weft yarn feeding problems on shuttleless loom with a maximum weft yarn demand of 1500 mtrs/min. per colour. The WEFT ACCUMULATOR unit can be used for spun as well as continuous filament yarns in coarse and fine counts. The unit is with a stationary yarn drum, which provides special advantages during the operation cycle.

PERFORMANCE DATA

- Can be used on all shuttleless projectile & Rapier weaving machine.
- Reversing switch for change of rotation (S or Z twist).
- Speed control from 50 to 1200 mtrs/min.
- Drum adaptable to weft yarn elasticity by stepless adjustment on its taper.
- Weft reserve steplessly variable during operation.
- Braking ring steplessly adjustable on site.

ELECTRICAL / ELECTRONIC SPECIFICATIONS

- 48 V two-phase AC motor with 3600 RPM.
- Speed control by frequency modulation and voltage variation.
- Magnetic flow effect sensing.
- Power supply control box with connections for 4 to 8 feeders.

GUARANTEE

12 months for all electrical, electronic and mechanical parts, except wearing parts.

THE THREAD RESERVE BUILD

The weft feeder for shuttleless weaving machines coils a yarn reserve onto the drum with eccentric motions of the winding drum.

Each coil wound on during a revolution of the winding disk pushes the previous coil on. With this principle the thread loses its tension continuously on the winding part of the stationary drum.

WELL-THOUGHT-OUT THREAD GUIDING ENLARGES THE WORKING FIELD

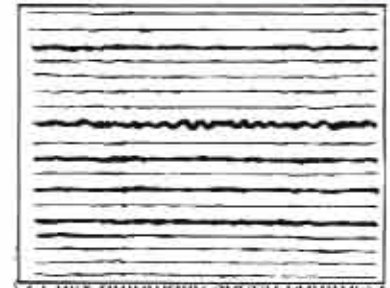
The yarn passes through the hollow motor shaft and the thread guiding tube in the winding disk, as well as an eyelet for different yarn counts. Owing to this enclosed thread path the motor operates dependably at all times, unaffected by yarn dust.

The winding disk with its eyelet rotates as a closed plate covering the motor. The rotation precludes deposition of dust and the absence of casing gives a bigger working field.

The magnet sets holding the accumulator drum are likewise arranged on the inside, providing better access and visibility of the reserve.

WEFT FEEDER CAN HANDLE DIFFERENT YARN TYPES AND COUNTS

A wide assortment of different yarn types and counts are woven using the same weft feeder such as cotton, wool, silk, jute, linen, polyester, nylon, glass, fibre yarn, fancy yarn etc.



○ Any automatic speed control.

Weft stop motion at the entry of weft accumulator.

- Continuous and adjustable yarn division.
- Different yarn types and counts

woven on the same machine without major resetting.

- S and Z twist adjustable.
- Quick braking, winding disk with eyelet visible at once.
- Large working field and good view of the accumulator drum and yarn reserve.
- Good access to the eyelet.
- Threading hook easily introduced.
- Electronics replaceable after unfastening only two screws.
- Easy cleaning.



For further details, contact



Since our policy is of continuous development and improvement, we reserve the right to supply product which may differ from those illustrated & described in this publication.

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