

27320



Exchange from analog to digital weft stop motion on Sulzer TW11.

Advantage of the digital system.

- 1 Less sensitivity for interference.
- 2 Mixbox print compatible with Sulzer PU and upwards.
- 3 Mechanically stronger central control unit.

New parts needed:

- 1 pcs. central control unit 27320.
- 1 pcs. mixbox print 53906, 53916 or 53946. Make sure it is film C or higher.
- 1 pcs. 3-p connector.
- 1 pcs. 15-p connector.
- 1 pcs. "Connection diagram, 27320".
- 1 pcs. "Connection diagram 53906", "Connection diagram 53916" or "Connection diagram 53946".

Recommended new parts:

- 1 pcs. Change of 70° flag to 90°, if necessary.
- 1-4 pcs. Change from weft sensor 2017 (5175x) to new type weft sensor 51705, 51706 or 51707.

Eltex	Analog board	Remark	Digital board
Type: Part no.:	2711, 2712 with flight trigger device. 27110, 27120 with 41103	Check flag 70°/90°	27320
Type: Part no.:	2721, 2722 27210, 27220		27320
Type: Part no.:	16271, 16272 with projectile finder 16271, 16272 with 42771	Flight trigger with red LED (Light Emitting Diode).	27320 and 42771

Analog amplifier box/print Eltex part no.:	Remark	Digital amplifier print Eltex part no.:
53700, 53701, 53702, 53704, 53705, 53706	Amplifier box/print ES	53906
53710, 53715, 53720, 53722, 53730, 53731 53810, 53811, 53820, 53822, 53826, 53830, 53831	Amplifier box/print ZS/VS/MS	53916
53710, 53715, 53720, 53722, 53730, 53731 53810, 53811, 53820, 53822, 53826, 53830, 53831	Amplifier box/print ZS/VS/MS. Double insertion possible.	53946

Mounting instructions

1. Attach the "Connection diagram, 27320" on the inside of the Eltex case.
2. Replace Central control unit with Eltex 27320. Connect according to diagram.
3. Attach the "Connection diagram 539X6" inside mixbox.
4. Replace mixbox print.
5. (Replace weft sensors.)
6. Adjust amplification and flight trigger settings.

Note

- 1 Colours of weft sensor cable parts differ between old 2017 (red/black), and new 5170x (white/brown).
- 2 In some old mixboxes the earth connection via the screws is not sufficient. Consider a) or b) below.
 - a) Use the earth cable from the old print and solder it on the solder side of the print (earth area).
 - b) Replace the box with a newer type.