

## Completion to the Operator's Manual MACH4

### MACH4-24V

Part No. 9008617 Edition: 3/10

#### Product Description

MACH4-24V allows an operation independent from the mains voltage. The printer is designed for operation with a storage battery (22 - 30 VDC, 8 A).

The printer has nearly the same functionality like the standard MACH4 printers. Only the maximum print speed is limited to 100 mm/s.

#### Connection to Storage Battery

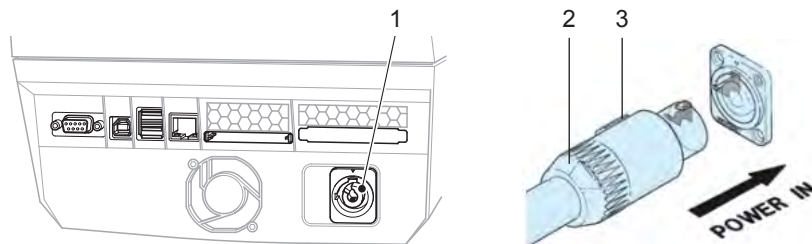


##### Attention!

**Operate the printer with storage battery only ! Do not use the printer with a power supply unit !**

The printer is equipped with a Neutrik® PowerCon® chassis plug. To connect the external storage battery a Neutrik® PowerCon® cable socket Type NAC3FCA is needed.

Assignment of the cable socket : L+ N-



- ▶ Connect the cable socket (2) to the chassis plug (1) and turn the socket clockwise by 45 degree to fix it.



##### Notice!

The printer has no ON/OFF switch. The printer is immediately switched on after connecting the storage battery.



- ▶ To disconnect the battery pull back the clasp (3), turn the cable socket (2) counterclockwise by 45 degree and detach it from the plug (1).



##### Attention!

**Risk of damage ! Do not disconnect the battery during printing !**

#### Display of Battery Charge and Low Voltage Behavior

- On the display the additional widget  is available, which shows the battery charge state. Activation of widgets ▶ Configuration Manual.
- If the battery charge falls below approximately 30% the printer sends an acoustic signal every minute. The printer still can be operated.
- If the battery voltage falls below 21 V the printer shows  , sends an acoustic signal at frequent intervals and switches into a powersave mode. In that mode the printer cannot be operated.
- If the voltage falls below 20 V, the printer will be switched off automatically to avoid a total discharge of the battery.

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