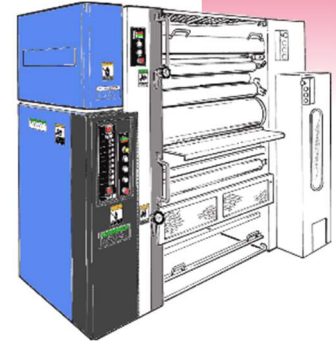


M1000B INK FOUNTAIN MOTOR TACH ENHANCEMENT

WHAT'S CHANGING?

1000B printing units manufactured after 1990 utilized a motor-driven ink fountain roller – replacing the gear-driven ratchet/pawl ink fountain roll drive design that had been used on prior M1000B print units. The large fountain roll speed fluctuations, due to the nature of the ratchet/pawl method, was proving to be inadequate, as M1000B press speeds and quality expectations increased.



The motor-driven ink fountain design has included:
Minarik DC drive, 3/4Hp DC motor, Feedback tachometer, Reducer gearbox

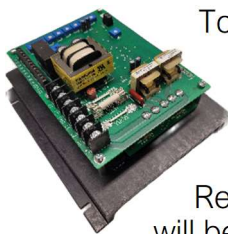
This tachometer (tach) has recently been discontinued and is no longer available from manrolandGoss.

To minimize your disruption due to a tach failure, manrolandGoss has investigated the use of alternate tachs, as well as different fountain roll speed feedback solutions. On-press testing has verified that permanently eliminating a tachometer from the system and replacing the existing Minarik drive [wp5335490] with a new Minarik drive configured for 'armature voltage feedback' is suitable for accurate speed control of the fountain roll.

DOES THIS ENHANCEMENT APPLY TO YOUR M1000B PRESS?

This tach enhancement applies to most M1000B and M1000BE print units manufactured since 1990/1991. It does not apply to pre-1990 models such as M1000, M1000A, M1000AI, and M1000AII. Each post-1990 print unit shipped with two tachometers; 1 per ink fountain.

WHAT IS THE ENHANCEMENT?



To accurately control the fountain roll speed - feedback is required – if not a tach it must be armature feedback and your currently-installed Minarik drive is no longer configured for this type of feedback.

The solution, when this tach fails, is to disconnect the tach wiring and to replace the existing Minarik drive [wp5344960] with a new Tach Replacement Kit [wp5948010] which consists of a new Minarik drive that will be set up for 'armature voltage feedback' instead of 'tach feedback'.



HOW TO UPDATE?

Simply contact the manrolandGoss Parts Department and request a quotation for a new Tach Replacement Kit - p/n wp5948010.

manroland | Goss recommends following the guidance shown in the two Service-O-Gram documents related to the M1000B ductor.
 wp5407086 – ductor phasing
 wp5332476 – Ink ductor setting

Specifications, features, and dimensions are subject to availability along with change without prior notice

CONTACT US TO DISCUSS FURTHER:

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