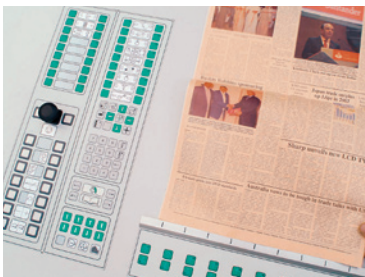


UPGRADES,  
MAINTENANCE & SERVICE CONTRACTS

# Upgrade-Budget

**ps** **printservices**<sup>®</sup>  
a trademark of manroland



## Innovative technology and new processes

**In steps or complete: manroland offers modernization and innovation.**

Our modernization concepts are intended for use in all manroland press types. In close consultation with you, the desired solutions are worked out hand in hand with our service team. Partial or stepwise upgrades are possible.

We offer upgrades for:

- Drives
- Control system
- Control console including  
printnet PressManager
- Diagnostic and servicing
- Implementation of innovative products

By replacing the electronic components, you benefit from all advances in technology and software. In addition, the availability of your printing system is substantially increased.

Every upgrading is carried out so as to suit your particular press equipment and your individual needs. The goals are defined and recorded in collaboration with you. If a stepwise upgrade is chosen, we inform you about the value added and the possibilities of further automation. We also undertake to train your staff in the new applications.

Within the scope of a service contract, we come to an agreement with you about a cumulative budget for future upgrade orders. ■■

## Advantages

- Availability of system components assured for years (drive, control and control console systems)
- Waste reduction
- Higher operating convenience
- You become independent of other suppliers – with us as system supplier
- Utilization of new functions (e. g. QuickStart for intelligent pre-inking CutCon C (cut-off register control) and PressMonitor)
- Training of maintenance staff
- Boost of performance
- Open for the next-higher degree of automation from the step in question
- Increase in printing quality
- The size of the budget is freely selectable
- The budget can be used for all manroland upgrades

## Installation and instruction time

- The upgrading concepts are individually suited to control concept, system size, availability and complexity of the printing system
- To ensure maximum availability of production capacity in the case of a retrofit concept (i. e. a complete system change), the system is decommissioned step by step. With electronic implementation, it is possible to work in double-stream operation at times

## Price

With service contracts, the size of the budget is freely selectable. Our upgrade offers are a fixed price per press or printing system; including travel and other costs

## References

- Retrofit press presetting system (MAVO) to latest PECOM version: Matichon, Bangkok, Thailand; La Montagne, Clermont-Ferrand, France
- Retrofit of entire production-planning and operating level from a competitor system to PECOM: De Telegraaf, Amsterdam, Netherlands
- Retrofit drive from Gisipakt to Mentor on UNISSET: Jordan Press Foundation/Al Rai, Amman, Jordan

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