

Datamanager 4.0

Intelligent Production Planning And Analysis

MBO Datamanager 4.0 supports you on the path to Industry 4.0. This innovative software package allows you to optimally plan, analyze and reduce standstill times for your processing operations focusing on MBO folding technology. Customer and job application data, such as materials used, sheet sizes, folding types, etc. are imported into Datamanager 4.0. The Datamanager then ensures that the folding machine receives all the necessary information to optimize the setting process. Datamanager 4.0 receives all production-specific data from the folding machine, such as production and support times as well as any faults. This allows you to calculate real-time production status, thus improving quality levels and efficiency in your finishing department over the long term.

But Datamanager 4.0 can do even more than track job progress. Its large job memory means that every job is repeatable and editable. Thanks to the integrated remote maintenance module, online specialists are available to assist in ordering spare parts, or quickly troubleshoot any errors.

The screenshot displays the MBO Datamanager Application interface. At the top, there's a 'Sorting' section with buttons for Scheduling, Order, Customer, Paper, Statistic, Machine, and Folding. Below this is an 'Order' list on the left with status filters like All, unknown, created, planned, saved, setup, runs, interrupted, paused, ready, canceled, archived, and deleted. The main area shows several job details panels:

- The book**: Number 20160928_1, Status created, Description hardback edition, Set Edition 12456, Starting 09/14/2016 17:00, Customer 123, # of procedures 6.
- 4pp Cover, 48pp Text (4 8pp and 1 16pp)**: Number 50009, Status ready, Description, Set Edition 15151, Starting 10/12/2016 11:00, Customer THA001, # of procedures 6.
- FOX**: Number Z 1609324, Status planned, Description The clever way, Set Edition 0, Starting, Customer 110286, # of procedures 4.
- The Brochure**: Number 20160927a, Status ready, Description raising, Set Edition 1234, Starting 09/28/2016 15:00, Customer 0815, # of procedures 3.
- POWERPLUS**: Number ZC1608864, Status runs, Description, Set Edition 0, Starting, Customer 110286, # of procedures 6.

At the bottom, there's a toolbar with icons for Search, New, Edit, Delete, Copy, Reset, Archiving, Refresh, Ascending, Descending, Collapse, Expand, and Report.

Who is Datamanager 4.0 suitable for?

For printshops and book binders ...

- ... who need the highest job integrity and must store job and production data for reporting purposes (e.g.: pharmaceutical production)
- ... who have previously been using a very basic MIS and who want to simplify the planning of their machines
- ... who already plan their entire production processes via an MIS and also want to collect and evaluate production data from their folding machines

Whether or not you are already using an MIS (Management Information System):

The MBO Datamanager 4.0 can be integrated into any standard production environment with Navigator or M1 control technology

What can the Datamanager 4.0 do for you?

- Job control planning for your postpress department
- Record customer specific and job specific data
- Generate suggested imposition layouts
- Transfer job data from MIS to your MBO folding machines via JDF interface
- Design and save templates for frequent or repeat jobs
- Archive jobs
- Generate statistics such as print run length, production time, and down time
- Online support via remote access service

Your benefits at a glance:

- **Production planning**
Shorter setup time and less down time
- **Long-term job memory**
Store and recall repeatable jobs for faster setup
- **Output of production data**
Reporting which allows for real-time monitoring and production analysis
- **Remote Access Service**
Rapidly diagnose and troubleshoot with the help of a specialist
- **Graphic user interface**
Intuitive touchscreen menus for easy operation

Which is the right Datamanager for me?

MBO Datamanager 4.0 is available in two different packages in order to meet common hardware requirements.

Datamanager 4.0 – Hardware

All you need is an internet connection. There is nothing else you need to worry about. An MBO engineer will bring all the necessary hardware and software required to install Datamanager 4.0 on your finishing equipment.

The following are required for the Datamanager 4.0 – Hardware:

- Internet access and an available connection

Datamanager 4.0 – Software

For this package, you will need a data- or computing center and an internet connection. MBO provides the Datamanager 4.0 software which includes Datamanager 4.0, the operating system, and the remote maintenance tool. Simply install the program on your existing system and you are ready to go.

The following are required for the Datamanager 4.0 – Software:

- Internet access and an available connection
- Hyper-V-System (or a computing center)