

JobDispo

Real time production planning & scheduling software

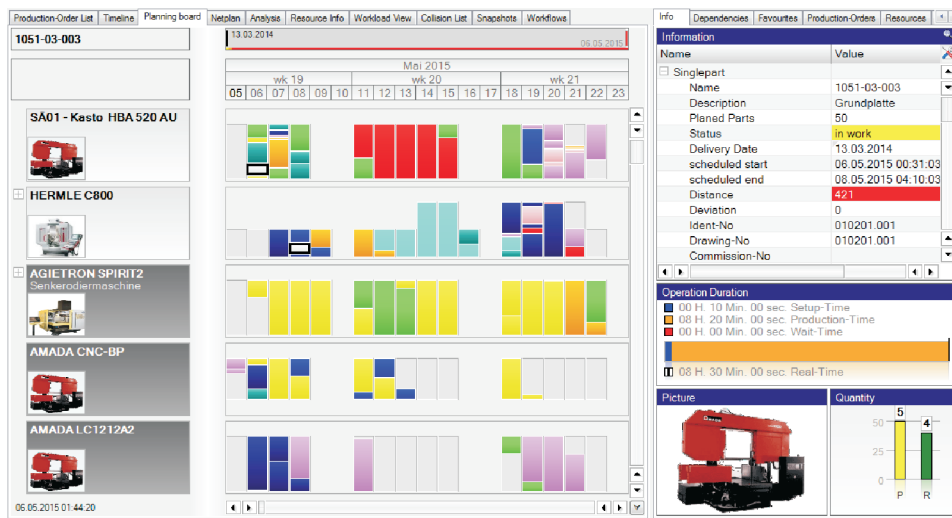
for

- Tooling
- Sheet metal processing
- Metalworking and machinery
- Plastic injection molding
- etc.

JobDispo is a real time planning and scheduling software which provides a high level of visibility and control of the manufacturing process. The planning software provides efficient and flexible solution to a typically complex management process.

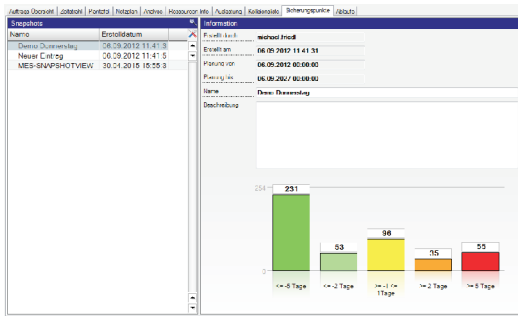
Simple drag and drop technology allows users to undertake “what if” scenario planning to find an alternative, viable production plan. Automated planning and scheduling algorithms ensure an optimal schedule is achieved to minimise gaps.

The ROI of JobDispo is less than one year!



Features:

- **Capacity planning board** with drag & drop technology
- **Automated scheduling algorithms**
- `What if` **scenario planning** and evaluation
- Real time view on order status and progress
- **Scheduling of assembly, sub-assembly and individual components**
- **Planning of workstation groups**
- Optional: **Box - planning** for plastic injection molding, machining center etc.
- Optional: **Workforce planning**
- Interface to existing ERP/MRP system



What if scenario planning

Planning scenarios can be stored and compared. The 'what if' scenarios do not affect the master schedule until saved. By dragging and dropping a selected operation into the desired position, the system automatically re-schedules the workload for the affected resource and all the operations across the entire shop floor. Automated scheduling algorithms with criteria e.g. delivery date, just-in-time or pass-through are available to use in order to obtain an optimal schedule.

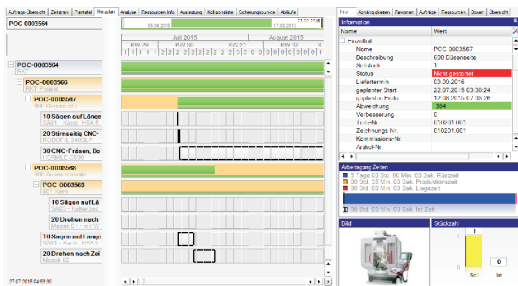
Name	Beschreibung	Substück	Status	Anwendung	Verlesbarkeit	Liefertermin	spezifische Erw.
1089-02-005	Zwischenbau	10 Alu	in Arbeit	4	17.08.2015	00.00.001	
POC-000004	PCB	10 Alu	in Arbeit	4	21.01.2016	10.00.001	
POC-000006	PCB	10 Alu	in Arbeit	4	22.05.2016	13.00.001	
POC-000007	PCB	10 Alu	in Arbeit	4	17.09.2016	22.00.001	
POC-000008	PCB	10 Alu	in Arbeit	4	21.07.2016	19.00.001	
POC-000009	PCB	10 Alu	in Arbeit	4	09.09.2016	10.00.001	
POC-000010	PCB	10 Alu	in Arbeit	4	20.04.2015	10.00.001	
1177-01-001	Grundplatte	10 Alu	in Arbeit	4	22.05.2016	00.00.001	
2008-01-001	Grundplatte	10 Alu	in Arbeit	4	21.03.2015	10.00.001	
1020-01-002	Grundplatte	10 Alu	in Arbeit	4	21.03.2015	00.00.001	

Box-Planning

A box with different products of different orders can be configured and scheduled as one box. This is most suitable for plastic injection machines, washing machines, machining centers etc.

Order list

The order list displays all active orders and essential production information. A simple traffic light system makes the consequence of any change visible, highlighting the potential impact to the delivery date on all jobs.



Workforce planning

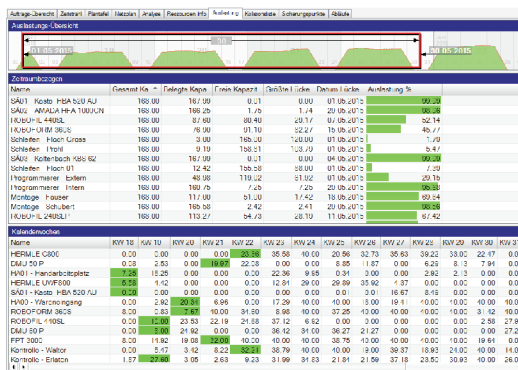
Workforces can be assigned to resources with skill profile. The workload for workforces can be planned as well as for machines.

Individual component - subassembly - assembly

JobDispo enables the user to plan and control all levels of the assembly, from top level to sub-assemblies and individual components and their operations. Individual scheduling rules can be applied to each specific assembly to ensure workflow is maintained and optimised.

MDC - Integration

Status and progress of an order is visible in real time.



ERP/MRP - interface

JobDispo can be interfaced with the existing ERP/MRP system e.g. SAP, Infor, Navision etc. Data must be entered only once into the system and can be re-used by JobDispo.

Capacity and utilisation

JobDispo makes free capacity visible. A special algorithm fills in the gaps with free capacity. The daily capacity for each resource can be dynamically changed to reflect actual availability, which is essential when reacting to unexpected events, such as machine breakdowns or staff absence.