



Dispatching and Scheduling

Version 5.11

Product Description



Document: Product Description -
Dispatching and Scheduling.docx



Release date: 2020-10-20



Document version: 1



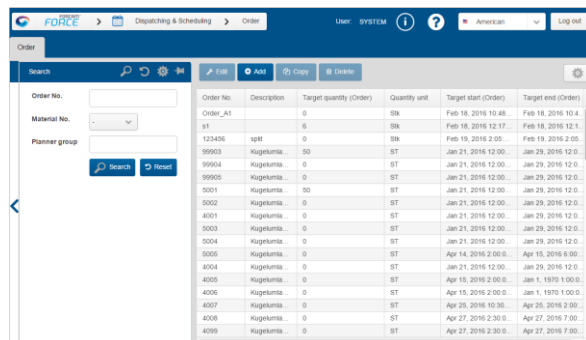
Author: STernes

Product Description

FORCAM FORCE™ Production Control gives clients a comprehensive overview of orders being manufactured and of each operation. Status changes of any orders that have been booked into the scheduling system or that have been authorized, are transferred into FORCAM FORCE™ via the Adapter for SAP, passing any status or quantity updates on to the ERP system immediately. Any member of staff, whether employee, foreperson, or team-leader can view which orders are currently being processed, what the order status is, and which orders are booked in next.

The workplace shifts that are maintained in the ERP can be managed. Alternatively, you can also add and manage your own shifts. The assignment of shifts in the workplace hierarchy lets you define an overriding weekly schedule for a whole plant and, if necessary, you can override subordinate hierarchy levels, ensuring minimal shift management costs.

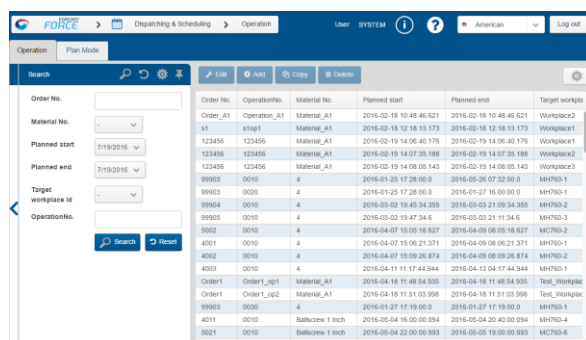
Order management



Order No.	Description	Target quantity (order)	Quantity unit	Target start (order)	Target end (order)
Order_A1	0	0	Stk	Feb 18, 2016 10:48	Feb 18, 2016 10:4
01	0	0	Stk	Feb 18, 2016 12:17	Feb 18, 2016 12:1
123456	split	0	Stk	Feb 19, 2016 2:05	Feb 19, 2016 2:05
99903	Kugelmutter	50	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
99904	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
99905	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0001	Kugelmutter	50	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0002	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0001	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0003	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0004	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0005	Kugelmutter	0	ST	Apr 14, 2016 2:00:0	Apr 15, 2016 6:00:
0004	Kugelmutter	0	ST	Jan 21, 2016 12:00	Jan 29, 2016 12:0
0005	Kugelmutter	0	ST	Apr 15, 2016 2:00:0	Jan 1, 1970 1:00:0
0006	Kugelmutter	0	ST	Jan 15, 2016 2:00:0	Jan 1, 1970 1:00:0
0007	Kugelmutter	0	ST	Apr 25, 2016 10:30:	Apr 26, 2016 2:00:
0008	Kugelmutter	0	ST	Apr 27, 2016 2:30:0	Apr 27, 2016 7:00:
0009	Kugelmutter	0	ST	Apr 27, 2016 2:30:0	Apr 27, 2016 7:00:

Orders

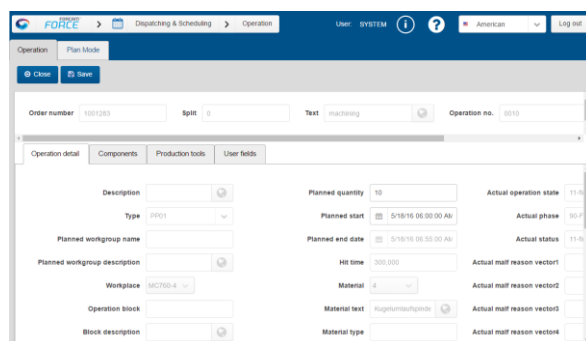
Clear view of header data of all production orders transferred from ERP or production planning system. Displayed details can be customized. The filters can be configured, allowing you to easily search for orders. Order management also allows you to create, edit, copy and delete production orders.



Order No.	Operation No.	Material No.	Planned start	Planned end	Target workplace
Order_A1	Operation_A1	Material_A1	2016-02-18 10:48:46:621	2016-02-18 10:48:46:621	Workplace2
01	split	Material_A1	2016-02-18 12:18:13:173	2016-02-18 12:18:13:173	Workplace1
123456	123456	Material_A1	2016-02-19 14:08:40:176	2016-02-19 14:08:40:176	Workplace1
123456	123456	Material_A1	2016-02-19 14:07:35:188	2016-02-19 14:07:35:188	Workplace2
123456	123456	Material_A1	2016-02-19 14:08:05:143	2016-02-19 14:08:05:143	Workplace3
99903	0010	4	2016-01-25 17:28:00:0	2016-05-26 07:32:00:0	MH760-1
99903	0020	4	2016-01-25 17:28:00:0	2016-01-27 16:00:00:0	MH760-1
99904	0010	4	2016-03-02 19:45:34:395	2016-03-02 21:08:34:395	MH760-2
99905	0010	4	2016-03-02 19:47:34:6	2016-03-02 21:11:34:6	MH760-3
0002	0010	4	2016-04-07 15:05:18:627	2016-04-09 08:00:18:627	MH760-2
0001	0010	4	2016-04-07 15:06:21:371	2016-04-09 08:00:21:371	MH760-1
0002	0010	4	2016-04-07 15:09:26:874	2016-04-09 08:00:26:874	MH760-2
0003	0010	4	2016-04-11 11:17:44:544	2016-04-12 04:17:44:544	MH760-1
Order1	Order1_split	Material_A1	2016-04-18 11:48:54:935	2016-04-18 11:48:54:935	Test_Workplace
Order1	Order1_split	Material_A1	2016-04-18 11:51:03:998	2016-04-18 11:51:03:998	Test_Workplace
99903	0030	4	2016-01-27 17:19:00:0	2016-01-27 17:19:00:0	MH760-1
4011	0010	Boltcrew 1 inch	2016-05-04 16:00:00:094	2016-05-04 20:40:00:094	MH760-4
0021	0010	Boltcrew 1 inch	2016-05-04 22:00:00:993	2016-05-05 19:00:00:993	MH760-4

Operations

Clear display of individual operations for production orders. Displayed details can be customized. The filters can be configured, allowing you to easily search for operations. Order management also allows you to add, edit, copy and delete operations.



Order number	Split	Text	Operation no.
1001203	0	Text: machining	0010

Description	Planned quantity	Actual operation state
1001203	10	11:50

Type	Planned start	Actual phase
PP01	5/18/16 06:00:00 AM	50:2

Planned end date	Planned end date	Actual status
5/18/16 06:00:00 AM	5/18/16 06:00:00 AM	11:50

Hit time	Actual mail reason vector1
100.000	

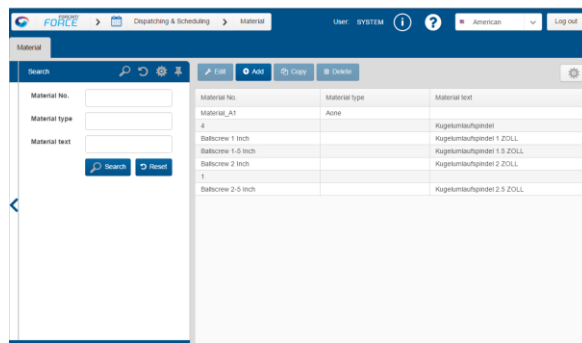
Material	Actual mail reason vector2
4	

Material text	Actual mail reason vector3
Kugelmuttersplit	

Material type	Actual mail reason vector4

Operation details

You can view and edit all the information, components, production aids, and user fields relating to the operations of a production order. The operations can also be split up into smaller units in the Workbench, making them more flexible when dividing them between individual workplaces.

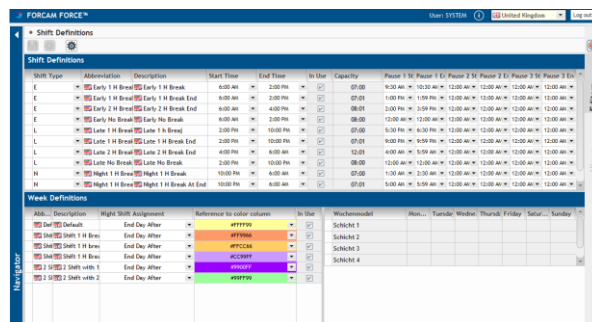


Material

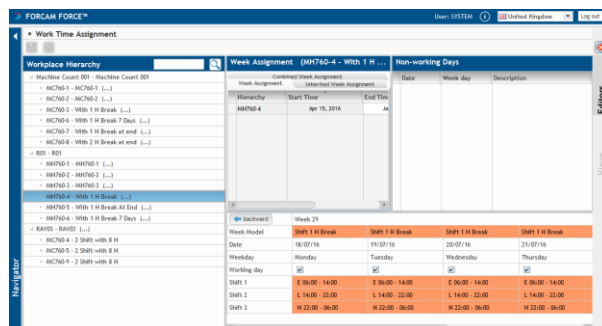
Create, edit, copy and delete materials.

Shift Management Within the Workbench

In FORCAM FORCE™, you can manage the workplace shifts that are maintained in the ERP, alternatively you can also add and manage your own shifts. Having a hierarchy of shift models lets you define an overriding weekly schedule for a whole plant and also lets you override subordinate hierarchy levels, ensuring minimal shift management costs.



You can create as many shift models for work shifts as you like, each with a start and end time and individually defined shift breaks. When using the weekly shift model, you can assign different shift models to the shifts of each weekday. This means you can, for example, individually assign early shifts to each weekday within the weekly shift model.



FORCAM FORCE™ supports flexible and configurable workplace hierarchies. A workplace hierarchy reserved specifically for shift assignment lets you assign weekly models to individual hierarchy levels within different time frames. First you assign weekly models to the highest hierarchy level for all workplaces - subsequently you can change these specific workplaces in the subordinate hierarchy levels. When assigning work hours, you can also choose to define work-free days for each specific hierarchy level.

Feature Specification

Order management

- List of orders and operations transferred from the ERP system
- Freely configurable search and sort functions
- Start and end reports, including detailed quantity information
- Splitting operations

Shift management through Workbench

- Transferring shifts from the ERP system
- You can add and maintain your own (weekly) shift models
- Easily assign different weekly models on each level of the workplace hierarchy