

MAX Master Scheduling

Put everyone on the same page with the best information available.

Create consistent, realistic production plans.

Master Scheduling plans the production of finished goods, generates forecast orders and maintains customer demand to create a consistent and realistic production plan that drives all aspects of your manufacturing and purchasing operations. This will enable you to routinely satisfy your company's policies on customer service, production efficiency and inventory management.

Independent Demand — Keep Up With Sales' Aggressive Demands

- Maintain customer and forecast orders online.
- Select orders using extensive filtering options, including part ID, current due date, order number, planner ID and user-definable fields.
- Use powerful drill-down tools to easily view and edit order information and add new independent demand orders.
- Quickly review and edit order due dates, quantities, and order status directly from the grid.
- Customize fields to provide easy identification of orders throughout the system.
- Load forecast and customer orders from legacy systems.

Master Schedule Detail — Bucketless Demand and Supply Information

- View the entire time-phased supply and demand picture for a part.
- Validate demand through single or multi-level pegging to the parent order.
- Accomplish time-phased rough-cut capacity planning with user-definable resources to plan work hours, capital, or workcenter requirements.
- Quickly alert planners, through color-coded projected available, to any actions that are needed to prevent shortages.
- Store demand and supply data in an unlimited planning horizon.
- Maintain planning data online.



- 1 Satisfy your company's policies on customer service, production efficiency and inventory management.
- 2 Create realistic production plans.
- 3 Master Schedule at any level or multiple levels of the product structure.
- 4 Manage the review, maintenance, approval and release of manufacturing orders completely online.



= exact

And it all comes together.

- View the plan based on what’s happening today, using extensive sort and filtering capabilities.
- Integrate customer demand with forecast and schedule data, using “available to promise” and “available to forecast” logic, to ensure accurate scheduling.

Master Schedule Orders — Create Realistic Production Plans

- Create a consistent and realistic production plan that drives all aspects of your manufacturing and purchasing operations.
- Master Schedule at any level or multiple levels of the product structure.
- Print routings and pick lists for master scheduled orders that have been released for manufacture.
- Create demand for the component parts and resources needed to build the master scheduled product, whether you manufacture the parts or purchase them.
- Track original order date and quantity against the current information to constantly monitor and respond to your changing environment.
- Automatically create corresponding master schedule orders during sales order entry.
- Automatically or manually mark orders as Firm Planned.

Order Navigation — Working with Manufacturing Orders

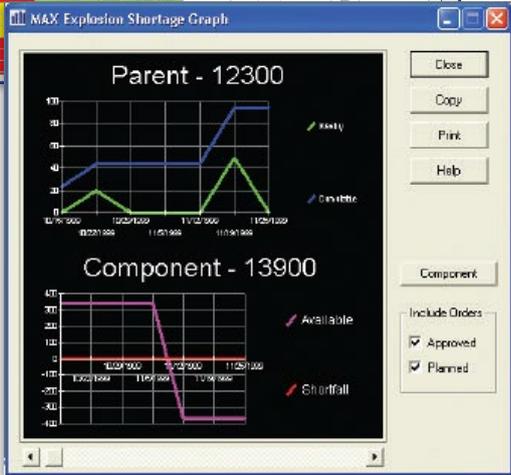
- Display shop orders, master schedule orders and MRP-generated orders in a spreadsheet grid for easy processing.

Order No.	Part ID	Description	Status	Cur Qty	Orig Qty	Bal Due	Due Date	Orig Date	Cur Promise
1	100001	11000	Computer	3	100.00	100.00	09/11/2002	09/11/2002	09/11/2002
2	20000501 01	11000	Computer	3	3.00	3.00	12/17/2003	09/25/2002	09/25/2002
3	20000701 01	11000	Computer	3	3.00	3.00	09/26/2002	09/26/2002	09/26/2002
4	20001001 01	11000	Computer	3	2.00	2.00	10/22/2002	10/22/2002	10/22/2002
5	20001101 01	11000	Computer	3	1.00	1.00	10/22/2002	10/22/2002	10/22/2002
6	20001301 01	11000	Computer	3	10.00	10.00	10/25/2002	10/25/2002	10/25/2002
7	2000130201	13900	Printed Circuit Board	3	10.00	10.00	8.00	10/11/2002	10/11/2002
8	20001401 01	11000	Computer	3	2.00	2.00	1.00	03/28/2003	03/28/2003
9	2000140201	13900	Printed Circuit Board	3	4.00	4.00	1.00	03/14/2003	03/14/2003
10	2000140301	11100	Configurable Server	3	5.00	5.00	4.00	03/14/2003	03/14/2003
11	20001501 01	13900	Printed Circuit Board	3	5.00	5.00	4.00	03/14/2003	03/14/2003
12	20001601 01	11000	Computer	3	3.00	3.00	2.00	03/28/2003	03/28/2003
13	20001701 01	11000	Computer	4	2.00	2.00	0.00	03/28/2003	03/28/2003
14	20001702 01	11000	Computer	3	3.00	3.00	3.00	03/28/2003	03/28/2003

Quickly review all Independent Demand items.

Reference	Order	Type	Qty	Available	ATP	ATP	Date	
1	200002 01 01	CU	3	1.00	6.00	6.00	08/22/1999	
2	200002 01 02	CU	3	3.00	3.00	3.00	08/28/1999	
3	200002 01 03	CU	3	3.00	0.00	0.00	10/04/1999	
4	200001 01 01	CU	3	2.00	2.00	2.00	10/07/1999	
5	200001 01 02	CU	3	3.00	3.00	3.00	10/22/1999	
6	November Build	100002	PC	3	25.00	5.00	18.00	11/23/1999
7	December Build	100003	PC	3	30.00	60.00	5.00	12/22/1999
8	200004 01 01	CU	3	1.00	63.00	6.00	08/06/2002	
9	100001	PC	3	100.00	-61.00	-6.00	-148.00	09/11/2002
10				150.00	-3.00	-145.00	09/11/2002	
11				145.00	0.00	-142.00	09/17/2002	
12	200007 01 01	CU	3	3.00	150.00	-3.00	-142.00	09/26/2002
13	200010 01 01	CU	3	2.00	160.00	-5.00	-142.00	10/22/2002
14	200011 01 01	CU	3	1.00	165.00	-6.00	-142.00	10/22/2002
15	200013 01 01	CU	3	10.00	174.00	-10.00	-142.00	10/26/2002
16	200014 01 01	CU	3	1.00				
17	200016 01 01	CU	3	2.00				
18	200017 01 02	CU	3	3.00				
19	200017 01 03	CU	3	3.00				
20	200005 01 01	CU	3	3.00				
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Above: View a complete supply and demand picture with top-down and bottom-up pegging



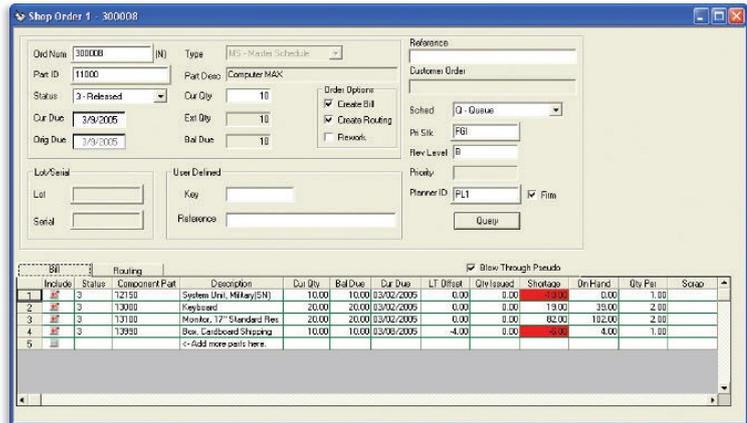
Right: Graphically view projected shortages differentiating between released and planned orders



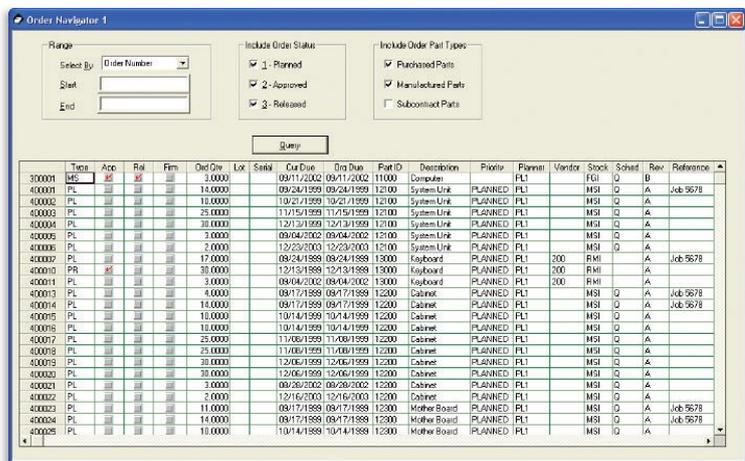
- Conduct review, maintenance, approval and release of manufacturing orders completely online, without printing a single piece of paper.
- Select only the orders you want to view with extensive filtering and date range capabilities.
- Approve and release orders in bulk.
- Automatically generate a pick list and an order routing for each approved shop order.
- Drill down on particular cells within the grid to view more detailed information.
- Automatically calculate operation start and due dates based on MRP planned order due dates, or optionally freeze operation dates to allow for your unique shop schedule.

Inquiries — Instant Visibility

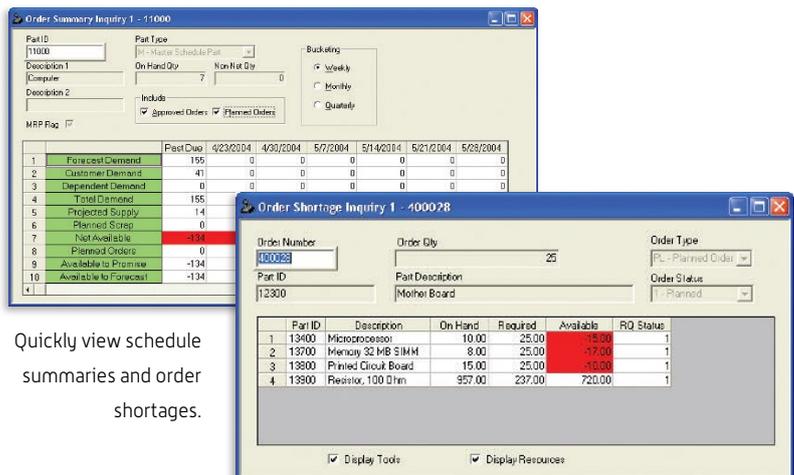
- **Schedule Summary:** Analyze supply and demand information in summarized user-definable time buckets. Compare supply against forecast demand (ATF) and against actual customer and dependent demand (ATP) to optimize inventory levels.
- **Order Shortage:** Quickly review and verify component parts, resources and tool availability for orders, with shortages easily identifiable.



Easily create demand for the component part and resources providing a consistent and reliable product plan.



Easily maintain all aspects of manufacturing orders..



Quickly view schedule summaries and order shortages.