



Tasor Planner

Advanced Planning and Scheduling

The fine art of planning



For tire manufacturing

Tactical and strategic planning

Custom domain editing

What – if analysis

KPIs

Tasor Planner is a powerful planning and scheduling software solution specialized for tire manufacturing industry. It optimizes production planning even in environments with the most challenging complex constraints and dependencies. Tasor Planner improves decision making and on-time delivery, enables commitment to orders, improves production efficiency, optimizes responsiveness of customer service, while reducing overall lead time. It dramatically increases productivity of complex planning processes and creates accurate while optimal production schedules.

With Tasor Planner, companies increase revenue and optimize resources utilization with the software solution that is easy to integrate with existing systems. The easy to use solution that yields very fast return of investment is optimized for tire manufactures.

ON-TIME DELIVERY

Tasor Planner allows consistent commitments to due dates of customer orders even in the most complex cases. It efficiently manages all resources required to fulfill all manufacturing constraints including limits and dependencies specific for individual production settings.

SHORT PLANNING TIME

Significantly reduces the planning time. Tasor Planner automatically performs schedule generation activities and produces schedules in few minutes rather than hours or days.

OPTIMIZE RESOURCE USAGE

Efficient production planning with optimization rules that allows you to make schedules based on customer requirements. Optimize production lines, inventory and create optimal balance between different combinations of due dates and order priorities.

June 2016	3	5	7	9	11	13	15	17	19	21	23	25	27	29
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903944		903944			903944	903944			903944			114500		74
78983		717740			717740			717740	717740			717740		64
764236		764236			517421	796720		517421				764236		764236
22882	062931		062931		062931	390564		390564		390564				094210
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72312	721198		721198		721198			721198		721198		721198		684
920147		920147			920147			147291		147291		147291		147291
837110	140935	610617			610617	671479	425540			795471				065794
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167339		467339	467339					111182		111182	111182		111182	111182
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Tasor Planner provides advanced planning and scheduling features together with some unique features that are required in a case of specific and complex tire production environments. Features common for most Advanced Planning and Scheduling systems are also supported.

FEATURES

- Planning TBM phase
- Planning TCP phase
- Domain editing - modeling
- Web based
- Order priority
- Customer priority at order level
- Interactive visualization
- Tactical and Strategic planning
- “what-if” Analysis/ Scenarios
- KPIs
- Capable-to-promise
- Finite scheduling
- Plan continuation
- Gantt chart
- Easy integration with legacy systems

The image displays three overlapping screenshots of the TasorSCAS software interface. The top screenshot shows the 'CALENDAR' view with a Gantt chart for July and August 2016, listing various tools and models. The middle screenshot shows the 'PLANS' view with a table of planning tasks, including 'Testing update 24 HQ' and 'Testing Strategic Planning horizon 1 and 2 Orders 5 and 5 V2'. The bottom screenshot shows the 'DOMAIN' view, which is a hierarchical tree structure of the production process, including 'PRODUCT IDENTIFICATION NUMBER', 'TOOLSET', 'NORM. MACHINE FOR FINAL PRODUCT', 'MACHINE FOR FINAL PRODUCT', and 'FAULT DIMENSION'.

PRODUCTION PROCESS

Planning tire production is a very complex process, including numerous combination of tire parts, tools, greens, machines. All tire parts (tread, side, belt, body ply, inner liner and bead) serve for building green tire in tire building machine. Tire curing involves applying mold on the green for its final shape. Side is engraved with tire information and markings of manufacturer. Finding an optimal combination of limited production resources (green, side, mold, TCP) is the key feature of the plan that improves whole production.

