Virtuona

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

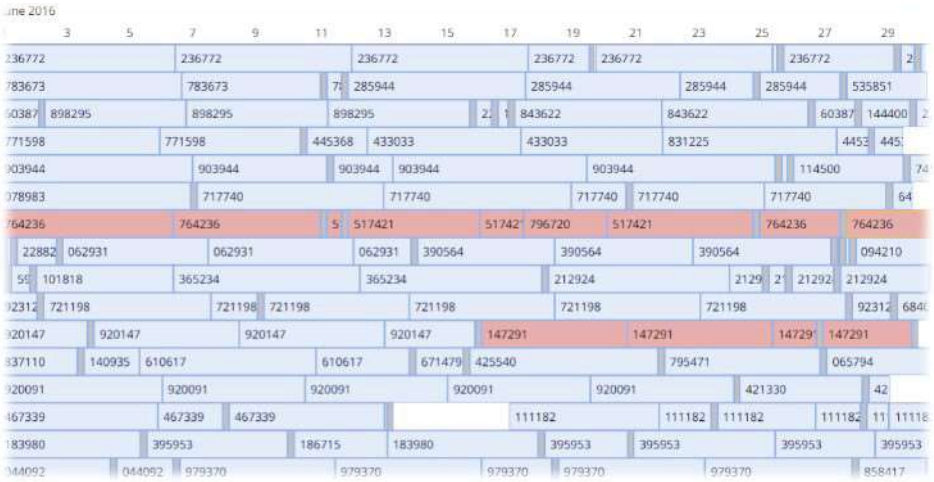
Tasor Planner allows consistent commitments to due dates of customer orders even in the most complex cases. It efficiently manages all resources required to fulfill all manufacturing constraints including limits and dependencies specific for individual production settings.

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

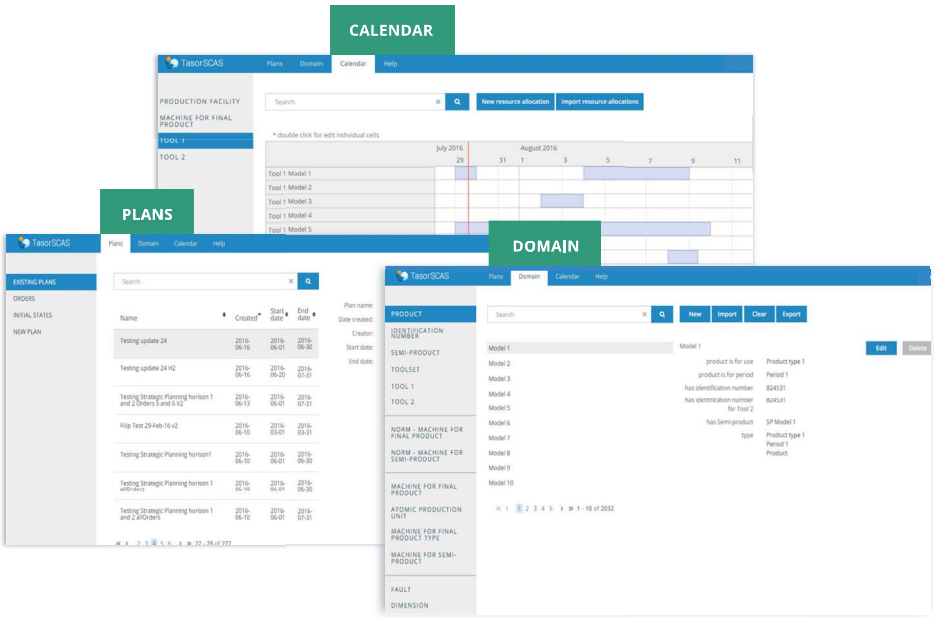
Efficient production planning with optimization rules that allows you to make schedules based on customer requirements. Optimize production lines, inventory and create optimal balance between different combinations of due dates and order priorities.



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.

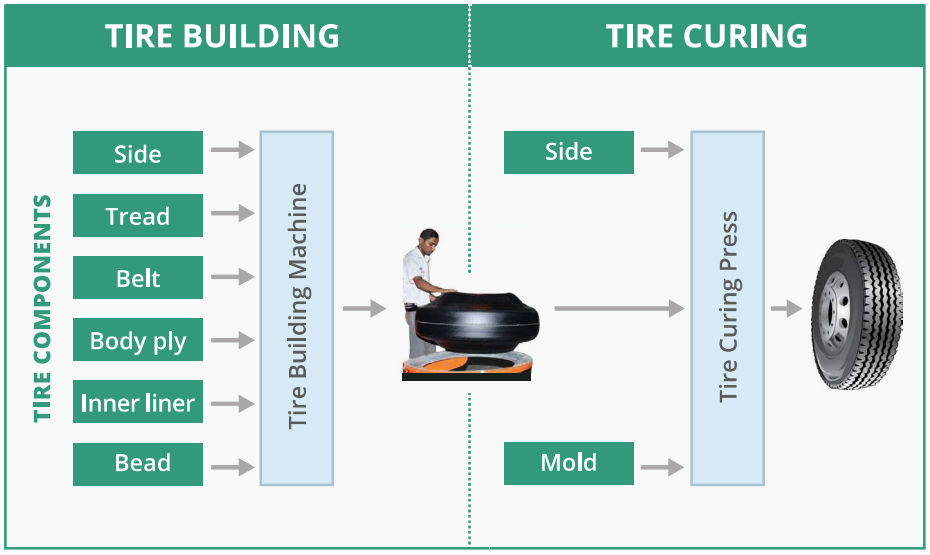
FEATURES

- 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



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.



Virtuona Technologies doo
Tel: +381-18-528-926
Mob: +381-65-8-528-926
info@virtuonasoft.com
www.virtuonasoft.com

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