MATICS

Matics' Dynamic Gantt – Empowering Production Planning

What is Dynamic Gantt?

Matics' Dynamic Gantt is a complementary solution that enhances real-time monitoring and production adjustments via machine connectivity. Matics' Gantt is directly integrated into machines on the factory floor, enabling smart digital scheduling that streamlines traditional manufacturing processes and provides staff with full visibility throughout production and planning.

Gantt's real-time stream pulls in live updates from across the factory floor, providing teams with insights in a singular platform. Data, including production rates, malfunctions, machine downtime and extended setup are synthesized in hyper-accurate charts with expected completion times for current running jobs and expected run-times for future jobs.

Benefits of Gantt's Smart Digital Scheduler:

1. **Automatic jobs preparation** - Forget about coordinating manufacturing jobs on paper or tracking them using an excel spreadsheet. You can save countless hours and avoid mistakes as well as production delays with Gantt's tool.
2. **Multiple views of job scheduling** - Achieve full visibility of the complete operating plan including current, pending and unschedule jobs for all machines. Display the production plan for single or multiple machines in a Gantt or calendar layout. Gantt automatically defers all pending jobs if delays occur unexpectedly.
3. **Real-time connectivity to machines** - By monitoring the execution of active jobs in real-time, the planner can compare the progress to what was originally planned, identify issues as they occur, and dynamically reschedule as needed.
4. **Compute expected duration times for current and future jobs** - The system provides multiple models to compute the duration time based on statistical historical performance. Identify performance discrepancies as they happen and minimize shipment delays.
5. **Setup management** - Setup is a significant and important part of the production process. Via the Gantt you can manage different setup types and their durations, and see how it affects the planning by defining a better sequence of jobs.
6. **Tools and auxiliaries management** - Equipment moving from one machine to another is monitored each step of the way and tracked by the system, providing manufacturers insights as to the optimal time for use of tools.

7. **Instant alerts** - Visual tools and alerts enable the team to improve planning and reach the service factorial targets by adjusting the planning to proactively prevent discrepancies and shipment delays.
8. **Proactive dynamic planning** - Matics' Gantt also allows users to play around with different scenarios and analyze the impact of changes before releasing them to the operators. If needed, you can easily split jobs and move them around to different machines.
9. **Complementing an MRP**, enterprises can benefit from real-time connectivity, visibility, and dynamic adjustments of their production plans.

What is Matics?

Matics' is a cloud-based shop floor management platform that empowers factory staff with unparalleled data-driven insights. The plug & play solution collects and analyzes data in real time, dramatically improving operational efficiency and profitability by over 20% in just a few months.

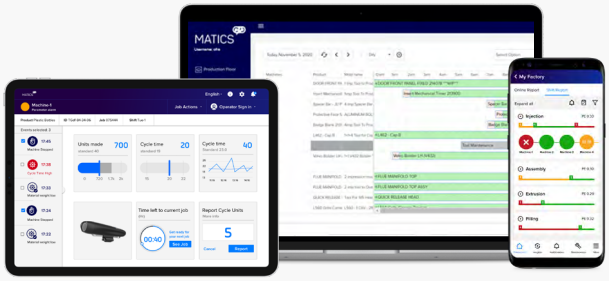
Matics' software boosts visibility across operations and eliminates data silos, providing teams with a holistic, big picture that promotes remote collaboration and makes critical decisions in real time possible.

Matics systems are operational 24/7 in hundreds of factories around the world

"Our Director is always using Matics, even at 3 o'clock in the morning, constantly checking the status of the machines and using the chat options to notify operators in the factory."

Luiza Kotaba, Information Technology Assistant, **Advanced Plastics**

Contact us today to learn more about how Matics' innovative planning and scheduling solution can streamline your factory floor processes.



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Global companies across diverse industries trust Matics' to be their leading partner in digital transformation.