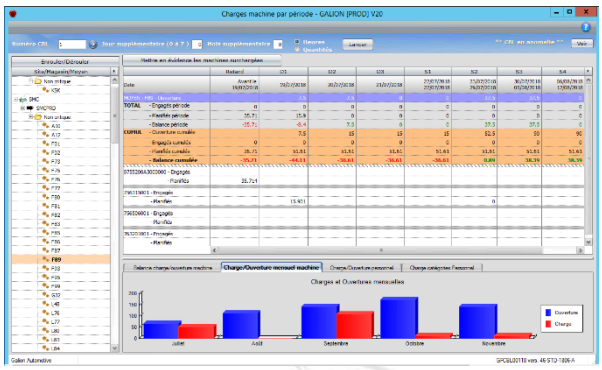
« Check the adequacy of your capacities »

Generally, manufacturing systems are studied to have capacities. Yet sometimes, the volumes are more important, or the systems are not efficient. It is essential to ensure the adequacy between the volumes to produce and the industrial possibilities in place. In some instances, it might be revealed useful to use the means some additional time and in other instances, a complementary team might be welcome. The software also enables to estimate the workforce necessary to meet the demand.



Goals

- To bring to light the number of hours to produce on the means.
- To estimate the number of hours of the workforce and the necessary headcount per personnel category.
- It enables to see the distribution of loads per means, per elementary work unit (analytical centre), workshop, site and article to produce.

Use

The MRP system offers a restitution of the incurred (production programs and production orders) and of the scheduled loads per period (month, week or day) for each production means per article.
The scheduled time can be compared to the work time of the production schedules of means.

Analysis

The customer request is supplied by the order book. During the requirements calculation, the system determines the net volumes to produce. Considering the paces of production routings and the efficiencies (anticipated operational performance and quality rate), the processes calculate the estimated times of production.
These times can then be compared with work times. The possible times are defined in schedules of means in which it is possible to specify the schedule of the opening of resources.

Six good reasons to adopt it

- Integrated with the technical data of routings
- The schedules determined to monitor the activity are taken into account.
- Standard estitution and customizable reports
- Analysis dedicated to critical means
- The data source is the same than the one for requirements calculation
- It does not need further specific data

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