

Calculate Capacity Plan

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Introduction

Capacity planning is a process for analyzing how much production capacity organizations need to meet customer demand . It's widely used in manufacturing and services industries. Capacity planning helps companies determine whether they have enough raw materials, personnel and equipment to meet forecasted demand.

Business process

To effectively manage your business operations, begin by forecasting the anticipated demand, determining the required capacity based on resources and infrastructure, and subsequently calculating the resource capacity of your current team, taking into account available hours and skills. Once the team's capacity is determined, measure the capacity gap by comparing it with the forecasted workload, identifying shortages or excess capacity. To optimize operational efficiency, align the established capacity with the anticipated demand, making necessary adjustments in resources and processes to ensure a seamless and effective workflow.

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Process - calculate capacity plan

The screenshot shows a software window titled 'Calculate Capacity Plan'. The window has a header bar with 'Home (34)' and 'Calculate Capacity Plan' with a close button. Below the header, there is a description: 'Calculate Capacity Plan' and 'The process of Capacity Plan Calculation allows us to know the available time in each manufacturing resource, as well as the required time to satisfy the Master Production Schedule.' The main area contains two dropdown menus: 'Resource' and 'Schedule Type', both with red borders. Below these is a checkbox labeled 'Run as Job'. At the bottom left, there is a 'Saved Parameters' section with a dropdown menu and two icons (a save icon and a trash icon). At the bottom right, there are 'OK' and 'Cancel' buttons.

Resource: Mention the resource which is need to calculate capacity plan

Schedule Type: Mention the schedule type forward or backward

while user click on the ok button system will generate the result.