Use the **"Production planning and scheduling template"** to plan the production volumes considering the required inventory balances.
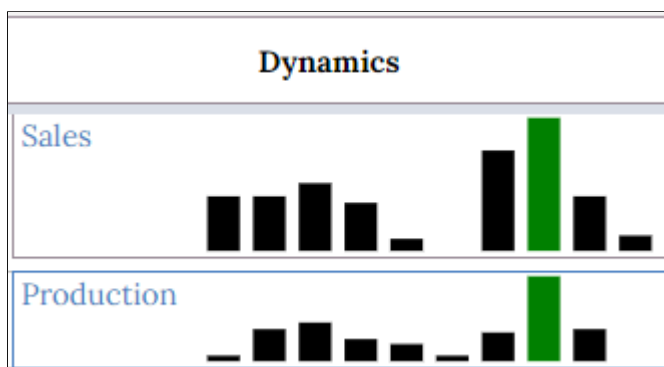
The worksheet provides separate work fields for 7 different products and 10 periods (day, week, month, or quarter). You can plan for any period convenient for you.

The table for planning the production of each item contains the following fields:

| PRODUCT 1 | Starting inventory<br>Sales forecast<br>Minimum end inventory |
|---|---|
| | Quantity to produce<br>Ending inventory |

- **"Starting inventory"** - in this field of the *first* period, enter the value of the current warehouse stocks for each specific item. For subsequent periods, this value will be calculated automatically;

- **"Sales forecast"** - in this field, enter the projected sales volume for each of the products for the specified period;

- **"Minimum end inventory"** - in this field, enter the minimum required value of warehouse balances for each item at the end of the period/start of a new period.

- **"Quantity to produce"** - this field automatically calculates the number of goods that must be produced during the specified period;

- **"Ending inventory"** - this field will display the remainder of the product at the end of the period / the beginning of the next period, which is equal to the value in the "Minimum end inventory" field.

A graph of production dynamics and sales dynamics is displayed at the end of the table for each product. Maximum values are shown in green.

Fill in the tables of all the products you produce in the same way, delete extra lines or add the required number of new ones.

At the bottom of the worksheet, there is a line of totals. The quantity of produced goods for each period is automatically summed up, and a similar graph with production dynamics is visually presented.

| Total quantity to produce: | 6 613 | 11 253 | 21 753 | 6 573 | 3 445 |
| --- | --- | --- | --- | --- | --- |