For this report we need a little upgrade in Type of master -> Process master section. We need to add more options besides name. First will be the name of the process. Then we will have two check boxes to define whether process is "machine (automated)" or "manual". Then we will have "number of employees required" input field.

After making this change in Process Master when we want to define Product operations in Product master page when we select some process number of employees suggestion will show in number of employees required column. This will be just a suggestion so editing of that column will be possible. Also, we will have column "requires working in groups" with drop-down with yes or no before "number of employees required" column which will be unlocked if "manual" process is selected as product operation.

So, report for total time we need for some amount of products will be the following. It will start with the section for searching of product which will be completely the same as the product status page search section. After clicking button apply we will get the results in new section which will consist of one table a field for entering number of pieces for which we wanted to calculate time and workforce consumption. The table will consist of the following columns:
1. Operation name
2. Manual or automated process - value in column will be M if manual and A if machine (automated).
3. Requires working in groups - this column will have "x" if this product requires working in groups.
4. Employee number - this will be a column with suggested number of employees defined in product operations. This fields can be edited.

So, this table will have number of rows as we previously defined in product operations (in product master page). Under this table we will have a field to input number of pieces that we want total time to be calculated for. After inputting this we will have apply button which will generate report. Report will be consist of the following columns:
1. Operation name
2. Time for preparation (Time required column in product operations)
3. Time for specified number of pieces
4. Total time - sum of columns 2 and 3.

Under all rows we will have total time summed for all operations required. One thing that we need to consider when calculating manual work is that if we double or triple etc. time required will be less. So, for example if we have put that for one product we have manual operation which requires 2 people and producing 1000 pieces per hour and we need to produce 2000 pieces. Then in report section when defining number of employees we put 4 people the result will be 1 hour for 2000 pieces because we double number of employees. This is only for manual product operations.

We do not need Types of production (manual and automated checkboxes) section in Product master page anymore. This can be removed.

Product Status report edit

It will be a really useful option for us to see sum of some similar product. That is why we need multiple selection in a pop-up for searching. So, everything stays the same for product search pop-up but we are adding checkbox instead of select button. We do not need two fields for product name and ID. We will just have a list of selected products which will be under product button under we have done selection. The report will stay the same but will be, of course, just a sum of all selected products regarding every column.

One more thing about product status page to be edited is status column. Final quantity will be QtyNeededForDelivery minus all previous columns. In this case there will be negative value if we need more products to order.