

General Input

Update All
Show Optional Parameters
Reset

Model Title

MPX Model Title	G.T. CELL (ENGINE HUBS)
Comment	This is a test model used for demonstration purposes.

Time Units

Demand Forecast Time Period	YEAR
Operational Manufacturing Critical-path Time Unit	CALENDAR DAY
Operations Time Unit	MIN

Time Unit Conversion

No. of WORKING DAYS per Demand Forecast Time Period	210
No. of Operations Time Units in 1 WORKING DAY	480

Forecast Period, this is the period for the demand and production in the products screen e.g. 500 pieces per (year, quarter, month, week)

Operations Time Unit, this is the time unit for what operation lengths will be measured in e.g. 10 (seconds, minutes, hours, etc.)

Number of days (below) per Forecast Period (above)

Number of time units in one day

General Input:

Operational Manufacturing Critical-path Time Units: MCT time unit, the program uses calendar days

Cells in the Optional Parameters:

- Maximum Utilization of Resources: The maximum amount of the theoretical time that a machine or labor group is can be scheduled to operate
- Variability in Labor Operational Times: The amount of variation in how long an operation requiring labor takes following a normal distribution about the inputted time for the operation
- Variability in Equipment Operation Times: The amount of variation in how long an operation requiring machines takes following a normal distribution about the inputted time for the operation
- Variability in Product Start Times: The variation in overall time that a product takes to be started. Variability between different start time for different lots