

3. PP Design by GBU

- Capacity Input - Production Rate

GBUs	How	Who	Comments	Screen
AROMA	Manual input - To/day => MD C by couple Plant x Material x Resource	S&OP Manager	<ul style="list-style-type: none"> For 1 couple Resource-Prod group, the MDC does not change 	
TS				
NOVE CARE				

- Resources settings

Settings	Explanation	AROMA	TS	NOVE CARE
OEE	Overall Effectiveness Equipment MDC x OEE = Production Planning capacity Plant x Resource by default	<input checked="" type="checkbox"/> yes		
NB OF SHIFTS	We can manage the nb of shifts, meaning that Dynasys will multiply this number to the Nb of Hours per shift to get the Opening hours per day By default 1 or 3	<input checked="" type="checkbox"/> Available but not used		
HRS PER SHIFT	Hrs per shift x Nb of shift = Nb hrs available per day By default 24Hr or 8Hr	<input checked="" type="checkbox"/> Available but not used		
CLOSED DAYS	Decrease the capacity of the month by putting some closed days By default: Plant x Resource x Month	<input checked="" type="checkbox"/> Specific by Days instead of Month in order to manage the current month		
TYPES OF CLOSED DAYS	We can define several types of closed days - Sum of all = Total closed days	<input checked="" type="checkbox"/> Yes, 5 types		
NB OF EQUIPMENT	By default = 1 unit It will multiply the available Hrs	<input type="checkbox"/> No		
COMMENTS	Possibility to add a general comment by month	<input checked="" type="checkbox"/> yes		

Screens		VANILLINE SYNTHÈSE						
		Horizon						
		M11-2020	M12-2020	M01-2021	M02-2021	M03-2021	M04-2021	
16 / 24 / 14x112								
Data fields								
Number of shifts		1	1	1	1	1	1	
Hours per shift [HR]		24	24	24	24	24	24	
Maintenance closed days (by month) [Standard Day]								
Cleaning closed days (by month) [Standard Day]		1						
Inter-campaign closed days (by month) [Standard Day]		1	3					
Exceptional weather closed days (by month) [Standard Day]								
Total days for planning [Standard Day]		5	31	31	28	31	30	
Total closed days [Standard Day]		6	3					
Days by period [Standard Day]		2	28	31	28	31	30	
OEE [%]		95%	95%	95%	95%	95%	95%	

- Production constraints**

Settings	Explanation	AROMA	TS	NOVECARE
Item priority	Define priority between the products inside the same "rule" of calculation. ex: if we calculate the production planning by Planning Level, then the priority is made between SKUs inside the same Planning Level By default: same priority for all SKUs	<input checked="" type="checkbox"/> Yes, the target is to put in 2nd priority the main Material in order to see shortages at one material		
Minimum production	Quantity to define in the Production Plan as minimum to do (and mandatory even if there are no requirement) => We can plug from SAP the "Process order"	<input checked="" type="checkbox"/> Yes, plugged from SAP		
Maximum production	Quantity to define in the Production Plan as maximum to do, even if the requirements are higher and capacities available	<input type="checkbox"/> No		
Minimum run	Quantity minimum to do in the production planning, but only if it required some production => We can plug the SAP MRP View "Minimum Lot Size"	<input type="checkbox"/> No		
Forced production	Quantity to fix in the system as to Produce in the month. Be careful on the current month and netting with actuals. => By default at SKU level (material x Plant)	<input checked="" type="checkbox"/> Yes, at SKU and specific % at Resource level (but it requires only one material on that resource)		
Batch size	Batch quantity to define in the production plan => We can plug the SAP MRP View "Fixed Lot Size"	<input type="checkbox"/> No Specific batch size at Product Group level (for one family) required specific Production Plan calculation		

- Production Plan behaviours (op set, critical resources, max delay)**