

The Catalogue contains the 3D model of all the objects that may be used to build the Model of a given Physical Area.

The Catalogue supports the following types of objects: Kits, Racks, Large boxes, Small boxes, Equipments, Conveyors, Parts, Workstations, Production Lines, Robots and Final Products.

Let's add a new Rack to the Catalogue.

1. Go to "Catalog / Racks"

Rack ID	Width	Depth	Height	# Levels	Actions
PSA-AJUL1	1391	2501	1598	3	
embraer 1000x1000	1000	1000	1500	2	
embraer 1000x1000 type 2	1000	1000	1500	2	
embraer 1000x1000 type 3	1000	1000	1500	2	
rack_step_ex_1	1100	700	1200	6	
flowmat automated warehouse	2800	700	2000	4	
flowmat operator workstation	900	610	1200	2	
flowmat table	420	1300	1200	2	
EMB 845x800	845	800	3000	2	
ilab 800x600x750	845	600	3000	2	
MakProfile 1115x870 4x3 levels	1115	870	1570	5	
MakProfile 371x870 4x1 levels	371.66	870	1570	5	
Table 800x600x750	800	600	2000	2	
Table 400x600x750 cell on left	400	600	2000	2	
Table 400x600x750 cell on right	400	600	2000	2	
rack	2800	700	2000	4	
Table 600x800x750	600	800	2000	2	
Hannover 550 X 360	550	360	500	3	
PSA 2870x1225	1225	2870	1425	3	
PSA 2870x1410	1410	2870	1425	3	
EMB 750x900	757.5	900	3000	2	

2. Press the top right button "New rack" and fill the fields according to the picture (Front view)

Administration > / APM / Catalogue / Racks / Add rack type

Step 1 Step 2

Identifier: Rack 1000 x 2000 3 layers

Functional levels: 3

Cells per level: 2

External width (mm): 1000

Level width (mm): 900

External depth (mm): 2000

Level thickness (mm): 50

External height (mm): 1800

3D CAD model: Format: step Upload: Select File

Save changes

Front view Side view

3. Select “Step 2” in the form and fill the fields according to the picture (Side view)

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Administration > / APM / Catalogue / Racks / Add rack type

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Catalogue > Step 1 Step 2

Kits

Racks

Large boxes

Small boxes

Equipments

Conveyors

Parts

Workstations

Production Lines

Robots

Final Products

Manufacturing Tasks

3D CAD model:

Format: step Upload: Select File

Save changes

Implantation > Runtime >


Level 3 : vertical offset (mm): 1400 Level 3 : horizontal offset (mm): 1000

Level 2 : vertical offset (mm): 700 Level 2 : horizontal offset (mm): 500

Level 1 : vertical offset (mm): 100 Level 1 : horizontal offset (mm): 0

external width external height thickness vertical offset level width

4. Press the “Save changes” button

5. In the list of Racks, press the  icon and check if the defined Rack has the right form.

