

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.

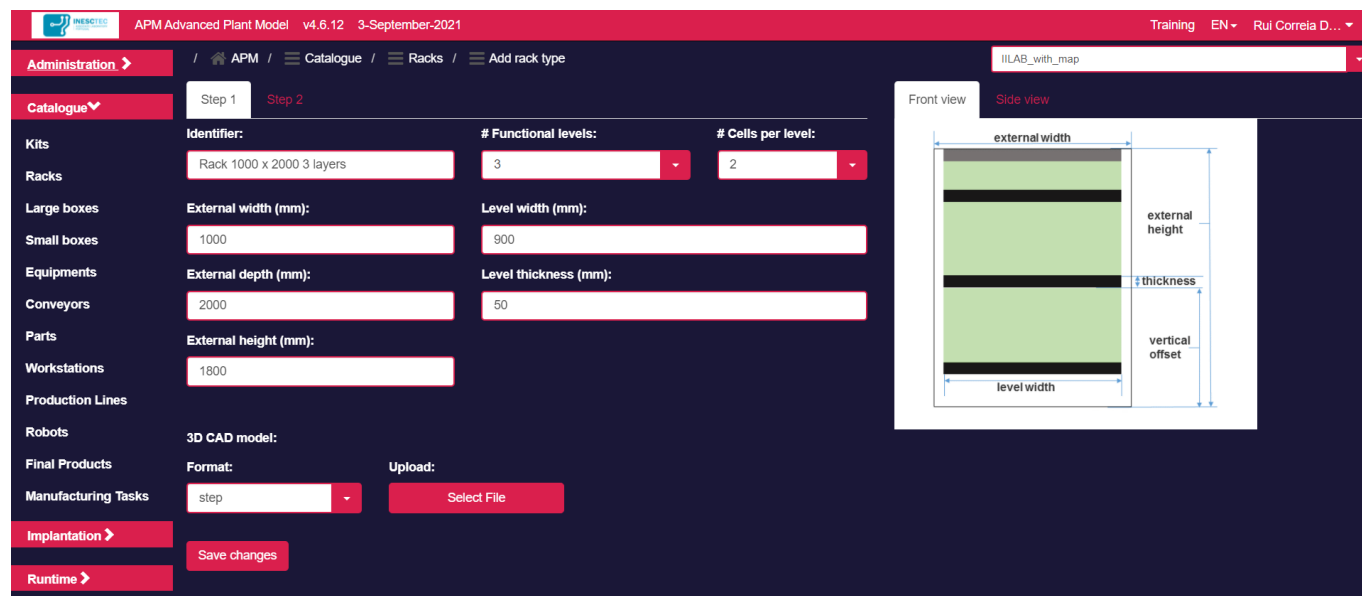
Let's add a new Rack to the Catalogue.

1. Go to "Catalog / Racks"



Rack ID	Width	Depth	Height	# Levels	Actions
PSA_A01L1	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)



Step 1

Identifier: Rack 1000 x 2000 3 layers

Functional levels: 3

Cells per level: 2

Step 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

external width

external height

level width

level thickness

vertical offset

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

APM Advanced Plant Model v4.6.12 3-September-2021 Training EN Rui Correia D...

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

IIILAB_with_map

Catalogue▼

Step 1 Step 2

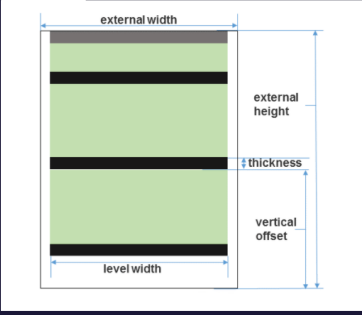
Kits	Level 3 : vertical offset (mm):	Level 3 : horizontal offset (mm):
Racks	1400	1000
Large boxes	Level 2 : vertical offset (mm):	Level 2 : horizontal offset (mm):
Small boxes	700	500
Equipments	Level 1 : vertical offset (mm):	Level 1 : horizontal offset (mm):
Conveyors	100	0
Parts		
Workstations		
Production Lines		
Robots	3D CAD model:	
Final Products	Format:	Upload:
Manufacturing Tasks	step	Select File

Implantation >


Runtime >

Save changes

Front view Side view



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.

