PCM Integration

# Endpoints

## Create order and cutting ticket

Create an **order** definition. It’s composed by the XML file describing the .cal project and the JSON file describing how many parts to cut and on which machine.

### XML file

This is the same file output by the cad.

### Order parameters

This is a JSON file containing which parts (identified by unique id) to cut.

Example of payload:

{

"code": "200-CT-220824-000115\_1",

"input": [

{

"machine": "M10040938",

"pieces": [

{

"uniqueId": "U83850",

"mirrored": true,

"items": 405

},

{

"uniqueId": "U83850",

"mirrored": false,

"items": 405

},

{

"uniqueId": "U85612",

"mirrored": false,

"items": 405

}

]

}

]

}

### Define the order

See endpoint “POST /pkservices create production order” in the “PCM-Aurelia integration” Postman collection), specifying the xml file as xml field, and the json file as orderDetails field:

POST https://pk.comelz.cloud/pkservices/v1/newOrder

As soon as the order is created, you will be able to see it in the order list for the variant (es. <https://pk.comelz.cloud/pk_prod/variants/2dbf672e-5edc-429d-94ae-2225a34a21dc>).

The response of the request will be:

{

"OrderCode": "200-CT-220824-000115\_1",

"OrderReport": "https://pk.comelz.cloud/pkservices/v1/report/200-CT-220824-000115\_1"

}

The HTTP status codes will indicate the operation outcome:

| Code | Description |
| --- | --- |
| 201 | Order created |
| 400 | Invalid input |
| 500 | Internal Server error |

## Order Report

This endpoint returns how many parts are cut by unique id.

GET <https://pk.comelz.cloud/pkservices/v1/report/200-CT-220824-000115_1>

The response of the request will be:

{

"order\_date": "2023-06-23T13:45:51Z",

"model": "ESP2737RGL000001002011-1",

"ticket\_id": "200-CT-220824-000115\_1",

"totals": {

"U83850":0,

"U85612":0

}

}