

## Partner Marketing API

-

### Using the service



| Version | Description   | Date       |
|---------|---|------------|
| V0.1    | Launch of the Partner Marketing API pilot   | 04/09/2023 |
| V0.2    | Simplification of calls on machine/attachment and attachment/machine compatible endpoints<br>Removing documents exposed via Documoto<br>Addition of "attributes": "brochures" to access to sales brochures<br>Transition from pilot to production | 14/08/2024 |
| V0.3    | Go live of the API in production environment  | 22/10/2024 |

**Description:** this document provides information on how to obtain the best results of the Partner Marketing API. This documentation is for customer IT teams to understand the service's design and know how to use its features, upon agreement signature and terms & conditions acceptance.



**NOTE:** changes from the previously published version of this document are marked with the "new" symbol in the margin.



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## **Preamble**

Partner Marketing API is a data service in the form of APIs (Application Programming Interface) that provides the Customer access to protected resources, in coherence with the Customer's service level of subscription.

These APIs provide a wide range of features that help improve efficiency and productivity. All the features rely on the principles of RESTful APIs, which consider every accessible item as a resource with its unique id that can be used and reused, using a set of methods.

**Using this documentation comes as a second step after creating an account on the MANITOU API Developer Portal.**

The user should already have received approval for a subscription, obtained keys (primary and secondary), and understood the technicalities of the Partner Marketing API service, as described in the ***"MANITOU API - How to get onboard - Partner Marketing API"*** companion document.



# 1. Understand the Partner Marketing API's design

## 1.1. How does it work?

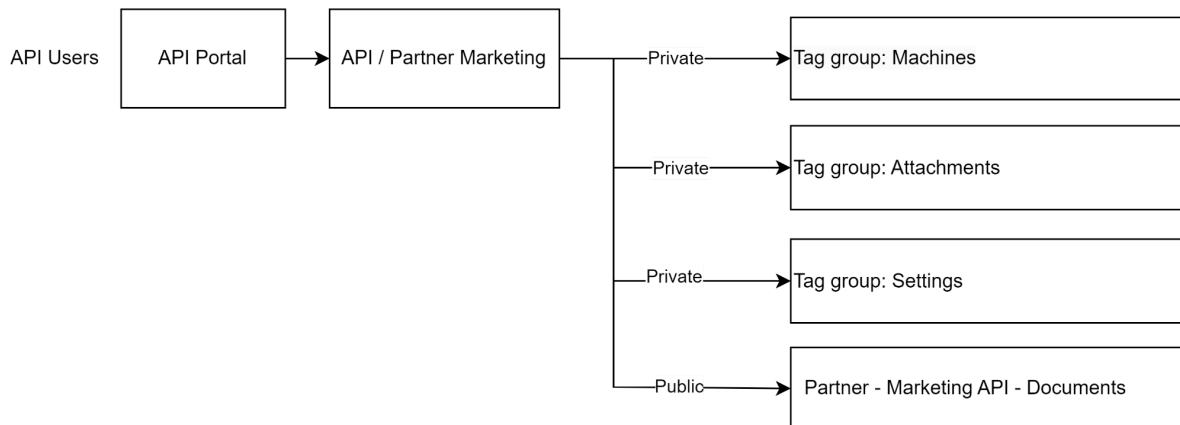
### Contract

When connecting to the Manitou API portal, users agree to sign the terms of use proposed by Manitou.

This first Partner Marketing API is shared freely according to the conditions of use proposed by Manitou, including a versioning system.

## 1.2. Overview

The following schema describes the global design of Partner Marketing API:



## 1.3. Use cases

Partner Marketing API gives you access to Manitou group marketing data.

You can spread this data in your websites or applications using the API method described in this document.

And you can promote dedicated product offer, without need of search, with up-to-date data such as:

- Technical data
- Load chart
- Self-generated documents
- Machine book
- Asset - main visual
- Attachments- machine compatibility
- Sales brochures
- Instruction manual - PR catalog - simplified operating sheet, linked to QR Code (configurable number)

You can also cross-reference the data to provide filters to your users.

### Use case 1:

As a dealer I want to retrieve technical data on machines, main visual, etc to feed my website.



**Use case 2:**

As a dealer I need to know the compatibility of attachments, with their technical characteristics and display them on different fronts.

**Availability in the 11 master languages (EN/FR/IT/ES/PT/NL/DE/RU/JP/ZH/PL).**

Technical documentation is available in English and French.

**Use case 3:**

As a dealer I would like to provide my customers with self-generated documents / machine books and sales brochures.

### 1.4. What is not included in this API

The Partner Marketing API does not include:

- Videos,
- Application visuals,
- Description of the machines (to avoid duplicate content in SEO),
- Services and innovations.





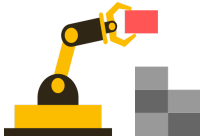
### 1.5. Onboarding & Security through API manager

It is necessary for the API user to **be authenticated** when performing a call to data APIs (except for public brochures and sheets urls / Use case 3).

**Please refer to the “MANITOU API - How to get onboard - Partner Marketing API” documentation for more information on this process and a detailed technical explanation.**

## 2. Best practices reminder

When pairing your IT system with the Partner MarketingAPI, remember to keep an eye on these 5 best practices:

|   |   |
|---|---|
|  <p>Keep the page size low</p> |  <p>Pinpoint what you want</p>                   |
|  <p>Avoid hammering</p>        |  <p>Design a realistic data request strategy</p> |
|  <p>Pick only what matters</p> |   |



## 3. In details: the Partner Marketing API

### 3.1. Endpoint URLs

The Partner Marketing API can be reached at the following endpoints URLs.

A) To access Partner marketing data (*Settings, Use case 1, Use case 2*)

```
https://api.manitou-group.com/marketing/
```

#### Settings:

Get all available locales

```
GET /api/v1/settings/locales
```

Get available applications

```
GET/api/v1/applications?[locale]
```

Get available brands

```
GET /api/v1/brands?[locale]
```

Get available markets and secondary market

```
GET /api/v1/markets?[locale]
```

#### Use case 1:

As a dealer I want to retrieve technical data on machines, main visual, etc to feed my website.

API tag group: Machines

#### API endpoints:

This is where you'll find all the technical information (machineId globally) and you can drill down to the lower levels.

All machines information:

Get all available machines, including facets

```
GET /api/v2/machines?[locale] [unit] [q] [category] [market] [brand] [application] [country] [allowOld] [isOld] [isOxygen] [isNew] [richFacets]
```

Get assets for machine identified by its identifier

```
GET /api/v1/machines/{machineId}/assets?[locale] [market]
```

Get available attachments for machine identified by its identifier

```
GET /api/v1/machines/{machineId}/attachments?[locale] [unit] [country]
```

Get available categories for all enabled machines

```
GET /api/v1/machines/_categories?[locale] [structure]
```

Get available documents for machine identified by its identifier

```
GET /api/v1/machines/{machineId}/documents?[locale]
```



#### Get machine identified by its identifier

GET /api/v1/machines/{machineId}?[locale][unit][country]

#### Use case 2:

As a dealer I need to know the compatibility of attachments, with their technical characteristics and display them on different fronts.

API tag group: Attachments

#### API endpoints:

Get all available attachments, including facets

GET /api/v2/attachments?[locale][unit][q][category][market][brand][application][country][allowOld][isOld][richFacets]

Get assets for attachment identified by its identifier

GET /api/v1/attachments/{attachmentId}/assets?[locale][market]

Get attachment identified by its identifier

GET /api/v1/attachments/{attachmentId}?[locale][unit]

Get available categories for all enabled attachments

GET /api/v1/attachments/\_categories?[locale][structure]

Get compatible machines for attachment identified by its identifier

GET /api/v1/attachments/{attachmentId}/machines?[locale][country]

B) To access public brochures and public technical sheets (*Use case 3*)

#### Use case 3:

As a dealer I would like to provide my customers with self-generated documents / machine books and sales brochures

Access PDF documents directly by the type of document selected (data sheet, machine book, equipment guide, attachments catalog).

#### API endpoints:

- Data sheet :

<https://views.manitou-group.com/>

GET /machines/{machineId}?[locale][unit][country][display][format][watermark][forceDownload][withDownloadLink]

- Machine book / Equipment guide / Attachments catalog :

<https://brochures.manitou-group.com/>

GET /machine-book?[locale][unit][machineId][filter][format][watermark][forceDownload][withDownloadLink]

GET /option-guide?[locale][unit][category][machineId][market][country][filter][format][watermark][forceDownload][withDownloadLink]



GET /attachment-guide?[locale][unit][machineCategory][machineId][attachmentCategory][attachmentId][market][brand][application][country][filter][format][watermark][forceDownload][withDownloadLink][printMode]

### 3.2. Data set examples

#### A product in detail

The following chart lists the fields exposed by the below endpoints of the Partner Marketing API for any product, whether for a machine or an attachment.

- GET /api/v1/machines/{machineId}
- GET /api/v1/attachments/{attachmentId}

*Point of attention about product 'attributes' returned in the \$.attributes field : Machines and attachments have a lot of attributes about their technical characteristics and other information. All attributes are exposed with a similar json structure (attribute code, attribute label, attribute value}, often with information about the group (attribute order in group, group label, group order). Because there are a lot of different types of attributes, the json structure of an attribute value depends on attribute type (which is not returned), so the following charts lists an example of each possibility.*

*Keep in mind that all attributes of products are exposed, but you probably don't need all attributes. If you have any doubt about which attribute you need, please contact the support.*

*Point of attention about product 'variants' returned in the \$.variants field : All attachments and several machines have variants, sometimes up to 2 levels of variants. For example, the 'Bucket 4 in 1' attachment has as many variants as capacities, and a truck mounted forklift machine has as many variants as compatible masts. All variants of a product are exposed as sub-products (e.g. with the same json structure) in a "variants" array of the uplevel product, so each variant has its own identifier and its own specific information, but keep in mind that **you must only use the ID of the uplevel product in parameters of endpoints of the Partner Marketing API.***

| JSON data  | Comments   |
|--|--|
| <pre>{   "identifier": "mrt_123+",   "name": "MRT 123",    "creationDate": "2021-01-22T08:34:51Z",   "updateDate": "2023-10-02T13:48:03Z",    "family": {"code": "MRT", "label": "MRT"},    "productRanges": [     [       {"parent": null, "code": "connect", "label": "Connect"},       {"parent": "connect", "code": "machines", "label": "Machines"},       {         "parent": "machines", "code": "rotating_telehandlers",         "label": "Télescopiques rotatifs",         "mainVisual": "https://views.manitou-group.com/tessa/32754"       },       {         "parent": "rotating_telehandlers", "code": "mrt_vision",         "label": "MRT Vision"       }     ]   ],   "categories": [</pre> | <p>ID and product name</p> <p>System dates</p> <p>Product family</p> <p>Categories of the product</p> <p>&gt; returned with all levels of category branches as a flat structure in the 'productRanges' field (a link to the main visual can be returned for some levels)</p> <p>&gt; returned as an array of leaf categories in the 'categories' field</p> |





```
"mrt_vision"
],
"mainVisual": "https://views.manitou-group.com/tessa/329594",
"preview":
"https://views.manitou-group.com/tessa/329594?channel=medium",
"thumbnail":
"https://views.manitou-group.com/tessa/329594?channel=small",
"markets": [
  "CONS",
  "RENT"
],
"applications": [
  "elevation_people",
  "lift"
],
"isNew": false,
"isOxygen": true,
"orderedTechnicalGroups": [
  {
    "groupCode": "capacities",
    "groupLabel": "Capacités",
    "attributes": [
      {
        "code": "max_capacity",
        "label": "Capacité max.",
        "value": {
          "display": {
            "metric": "4500 kg",
            "imperial": "9921 lb"
          },
          "data": [
            {
              "raw": {
                "unit": "KILOGRAM",
                "amount": "4500.0000"
              },
              "metric": {
                "unit": "kg",
                "amount": "4500.0000"
              },
              "imperial": {
                "unit": "lb",
                "amount": "9920.8017983194911325338"
              }
            }
          ]
        }
      },
      <OTHER_ATTRIBUTES_OF_CURRENT_GROUP>
    ]
  },
  <OTHER_ORDERED_TECHNICAL_GROUPS>
],
"minimalAttributes": [
  {
    "code": "max_lifting_height",
    "label": "Hauteur de levage max.",
    "value": {
      "display": {
```

Public links of product main visual in different sizes

Codes of markets of the product

Codes of specific applications covered by the product; this information is provided more for attachments than for machines

Some flags about the product

Main technical attributes of the product, returned by attribute groups ; these are the attributes that are displayed in the technical sheet

For each attribute:

> 'display' contains localized and displayable value of attribute in each measurement system

> 'data' is the same that 'value' in the array of all attributes : json structure of the 'data' field depends on attribute ; you can refer hereafter to the 'attributes' field to see some examples

> the 'nomenclature' of an attribute can be displayed in some assets, like dimensional drawings for dimension attributes

List of minimal attributes which can be used to display a summary or a card of the product



```

    "metric": "15.80 m",
    "imperial": "51 ft 10 in"
  },
  "data": {
    "raw": {
      "unit": "METER",
      "amount": "15.8000"
    },
    "metric": {
      "unit": "m",
      "amount": "15.8000"
    },
    "imperial": {
      "unit": "in",
      "amount": "622.0472440944881889763779527559055"
    }
  },
  "nomenclature": "h3"
},
<OTHER_MINIMAL_ATTRIBUTES>
],

```

```
"attributes": [
```

```

{
  "code": "base_unit_part_number",
  "order": 0,
  "label": "Numéro de configurable",
  "value": {
    "code": "52612392",
    "label": "52612392"
  },
  "group": {
    "code": "cpq_information",
    "order": 2,
    "label": "Informations CPQ"
  }
},
{
  "code": "description",
  "order": 28,
  "label": "Description",
  "value": {
    "code": <IDENTICAL_TO_LABEL_FIELD>,
    "label": "La MRT 123 + est un chariot télescopique rotatif
performant et tout-terrain. A la fois grue, chariot télescopique et
nacelle, ce chariot est un véritable couteau-suisse, idéal en tant
que premier équipement de chantier. Un design distinctif et
dynamique au service de l'usage pour optimiser la visibilité et la
productivité. Des commandes intelligentes et sécurisées permettent
une prise en main simple et intuitive du chariot. Il dispose de
stabilisateurs pour garantir stabilité et sécurité lors des
manoeuvres. Grâce à ses différents modes de direction et à sa
transmission hydrostatique, le MRT 1645 75 vous offre une
maniabilité parfaite, quel que soient vos chantiers. Un confort et
une ergonomie inégalable, qui ne vous fera plus quitter votre MRT
123 +."
  },
  "group": { <ATTRIBUTE_GROUP_CODE/ORDER/LABEL> }
},
{
  "code": "old_model_in_specific_area",
  "order": 2,
  "label": "Ce produit est considéré comme un ancien modèle",
  "value": false,

```

> minimal attributes are returned with the same information as the attributes of the ordered technical groups, but without group details

List of [all attributes](#) of the product, sorted by group order and then by attribute order in group ; below are examples of all attribute types

Text attributes

> in the 'value' field, 'code' and 'label' are always identical, but you can prefer 'label' to ensure to use a localized value

> even for a long text (ex : 'description' attribute), code and label are identical

> for some attributes, the text may contain some html markup language

Boolean attributes

> value is simply a boolean



|  |   |
|--|---|
| <pre>"group": { &lt;ATTRIBUTE_GROUP_CODE/ORDER/LABEL&gt; } }, {   "code": "number_of_cylinders",   "order": 8,   "label": "Nombre de cylindres",   "value": 4,   "group": { &lt;ATTRIBUTE_GROUP_CODE/ORDER/LABEL&gt; } }, {   "code": "wheelbase",   "order": 6,   "label": "Empattement",   "value": {     "raw": {       "unit": "METER",       "amount": "2.4300"     },     "metric": {       "unit": "m",       "amount": "2.4300"     },     "imperial": {       "unit": "in",       "amount": "95.66929133858267716535433070866142"     }   },   "group": { &lt;ATTRIBUTE_GROUP_CODE/ORDER/LABEL&gt; } }, {   "code": "tyres_model",   "order": 14,   "label": "Pneus standards",   "value": {     "code": "405_70_20",     "order": 16,     "label": "405/70-20"   },   "group": { &lt;ATTRIBUTE_GROUP_CODE/ORDER/LABEL&gt; } }, {   "code": "markets",   "order": 35,   "label": "Marchés",   "value": [     {       "code": "CONS",       "order": 1,       "label": "Construction"     },     &lt;OTHER_ITEMS_OF_ARRAY_VALUE_OF_CURRENT_ATTRIBUTE&gt;   ],   "group": { &lt;ATTRIBUTE_GROUP_CODE/ORDER/LABEL&gt; } }, {   "code": "main_visual",   "order": 26,   "label": "Visuel Principal",   "value": {     "original": "https://views.manitou-group.com/tessa/329594",     "preview": "https://views.manitou-group.com/tessa/329594?channel=medium",     "thumbnail": "https://views.manitou-group.com/tessa/329594?channel=small",     "thumbnail_small": "https://views.manitou-group.com/tessa/329594?channel=xsmall",     "full": "https://views.manitou-group.com/tessa/529594",     "small": "https://views.manitou-group.com/tessa/329594?channel=small",     "xsmall":</pre> | <p>.....<br/><u>Number attributes</u><br/>&gt; value is simply a number</p> <p>.....<br/><u>Measurement attributes</u><br/>&gt; conversion is applied to return attribute value in each measurement system</p> <p>.....<br/><u>List options attributes</u><br/>&gt; for attributes with a unique option, 'value' field is a {code/order/label} json object<br/>&gt; the order represents the rank of the code among the list of possible codes for the attribute<br/>&gt; for attributes with multiple options (ex : 'markets' attribute), 'value' field is an array of {code/order/label} json objects</p> <p>.....<br/><u>Asset attributes</u><br/>&gt; for a unique asset (ex : 'main_visual' attribute), value is a set of public links to download the asset (Original, preview, thumbnail, ...); in case of a picture, url in different sizes are included:</p> |
|--|---|



```
"https://views.manitou-group.com/tessa/329594?channel=xsmall",
  "medium":
"https://views.manitou-group.com/tessa/329594?channel=medium",
  "large":
"https://views.manitou-group.com/tessa/329594?channel=large"
  },
  "group": { <ATTRIBUTE_GROUP_CODE/ORDER/LABEL> }
},
{
  "code": "studio",
  "order": 0,
  "label": "Studio",
  "value": [
    "https://views.manitou-group.com/tessa/329598",
    "https://views.manitou-group.com/tessa/329596",
    "https://views.manitou-group.com/tessa/329590"
  ],
  "group": { <ATTRIBUTE_GROUP_CODE/ORDER/LABEL> }
},
{
  "code": "cost_of_the_4_tyres",
  "order": 40,
  "label": "Coût des 4 pneus",
  "value": [
    {
      "currency": "EUR",
      "amount": "2304.00"
    }
  ],
  "group": { <ATTRIBUTE_GROUP_CODE/ORDER/LABEL> }
},
{
  "code": "low_emission_label",
  "order": 54,
  "label": "Faible émission",
  "value": {
    "refEntity": "low_emission_label",
    "code": "oxygen_label",
    "label": "Faibles émissions",
    "attributes": [
      {
        "code": "label",
        "label": "Nom du label",
        "value": {
          "code": <IDENTICAL_TO_LABEL_FIELD>,
          "label": "Faibles émissions"
        }
      },
      {
        "code": "description",
        "label": "Description",
        "value": {
          "code": <IDENTICAL_TO_LABEL_FIELD>,
          "label": "<h1 style=\"text-align:start;\">Oxygen :
Solutions à faible émission par Manitou</h1>\n<h2><span
style=\"color: rgb(103,118,138);background-color:
rgb(255,255,255);\">Réduisez vos émissions, augmentez vos normes
:</span></h2>\n<ul>\n<li style=\"text-align:start;\"><span
style=\"color: rgb(103,118,138);background-color:
rgb(255,255,255);\">Des performances optimisées : Qualité,
robustesse, productivité et innovation Manitou</span></li>\n</ul>\n"
        }
      },
      {
        "code": "tessa_picture",
        "label": "Picture",
        "value": { <SET_OF_ASSET_LINKS> }
      },
      {
        "code": "tessa_logo",
```

- small: 300px
- xsmall: 150px
- medium: 768px
- large: 1024px

(to get picture in its original size, use the 'original' link)

> but for multiple assets (ex : 'studio' attribute), value lists only urls to download each asset in its original format

**A better way to get product assets, with resizing and localized links, is to use the [GET/machines/{machineId}/assets](#) or [GET/attachments/{attachmentId}/assets](#) endpoints.**

#### Price attributes

#### Ref entity attributes

> a ref-entity attribute references a record (identified by its 'code', like 'oxygen\_label' here) of a referential entity (identified by the 'refEntity' field), and exposes its own attributes

> like others attributes, the 'value' field of a referential entity record attribute depends on the type of the attribute

> a machine with the 'low\_emission\_label' attribute is an 'oxygen' machine ; you can use this attribute to get associated wording and assets



```

        "label": "Logo",
        "value": { <SET_OF_ASSET_LINKS> }
    },
    <OTHER_ATTRIBUTES_OF_REF_ENTITY>
]
},
"group": { <ATTRIBUTE_GROUP_CODE/ORDER/LABEL> }
},
<OTHER_ATTRIBUTES_OF_PRODUCT>
},
"variants": [
  {
    "identifier": "mrt_123+_variant1",
    "name": "MRT 123",
    <ALL_OTHER_FIELDS_FOR_CURRENT_VARIANT>,
    "variants": [ <LEVEL_2_VARIANTS_OF_CURRENT_VARIANT> ]
  },
  <OTHER_VARIANTS_OF_LEVEL_1>
]
}

```

.....

All enabled variants of the uplevel product, with their own information

### List of products

The following chart lists the fields exposed by the below endpoints of the Partner Marketing API to get a filtered list of products, whether machine or an attachment :

- GET /api/v2/machines
- GET /api/v2/attachments

| JSON data   | Comments  |
|---|---|
| <pre> {   "total": 53,   "results": [     {       "identifier": "UtVER123ADUztIyO",       "name": "78 SEC",       "creationDate": "2018-12-07T14:57:32Z",       "updateDate": "2023-09-26T14:54:05Z",       "family": {"code": "AWP", "label": "Nacelles élévatrices"},       "productRanges": [ &lt;CATEGORIES_BRANCHES&gt; ],       "categories": [ &lt;LEAF_CATEGORIES_CODES&gt; ],       "mainVisual": &lt;CURRENT_PRODUCT_MAIN_VISUAL_LINK&gt;,       "preview": &lt;CURRENT_PRODUCT_PREVIEW_LINK&gt;,       "thumbnail": &lt;CURRENT_PRODUCT_THUMBNAIL_LINK&gt;,       "markets": [         "INDU"       ],       "brand": [         "MANITOU"       ],       "applications": ["lift", "elevation_people"],       "enabled": true,       "isNew": false,       "isOxygen": false,       "isOldSomewhere": false,       "isOld": false,     }   ] } </pre> | <p>Count of results</p> <p>List of filtered products</p> <p>ID, name, ... and other information of current product (see previous chart for more detailed field values)</p> <p>Markets, brands and specific applications of current product</p> <p>&gt; codes are returned for markets and applications</p> <p>&gt; /\ labels are returned for brands</p> <p>Some flags of current product</p> |



```

"isInnovation": false,
"isSpecialSolutions": false,
"simpleSheetAvailable": true
.....
"minimalAttributes": [
  {
    "code": "max_capacity",
    "value": {
      "display": {
        "metric": "1500 kg",
        "imperial": "3307 lb"
      },
      "data": {
        "raw": {
          "unit": "KILOGRAM",
          "amount": "1500.0000"
        },
        "metric": {
          "unit": "kg",
          "amount": "1500.0000"
        },
        "imperial": {
          "unit": "lb",
          "amount": "3306.933932773163710844607020175406"
        }
      }
    }
  },
  "label": "Hauteur de travail",
  "nomenclature": "h21"
},
<OTHER_MINIMAL_ATTRIBUTES_OF_CURRENT_PRODUCT>
],

```

.....  
 List of minimal attributes which can be used to display a summary or a card of the product

(see previous chart to see more detailed json data)

```

"assortiments": [
  {
    "code": "region",
    "order": 0,
    "label": "Region",
    "value": {
      "code": "all",
      "order": 2,
      "label": "All"
    },
    "group": {
      "code": "assortiments",
      "order": 5,
      "label": "Pays de commercialisation"
    }
  },
  <OTHER_ASSORTIMENT_ATTRIBUTES>
]
},
<OTHER_FILTERED_PRODUCTS>
],

```

.....  
 Assortiments attributes of the current product

Assortiments attributes : region, exclusiv\_country, exception\_country

Management of old products attributes : old\_products\_region, old\_products\_exclusiv\_country, old\_products\_exception\_country

If you need to use assortiments attributes, please contact the support.

```

"facets": [
  "total": 53,
  "isOxygen": {"false": 0, "true": 2},
  "isInnovation": {"false": 3, "true": 0},
  "isNew": {"false": 108, "true": 2},
  "isOldSomewhere": {"false": 54, "true": 167},
  "isOld": {"false": 0, "true": 67},
  "market": {
    "AGRI": 55,
    "AERO": 5,
    <OTHER_MARKET_FACETS>
  },
  "brand": {
    "ManitouATT": 0,
    "Manitou": 207,
    "Gehl": 32
  },

```

.....  
 Facets

.....  
 Facets on product flags

.....  
 Facets on markets, brands, and specific applications

> while brand labels are returned in results, brand codes are returned in facets



|  |  |
|--|--|
| <pre> "application": {   "Manutentionner des palettes": 0,   "Creuser": 0,   &lt;OTHER_APPLICATION_FACETS&gt; }, ..... "category": {   "warehousing": 9,   "rs": 9,   &lt;OTHER_CATEGORY_FACETS&gt; } ] </pre> | <p>.....</p> <p>Facets on product categories</p> |
|--|--|

### Available assets groups for a product

The following chart lists the fields exposed by the below endpoints of the Partner Marketing API to list assets group linked to a product, whether machine or attachment :

- GET /api/v1/machines/{machineId}/assets
- GET /api/v1/attachments/{attachmentId}/assets

*Points of attention about assets group :*

- The ID returned in the 'code' field identifies a document (or media, image, ... depends on the 'mediaType' field). In the case where the document (or media, image, ...) has translations, there are as many assets as there are available locales, so **the 'code' value identifies an assets group rather than a single asset, where each asset is a localized version of a document (or media, image, ...)**.
- Be careful, keep in mind that a localized assets group is returned only if the locale specified in the request is available for this group.

| JSON data  | Comments  |
|--|---|
| <pre> [ ..... {   "code": "dimensional_drawing_side_mlt_x_737.jpg",   "type": "jpg",   "mediaType": "Image",   "label": "Mon produit en détail !",   "clprCode": "703824",   "description": "",   .....   "attribute": "dimensional_drawing_side",   "attributeWithGroup": {     "code": "dimensional_drawing_side",     "order": 2,     "label": "Schéma encombrement vue de côté",     "group": {       "code": "dimensional_drawing",       "order": 29,       "label": "Schémas d'encombrement"     }   } }, ..... "locales": [], "localized": false, </pre> | <p>List of assets groups linked to the product</p> <p>General common information about assets group</p> <p>&gt; 'description' field is deprecated</p> <p>.....</p> <p>Attribute for which assets group and the product are linked</p> <p>.....</p> <p>Examples:<br/>dimensional_drawing_side / brochures</p> <p><b>If the same assets group is linked to a product through several attributes, it will be returned several times.</b></p> <p>.....</p> <p>Available locales</p> <p>&gt; asset specific fields (links and metadata) contain an entry for each locale ('en_US', ...) if</p> |



```
.....
  "links": {
    "download": {
      "no-locale":
"https://views.manitou-group.com/tessa/dimensional_drawing_side_mlt_x_737.jpg/no-locale"
    },
    "preview": {
      "no-locale":
"https://views.manitou-group.com/tessa-preview/dimensional_drawing_side_mlt_x_737.jpg/no-locale"
    },
    "urlsset": {
      "no-locale": {
        "original":
"https://views.manitou-group.com/tessa/dimensional_drawing_side_mlt_x_737.jpg/no-locale",
        "small":
"https://views.manitou-group.com/tessa/dimensional_drawing_side_mlt_x_737.jpg/no-locale?channel=small",
        "xsmall":
"https://views.manitou-group.com/tessa/dimensional_drawing_side_mlt_x_737.jpg/no-locale?channel=xsmall",
        "medium":
"https://views.manitou-group.com/tessa/dimensional_drawing_side_mlt_x_737.jpg/no-locale?channel=medium",
        "large":
"https://views.manitou-group.com/tessa/dimensional_drawing_side_mlt_x_737.jpg/no-locale?channel=large"
      }
    }
  },
  "metadata": {
    "no-locale": {
      "fileSize": 103066,
      "clprCode": "703824"
    }
  },
  "brands": ["Manitou"],
  "markets": ["AGRI"],
  "tags": ["Detail", "Application"],
  "categoriesPaths": [
    [
      {"parent": null, "code": "986", "label": "Root category"},
      {"parent": "986", "code": "484173", "label": "Akeneo"},
      {"parent": "484173", "code": "484174", "label": "Connect"},
      {"parent": "484174", "code": "484175", "label": "Machines"},
      {"parent": "484175", "code": "484182", "label":
"Agricultural telehandlers"},
      {"parent": "484182", "code": "484232", "label": "MLT NewAg"}
    ],
    <OTHER_CATEGORIES_PATHS>
  ],
  "categories": ["484232", "484233", "484237", "484238", "484381"]
},
<OTHER_ASSETS_GROUPS_LINKED_TO_THE_PRODUCT>
]
.....
```

localized is true, or a unique 'no-locale' entry otherwise

Links of assets

> 'download' : links to assets download

> 'preview' : links to assets preview

> 'urlsset' : sets of url in different sizes when assets are pictures (not returned if not)

Metadata of assets

> fileSize is in bytes

> for a localized group of assets, the clprCode may only be available for certain assets and not for others

Markets, brands and tags associated to the assets group

Categories of assets group

> returned with all levels of category branches as a flat structure in the 'categoriesPaths' field

> returned as an array of leaf categories in the 'categories' field

> precision : asset categories and product categories are different structures with their own codes





### Available documents for a machine

The following chart lists the fields exposed by the below endpoints of the Partner Marketing API to list available documents for a product :

- GET /api/v1/machines/{machineId}/documents

| JSON data   | Comments   |
|---|--|
| <pre>{   "brochures": {     "option-guide":     "https://brochures.manitou-group.com/option-guide?machineId=WykuU123CgAvXL0&amp;locale=fr-FR&amp;format=pdf",     "machine-book":     "https://brochures.manitou-group.com/machine-book?machineId=WykuU123CgAvXL0&amp;locale=fr-FR&amp;format=pdf",     "attachment-guide":     "https://brochures.manitou-group.com/attachment-guide?machineId=WykuU123CgAvXL0&amp;locale=fr-FR&amp;format=pdf"   },   "datasheet":   "https://views.manitou-group.com/machines/WykuU123CgAvXL0?locale=fr-FR&amp;format=pdf" }</pre> | <p>Public download links for all brochures available for the machine</p> <p>Machine datasheet public download link</p> |

### Available attachments for a machine / compatible machines for an attachment

The following chart lists the fields exposed by the below endpoints of the Partner Marketing API to list available products for another, whether attachments for a machine or machines for an attachment :

- GET /api/v1/machines/{machineId}/attachments
- GET /api/v1/attachments/{attachmentId}/machines

| JSON data  | Comments  |
|--|---|
| <pre>[   {     "code": "mrt_1645_400_115",     "label": "MRT 1645 115",     "family": {"code": "MRT", "label": "MRT"},     "productRanges": [ &lt;CATEGORIES BRANCHES&gt; ],     "mainVisual": {       "original": &lt;MAIN_VISUAL_LINK_IN_ORIGINAL_SIZE&gt;,       "small": &lt;MAIN_VISUAL_LINK_IN_SMALL_SIZE&gt;,       "xsmall": &lt;MAIN_VISUAL_LINK_IN_XSMALL_SIZE&gt;,       "medium": &lt;MAIN_VISUAL_LINK_IN_MEDIUM_SIZE&gt;,       "large": &lt;MAIN_VISUAL_LINK_IN_LARGE_SIZE&gt;     },     "minimalAttributes": [       &lt;MINIMAL_ATTRIBUTES&gt;     ]   },   ]</pre> | <p>List of available products for another. Old products are excluded.</p> <p>General information of current available product (see 'A product in detail' chart for more detailed field values)</p> <p>Public links of main visual of current available product, in different size</p> <p>Minimal attributes of current available attachment for a machine (see 'A product in detail' chart for more details about minimal attributes); not returned for compatible machines for an attachment</p> |


















































<OTHER\_AVAILABLE\_PRODUCTS>  
]

### 3.3. API parameters

This API allows the use of the following parameters:

| Parameter name  | Type   | Mandatory | Usage   |
|---|--------|-----------|---|
| <b>Applicable for all endpoints to access Manitou marketing data</b>                                  |        |           |   |
| Ocp-Apim-Subscription-Key   | Header | yes       | Customer subscription key (primary or secondary)  |
| <b>Applicable for all endpoints</b><br>(see “§3.1 Endpoint URLs” for parameter list of each endpoint) |        |           |   |
| machineId   | Path   | yes       | Machine ID.<br>Can be used as <code>machineId</code> : <ul style="list-style-type: none"> <li>• identifier values returned by GET <code>/api/v2/machines</code></li> <li>• code values returned by GET <code>/api/v1/attachments/{attachmentId}/machines</code></li> </ul> Query parameter : <ul style="list-style-type: none"> <li>• is required to get a Machine book</li> <li>• is not required to get an Equipment guide or an Attachments catalog, which could be filtered on a specific machine but also on a machine category</li> </ul>   |
|   | Query  | see Usage |   |
| attachmentId  | Path   | yes       | Attachment ID.<br>Can be used as <code>attachmentId</code> : <ul style="list-style-type: none"> <li>• identifier values returned by GET <code>/api/v2/attachments</code></li> <li>• code values returned by GET <code>/api/v1/machines/{machineId}/attachments</code></li> </ul> Query parameter is not required to get an Attachments catalog, which could be filtered on a specific attachment, on an attachment category, or also without any attachment filtering.  |
|   | Query  | no        |   |
| locale  | Query  | no        | Brochures, datasheets, and <code>name</code> and <code>label</code> values in JSON data are returned in the requested locale, and localized assets groups are returned only if the requested locale is available for this group.<br>The <code>code</code> values returned by GET <code>/api/v2/settings/locales</code> can be used as <code>locale</code> parameters : they are composed of the ISO code of the language followed by the ISO2 code of the country ( <code>fr-FR</code> , <code>de-DE</code> , <code>de-AT</code> , ...).<br>If no locale is requested, <code>en-US</code> is applied (except for assets).<br><b>Example:</b><br>GET <code>/api/v1/markets?locale=it-IT</code><br>Result :<br><pre>[   {     "code": "AGRI",     "order": 0,     "label": "Agricoltura"   },   ... ]</pre> |
| unit  | Query  | no        | Whether to display measurement data in imperial ( <code>imperial</code> ), metric ( <code>metric</code> ), or both measurement systems ( <code>all</code> - <i>not applicable for Machine books, Attachments catalogs and Simple datasheets</i> ), whether in brochures, datasheets or JSON data. Notice that in JSON data, the raw value is always returned in the base measurement system.<br>If no unit is requested, <code>all</code> is applied if available, <code>metric</code> otherwise.<br><b>Example:</b>  |



|  |   |   | <pre>GET /api/v2/machines?q=MRT&amp;unit=imperial Result : [...] "minimalAttributes": [   {     "code": "max_lifting_height",     "value": {       "display": {         "imperial": "51 ft 10 in"       },       "data": {         "raw": {           "unit": "METER",           "amount": "15.8000"         },         "imperial": {           "unit": "in",           "amount": "622.047244094488188976375"         }       }     }   } ] [...]</pre>  |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
|--|---|---|--|-----|---------|----------|-------|------------------|---|---|---|------------------------------|---|---|---|-------------------|---|---|---|---------------------|---|---|---|---|---|---|---|
| <p>country /<br/>allowOld /<br/>isOld</p>                      | <p>Query</p>  | <p>no</p>   | <p>When a specific country is requested with the <code>country</code> parameter, the API returns <u>only products that are or were available in that country</u>, depending on the two other parameters.</p> <ul style="list-style-type: none"> <li>• only products currently available : <i>when allowOld=0, or when allowOld=1 and isOld=0</i></li> <li>• both products currently and no longer available : <i>when allowOld=1 and isOld is omitted</i></li> <li>• only products no longer available : <i>when allowOld=1 and isOld=1 (uncommon usage of the API)</i></li> </ul> <p>When no country is requested, the API applies the other parameters considering a product is old when it was available in a country but it is no longer available in that country (the product is "old somewhere"). So the API returns ...</p> <ul style="list-style-type: none"> <li>• only products not old somewhere : <i>when allowOld=0, or when allowOld=1 and isOld=0</i></li> <li>• all products : <i>when allowOld=1 and isOld is omitted</i></li> <li>• only products old somewhere : <i>when allowOld=1 and isOld=1</i></li> </ul> <p>Values which can be used are :</p> <ul style="list-style-type: none"> <li>• 0 or 1 for <code>allowOld</code> and <code>isOld</code> parameters</li> <li>• the iso2 country code for the <code>country</code> parameter (US, GB, FR, IT, ...)</li> </ul> <p>The following chart shows in parentheses the default value used by the API for each parameter, and when the parameter can be set  or not .</p> <table border="1" data-bbox="730 1429 1442 1702"> <thead> <tr> <th>URL</th> <th>country</th> <th>allowOld</th> <th>isOld</th> </tr> </thead> <tbody> <tr> <td>Get all machines</td> <td>( ) </td> <td>(0) </td> <td>( ) </td> </tr> <tr> <td>Get attachments of a machine</td> <td>( ) </td> <td>(0) </td> <td>( ) </td> </tr> <tr> <td>Get machine by ID</td> <td>( ) </td> <td>(1) </td> <td>( ) </td> </tr> <tr> <td>Get all attachments</td> <td>( ) </td> <td>(0) </td> <td>( ) </td> </tr> <tr> <td>Get compatible machines of a attachment</td> <td>( ) </td> <td>(0) </td> <td>( ) </td> </tr> </tbody> </table> <p><i>For brochures, allowOld and isOld parameters are replaced by the filter parameter : see filter parameter for more details.</i></p> <p><u>Example :</u><br/>GET /api/v2/machines?country=FR<br/>Result : the API returns only machines currently available in France.</p> | URL | country | allowOld | isOld | Get all machines | ( )  | (0)  | ( )  | Get attachments of a machine | ( )  | (0)  | ( )  | Get machine by ID | ( )  | (1)  | ( )  | Get all attachments | ( )  | (0)  | ( )  | Get compatible machines of a attachment | ( )  | (0)  | ( )  |
| URL  | country   | allowOld  | isOld  |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
| Get all machines   | ( )  | (0)  | ( )   |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
| Get attachments of a machine                                   | ( )  | (0)  | ( )   |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
| Get machine by ID  | ( )  | (1)  | ( )   |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
| Get all attachments  | ( )  | (0)  | ( )   |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
| Get compatible machines of a attachment                        | ( )  | (0)  | ( )   |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |
| <p>category /<br/>machineCategory /<br/>attachmentCategory</p> | <p>Query</p>  | <p>no</p>   | <p>When using category parameters, the API only returns products from at least one of the requested categories (or subcategories), whether in JSON data or in brochures.</p> <p>Values which can be used are :</p>   |     |         |          |       |                  |   |   |   |                              |   |   |   |                   |   |   |   |                     |   |   |   |   |   |   |   |



|                             |                                    |                               | <ul style="list-style-type: none"> <li>code returned by GET /api/v1/machines/_categories for the categories of machines</li> <li>code returned by GET /api/v1/attachments/_categories for the categories of attachments</li> </ul> <p>Depending on the URL, a comma-separated list of category codes can be requested, or a unique code.</p> <table border="1"> <thead> <tr> <th>URL</th> <th>parameter</th> <th>categories of machines / att.</th> <th>code / list parameter</th> </tr> </thead> <tbody> <tr> <td>Get all machines</td> <td>category</td> <td>machines</td> <td>list</td> </tr> <tr> <td>Get all attachments</td> <td>category</td> <td>attachments</td> <td>list</td> </tr> <tr> <td>Option guide</td> <td>category</td> <td>machines</td> <td>code</td> </tr> <tr> <td rowspan="2">Attachments catalog</td> <td>machineCategory</td> <td>machines</td> <td>list</td> </tr> <tr> <td>attachmentCategory</td> <td>attachments</td> <td>code</td> </tr> </tbody> </table> <p><b>Example :</b><br/>GET<br/>/api/v2/machines?category=backhoe_loader,compact_loader<br/>Result : the API returns only machines from the "backhoe_loader" and "compact_loader" categories (and their subcategories).</p>            | URL | parameter                          | categories of machines / att. | code / list parameter | Get all machines | category | machines                | list        | Get all attachments | category            | attachments | list | Option guide                | category | machines | code            | Attachments catalog  | machineCategory | machines            | list        | attachmentCategory | attachments | code |
|-----------------------------|------------------------------------|-------------------------------|--|-----|------------------------------------|-------------------------------|-----------------------|------------------|----------|-------------------------|-------------|---------------------|---------------------|-------------|------|-----------------------------|----------|----------|-----------------|----------------------|-----------------|---------------------|-------------|--------------------|-------------|------|
| URL                         | parameter                          | categories of machines / att. | code / list parameter  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get all machines            | category                           | machines                      | list   |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get all attachments         | category                           | attachments                   | list   |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Option guide                | category                           | machines                      | code   |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Attachments catalog         | machineCategory                    | machines                      | list   |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
|                             | attachmentCategory                 | attachments                   | code   |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| brand                       | Query                              | no                            | <p>When using the <code>brand</code> parameter, the API only returns products (machines or attachments) of at least one of the requested brands, whether in JSON data or in brochures.</p> <p>Can be used as <code>brand</code> :</p> <ul style="list-style-type: none"> <li>code values returned by GET /api/v1/brands</li> </ul> <p>Depending on the URL, a comma-separated list of brand codes can be requested, or a unique code.</p> <table border="1"> <thead> <tr> <th>URL</th> <th>brand parameter is applied on ...</th> <th>code / list parameter</th> </tr> </thead> <tbody> <tr> <td>Get all machines</td> <td>machines</td> <td>list</td> </tr> <tr> <td>Get all attachments</td> <td>attachments</td> <td>list</td> </tr> <tr> <td>Attachments catalog</td> <td>attachments</td> <td>code</td> </tr> </tbody> </table> <p><b>Example :</b><br/>GET /api/v2/machines?brand=Manitou<br/>Result : the API returns only Manitou brand machines.</p>  | URL | brand parameter is applied on ...  | code / list parameter         | Get all machines      | machines         | list     | Get all attachments     | attachments | list                | Attachments catalog | attachments | code |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| URL                         | brand parameter is applied on ...  | code / list parameter         |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get all machines            | machines                           | list                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get all attachments         | attachments                        | list                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Attachments catalog         | attachments                        | code                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| market                      | Query                              | no                            | <p>When using the <code>market</code> parameter, the API only returns products (machines or attachments) of at least one of the requested markets, whether in JSON data or in brochures.</p> <p>Can be used as <code>market</code> :</p> <ul style="list-style-type: none"> <li>code values returned by GET /api/v1/markets</li> </ul> <p>Depending on the URL, a comma-separated list of market codes can be requested, or a unique code.</p> <table border="1"> <thead> <tr> <th>URL</th> <th>market parameter is applied on ...</th> <th>code / list parameter</th> </tr> </thead> <tbody> <tr> <td>Get all machines</td> <td>machines</td> <td>list</td> </tr> <tr> <td>Get assets of a machine</td> <td>assets</td> <td>list</td> </tr> <tr> <td>Get all attachments</td> <td>attachments</td> <td>list</td> </tr> <tr> <td>Get assets of an attachment</td> <td>assets</td> <td>list</td> </tr> <tr> <td>Equipment guide</td> <td>machines, equipments</td> <td>code</td> </tr> <tr> <td>Attachments catalog</td> <td>attachments</td> <td>code</td> </tr> </tbody> </table> <p><b>Example :</b><br/>GET /api/v2/machines?market=CONS,INDU<br/>Result : the API returns machines of Construction and Industry markets.</p> | URL | market parameter is applied on ... | code / list parameter         | Get all machines      | machines         | list     | Get assets of a machine | assets      | list                | Get all attachments | attachments | list | Get assets of an attachment | assets   | list     | Equipment guide | machines, equipments | code            | Attachments catalog | attachments | code               |             |      |
| URL                         | market parameter is applied on ... | code / list parameter         |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get all machines            | machines                           | list                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get assets of a machine     | assets                             | list                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get all attachments         | attachments                        | list                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Get assets of an attachment | assets                             | list                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Equipment guide             | machines, equipments               | code                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| Attachments catalog         | attachments                        | code                          |  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |
| application                 | Query                              | no                            | <p>When using the <code>application</code> parameter, the API only returns products that enable the requested application, as well as products without any specific application, whether in JSON data or in brochures.</p> <p>Can be used as <code>application</code> :</p>  |     |                                    |                               |                       |                  |          |                         |             |                     |                     |             |      |                             |          |          |                 |                      |                 |                     |             |                    |             |      |



|   |   |                       | <ul style="list-style-type: none"> <li>code values returned by GET /api/v1/applications</li> </ul> <p>For this parameter, only a unique code can be requested.</p> <table border="1"> <thead> <tr> <th>URL</th> <th>application parameter is applied on ...</th> <th>code / list parameter</th> </tr> </thead> <tbody> <tr> <td>Get all machines</td> <td>machines</td> <td>code</td> </tr> <tr> <td>Get all attachments</td> <td>attachments</td> <td>code</td> </tr> <tr> <td>Attachments catalog</td> <td>attachments</td> <td>code</td> </tr> </tbody> </table> <p><b>Example :</b><br/> GET /api/v2/attachments?application=digging<br/> Result : the API returns attachments where one of the applications is to dig, as well as attachments without any specific application.</p>  | URL | application parameter is applied on ... | code / list parameter | Get all machines | machines | code | Get all attachments | attachments | code | Attachments catalog | attachments | code |
|---|---|-----------------------|---|-----|---|-----------------------|------------------|----------|------|---------------------|-------------|------|---------------------|-------------|------|
| URL   | application parameter is applied on ... | code / list parameter |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| Get all machines  | machines                                | code                  |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| Get all attachments   | attachments                             | code                  |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| Attachments catalog   | attachments                             | code                  |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| <b>Applicable for the GET /api/v2/machines and the GET /api/v2/attachments URLs</b> |   |                       |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| isOxygen / isNew  | Query                                   | no                    | <p>(only applicable on the GET /api/v2/machines URL)<br/> To filter the list of machines returned by the API.</p> <ul style="list-style-type: none"> <li>isOxygen : whether the machine has the Low emission label (1) or not (0) ; omitting this parameter will return all machines, whether with Low emission label or not</li> <li>isNew : whether the machine is new (1) or not (0) ; omitting this parameter will return all machines, whether new or not</li> </ul>   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| q   | Query                                   | no                    | <p>To filter the list of products returned by the API : q value is the product name (or partial name) to search (case and space unsensitive).</p> <p><b>Example :</b><br/> GET /api/v2/machines?q=2260<br/> Result : machines returned by the API are "MRT 2260", "MRT 2260 e" and "MRT-X 2260".</p>  |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| richFacets  | Query                                   | no                    | <p>Whether to use rich facet payloads with code, label, order and counts for each facet (1), or only result counts (0 or omitted).</p> <p><b>Example :</b><br/> GET /api/v2/machines?q=2260&amp;richFacets=1<br/> Result :<br/> [...]<br/> "facets": {<br/>   "market": {<br/>     "AGRI": {<br/>       "order": 1,<br/>       "count": 0,<br/>       "label": "Agriculture"<br/>     },<br/>   },<br/> [...]</p>   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| <b>Applicable for the GET /api/v1/machines/{machineId}/documents URL</b>            |   |                       |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| serialNumber  | Query                                   | no                    | <p>The API returns documents which are linked to the serialNumber, as well as documents linked to the machine ID.</p>   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| <b>Applicable for datasheet and brochures</b>                                       |   |                       |   |     |   |                       |                  |          |      |                     |             |      |                     |             |      |
| filter  | Query                                   | no                    | <p>(only applicable for brochures)<br/> filter expression sets the behavior regarding old, and upcoming products (machines or attachments). The expression must follow the repeating pattern &lt;symbol&gt;&lt;key&gt; where supported symbols are '.' (include), '-' (exclude), and '~' (only/must-match), and supported keys are old, and upcoming. For missing keys, the default value is '-&lt;missing_key&gt;'.<br/> Like the allowOld and isOld parameters, the old filter is linked with the country parameter, considering that :</p> <ul style="list-style-type: none"> <li>.old is equivalent to allowOld=1</li> <li>-old is equivalent to allowOld=0</li> <li>~old is equivalent to allowOld=1&amp;isOld=1</li> </ul> <p>(see country / allowOld / isOld parameters for more details)<br/> The following chart shows for each filter the filtered products, depending on the brochure.</p> |     |   |                       |                  |          |      |                     |             |      |                     |             |      |



| Brochure            | old<br>is applied on ... | upcoming<br>is applied on ... |
|---------------------|--------------------------|-------------------------------|
| Attachments catalog | machines                 | machines                      |
| Equipments guide    | machines                 | machines                      |
| Machine Book        | machine                  | machine                       |

**Example :**  
[https://brochures.manitou-group.com/attachment-guide?locale=fr-FR&unit=metric&machineCategory=rotating\\_telehandlers&market=AGRI&filter=.old&country=FR&format=html](https://brochures.manitou-group.com/attachment-guide?locale=fr-FR&unit=metric&machineCategory=rotating_telehandlers&market=AGRI&filter=.old&country=FR&format=html)  
**Result :** In the generated Attachments catalog ...
 

- upcoming machines are excluded, because the `upcoming` filter is omitted
- machines currently available and no longer in France are included, because of the `.old` filter and the `FR` country parameter

|                               |       |    |  |
|-------------------------------|-------|----|--|
| <code>display</code>          | Query | no | (only applicable for datasheet)<br>Whether to generate a simple datasheet ( <code>simple</code> ) or not (omitted or <code>full</code> ). Simple datasheets are only available for machines with <b>"simpleSheetAvailable": true</b> in JSON data returned by the <code>GET /api/v1/machines/{machineId}</code> URL. |
| <code>format</code>           | Query | no | Output format ( <code>html</code> or <code>pdf</code> ). Omitting this parameter will generate a html document.  |
| <code>watermark</code>        | Query | no | Whether to include an environment watermark (omitted or <code>1</code> ) or not ( <code>0</code> ). No watermark can be included in the production environment.  |
| <code>forceDownload</code>    | Query | no | Whether to force generated PDF to be downloaded (omitted or <code>1</code> ) or not ( <code>0</code> ).  |
| <code>withDownloadLink</code> | Query | no | Whether to include a link to download the document as a PDF ( <code>1</code> ) or not (omitted or <code>0</code> ).  |
| <code>printMode</code>        | Query | no | (only applicable for Attachments catalog)<br>Whether to generate PDF for 'print' use ( <code>1</code> ) or not (omitted or <code>0</code> ).   |

Please note that the filter parameters can be combined one with another, so one can retrieve all the machines of a given brand and for a given market, for example.

### 3.4. Customer support

Customer support to operate the service:

If you encounter an issue not covered here, you can use our ASSIST ticketing tool to write a request concerning the configuration, an incident or evolutions.

A specific flow has been implemented to address your demands directly to the project team.