

## Content

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### 1.1 Document history

Rel.	Date	Changes
V2.0	2020-08-12	New V2 version with JSON structure
V2.1	2020-09-30	Add option translation
V2.2	2021-11-12	Option to output in XML added
V2.3	2021-11-22	Price value changed to euro's (float type)
V2.4	2022-03-21	Change language code en-US to en-GB

## 2 Introduction

This specification document describes the Machinetrack bulk export interface. This interface is intended to be used for exporting the dealers their own stock to it own websites. With this interface all required stock data will be available so the ads can be showed on their own website with their own category structure.

## 3 Functional specification

### 3.1 Standard compliance

Unless specified otherwise, the API is compliant protocol version listed in the following table.

Standard	Version
HTTP	1.1 / 2.0
HTTPS	Based on TLS 1.2
HTML	5
JSON	RFC4627

### 3.2 Authentication

Basic HTML authentication is used to grant access to the export URL. Unauthenticated request causes the server to return HTTP 401 Not Authorized response including the WWW-Authenticate: basic response header. The credentials are visible on export link settings page or can be requested at Machinetrack.

### 3.3 Ads URL

The URL for retrieving the ads: <https://api.machinetrack.nl/export/dealer/v2/ads>

Standard it is allowed to read the URL with a maximum resolution of one per hour. See Chapter **Error! Reference source not found.** of the Webhook to make the bulk URL Realtime.

### 3.4 Ad structure

By performing an GET request to the Ads URL the bulk list is provided. An Ad has the following fields / structure:

Parameter	Type	Description
adId	Integer	Unique key to identify an Ad
status	String	The status of the ad, possible values: "SELL", "RESERVED", "SOLD", "RENT".
category -> id	Integer	The unique Machinetrack category ID
category -> name	String	The Machinetrack category name
category -> extId	String	The own defined category ID
category -> extName	String	The own defined category name
title -> language	String	Title of the ad. Supported: "nl-NL", "en-GB", "de-DE", "fr-FR".
brand -> id	String	The brand ID
brand -> name	String	The brand name
model -> id	String	The model ID
model -> name	String	The model name
year	Integer	Construction year

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hours	Integer	Working hours
mileage	Integer	Mileage of machine in kilometer unit
weight	Integer	Weight in kilograms
licenseplate	String	Licenseplate with stripes in it
price -> enduser -> value	float	Enduser price in Euro
price -> enduser -> type	String	Supported types: "INC_VAT", "EXC_VAT", "MARGIN"
price -> dealer -> value	float	Dealer price in Euro
price -> dealer -> type	String	Supported types: "INC_VAT", "EXC_VAT", "MARGIN"
price -> export -> value	float	Export price in Euro
price -> export -> type	String	Supported types: "INC_VAT", "EXC_VAT", "MARGIN"
price		The price group contains the types of prices: enduser, dealer, export
price -> value	float	Price in Euro
price -> type	String	Supported types: "INC_VAT", "EXC_VAT", "MARGIN"
cusRef	String	User defined reference string
conditionGeneral	String	Supported options: "NEW", "ALMOST_NEW", "GOOD", "AVERAGE", "NEEDS_REPAIRS", "BAD"
conditionOptical	String	Supported options: "NEW", "ALMOST_NEW", "GOOD", "AVERAGE", "NEEDS_REPAIRS", "BAD"
conditionTechnical	String	Supported options: "NEW", "ALMOST_NEW", "GOOD", "AVERAGE", "NEEDS_REPAIRS", "BAD"
options -> optionId	Integer	The option ID
options -> name -> language	String	Name of the option including value and unit. Supported: "nl-NL", "en-GB", "de-DE", "fr-FR".
options -> type	String	Type of option, supported are: boolean, integer, string and month.
options -> value	String	The value applicable to the option
options -> unit	String	Unit of the option like % or Kg
remarks -> language	String	Supported: "nl-NL", "en-GB", "de-DE", "fr-FR". The text supports the following HTML tags: <b><i><u> <li><ul><ol>.
images	String	List of images URLs
movie	String	URL to Youtube or Vimeo movie
files	String	List of files URLs
url	String	Deeplink of the ad on Machinetrack
created	Datetime	Datetime of creation date
changed	Datetime	Datetime of last ad change

#### JSON Ad example

```
{
  "adId": 856963,
  "status": "SELL",
  "category": {
    "id": 255,
```

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```
"name": "Forklift electric",
"extId": "145",
"extName": "Reachetrucks"
},
"title": {
  "nl-NL": "Elektrische heftruck Komatsu 3.000mm/ 2.700kg sideshift"
},
"brand": {
  "id": "Jungheinrich",
  "name": null
},
"model": {
  "id": null,
  "name": "FR30H1E"
},
"year": 1994,
"hours": 11765,
"mileage": 11765,
"weight": 4834,
"licenseplate": null,
"price": {
  "enduser": {
    "value": 325000,
    "type": "EXC_VAT"
  },
  "dealer": {},
  "export": {}
},
"cusRef": "VS-20355",
"conditionGeneral": "GOOD",
"conditionOptical": "GOOD",
"conditionTechnical": "GOOD",
"options": [
  {
    "id": 45,
    "name": {
      "nl-NL": "Laadvermogen",
      "en-GB": "Load capacity",
      "de-DE": "Kapazität"
    },
    "value": {
      "type": "integer",
      "integer": 2700
    },
    "unit": "kg"
  },
],
"remarks": {},
"images": [
  "https://media.machinetrack.nl/19419/image/large/16174747861474.jpg",
  "https://media.machinetrack.nl/19419/image/large/16174747686248.jpg",
  "https://media.machinetrack.nl/19419/image/large/16174747831327.jpg",
```

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```

    "https://media.machinetrack.nl/19419/image/large/16174747623410.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747644288.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747665723.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747707940.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747738502.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747759796.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747771041.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747791197.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747811241.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747881534.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747901694.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747921723.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747961979.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174748022270.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747982059.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174748002164.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747941869.jpg",
    "https://media.machinetrack.nl/19419/image/large/16174747602790.jpg",
    "https://media.machinetrack.nl/19419/image/large/16173489562960.jpg"
  ],
  "movie": "https://www.youtube.com/embed/DwhGjNAjfCE",
  "files": null,
  "url": "https://dev.machinetrack.nl/nl/m856963",
  "created": "2021-04-02T09:32:20Z",
  "changed": "2021-04-03T20:34:33Z"
},

```

It is also possible to output the data in XML format. Changing the default JSON output to XML can be performed by adding the output=xml to the HTML header. It is also possible by adding “.xml” behind the URL.

## XML Ad example

```

<ad adId="856963">
  <status>SELL</status>
  <category>
    <id>255</id>
    <name>Forklift electric</name>
    <extId>145</extId>
    <extName>Reachetrucks</extName>
  </category>
  <title>
    <nl-NL>Elektrische heftruck Komatsu 3.000mm/ 2.700kg sideshift</nl-NL>
  </title>
  <brand id="jungheinrich">Jungheinrich</brand>
  <model>FR30H1E</model>
  <year>1994</year>
  <hours>11765</hours>
  <mileage>11765</mileage>
  <weight>4834</weight>
  <price>
  <enduser>

```

## Machinetrack export

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```
<value>325000</value>
  <type>EXC_VAT</type>
</enduser>
<dealer></dealer>
<export></export>
</price>
<cusRef>VS-20355</cusRef>
<conditionGeneral>GOOD</conditionGeneral>
<conditionOptical>GOOD</conditionOptical>
<conditionTechnical>GOOD</conditionTechnical>
<options>
  <option id="45">
    <name>
      <nl-NL>Laadvermogen</nl-NL>
      <en-GB>Load capacity</en-GB>
      <de-DE>Kapazität</de-DE>
    </name>
    <value>
      <type>integer</type>
      <integer>2700</integer>
    </value>
    <unit>kg</unit>
  </option>
</options>
<remarks></remarks>
<images>
  <image>https://media.machinetrack.nl/19419/image/large/16174747861474.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747686248.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747831327.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747623410.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747644288.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747665723.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747707940.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747738502.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747759796.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747771041.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747791197.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747811241.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747881534.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747901694.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747921723.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747961979.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174748022270.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747982059.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174748002164.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747941869.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16174747602790.jpg</image>
  <image>https://media.machinetrack.nl/19419/image/large/16173489562960.jpg</image>
</images>
<movie>https://www.youtube.com/embed/DwhGjNAjfCE</movie>
<files></files>
<url>https://dev.machinetrack.nl/nl/m856963</url>
```

```
<created>2021-04-02T09:32:20Z</created>  
<changed>2021-11-12T17:23:09Z</changed>  
</ad>
```

### 3.5 How to handle changes

The ads URL contains the active stock. Meaning if stock is not present any more in the URL it needs to be removed. The AdId is a unique number that can be used to compare the stock.

An update images or file get a new URL in the feed. Therefore, only the URLs need to be compared to detect possible update images or files.

### 3.6 Own category structure

In Machinetrack there is the option to create your own category structure. Just add a category with your own defined name and ID. Second create a filter in Machinetrack to link the Machinetrack category to your own defined category. These own created categories are then visible in the JSON feed to group them on the own website.

### 3.7 Webhook

Optional a Webhook URL can be provided to Machinetrack. After a change in the stock list Machinetrack will trigger the Webhook URL of your own website indication your website should updated the stock. The Webhook will be triggered with a maximum resolution of once per 5 minutes. When using the Webhook option the limitation of reading the feed once per hour is not applicable.