



## Overview

Pick items removing them from inventory, either Quick Picks or Pick Order Picks. Execute picks with POST requests.

## Allowed Requests

POST, GET

## Post Requests

By default and without a `line_id` provided, the following will execute a Quick Pick which simply removes quantity from the system.

### Required Fields

```
product_id  
warehouse_id  
warehouse_bin_id  
quantity
```

### Optional Fields

```
product_lot_id  
account_id
```

### Serialized Items

In order to pick serial items one additional field is required:

```
product_serial_id
```

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## Pick Order Picks

In order to execute a pick against an order, you must provide an additional field:

`line_id`

This will be the id for a pick order line. You can get the ids for pick order lines by doing a GET on the pick order lines endpoint at

`https://<company_name_here>.flowtrac.com/api/pick-order-lines`

Additionally you can get pick order lines with allocated quantity by doing a GET on this Picks endpoint.

## Minimal Example

```
curl -X POST -H "Authorization: TOKEN_TYPE ACCESS_TOKEN" -H "Content-Type: application/json" -d '{
    "product_id" : "12345678-90AB-CDEF-1234-567890ABCDEF",
    "warehouse_id" : "00001111-0000-1111-0000-111100001111",
    "warehouse_bin_id" : "11112222-3333-4444-5555-666677778888",
    "quantity" : "1"
}' 'https://<company_name_here>.flowtrac.com/api/picks'
```

## Complete Example

```
curl -X POST -H "Authorization: TOKEN_TYPE ACCESS_TOKEN" -H "Content-Type: application/json" -d '{
    "product_id" : "12345678-90AB-CDEF-1234-567890ABCDEF",
    "warehouse_id" : "00001111-0000-1111-0000-111100001111",
    "warehouse_bin_id" : "11112222-3333-4444-5555-666677778888",
    "quantity" : "1",
    "product_lot_id" : "FEDCBA09-8765-4321-FEDC-BA0987654321",
    "account_id" : "FFFFFFFF-DDDD-CCCC-BBBB-AAAABBBBCCCC"
}' 'https://<company_name_here>.flowtrac.com/api/picks'
```

## Pick Order Example

```
curl -X POST -H "Authorization: TOKEN_TYPE ACCESS_TOKEN" -H "Content-Type: application/json" -d '{
    "product_id" : "12345678-90AB-CDEF-1234-567890ABCDEF",
    "warehouse_id" : "00001111-0000-1111-0000-111100001111",
    "warehouse_bin_id" : "11112222-3333-4444-5555-666677778888",
    "quantity" : "1",
    "product_lot_id" : "FEDCBA09-8765-4321-FEDC-BA0987654321",
    "account_id" : "FFFFFFEEE-DDDD-CCCC-BBBB-AAAABBBBCCCC",
    "line_id" : "CDCDCDCD-CDCD-CDCD-CDCD-CDCDCDCDCDCD"
}' 'https://<company_name_here>.flowtrac.com/api/picks'
```

## GET Requests

### Overview

Different results will be returned depending on whether Staging is enabled or not.

Staging Enabled - GET returns records for all pick order lines with staged quantity greater than 0.

Staging Disabled - GET returns records for all pick order lines with allocated quantity greater than 0.

### Allocations Filterable Columns

id	unit_of_measure
table_id	order_uom_id
product_warehouse_id	order_factor
warehouse_bin_id	pick_order_number
product_lot_id	bin
product_serial_id	bin_type
product_id	lot
warehouse_id	serial
contained_in_product_serial_id	description
allocated_quantity	pick_order_id
allocations_picked_quantity	product
quantity	type
pick_order_line_id	owned_by_account_id
order_allocated	

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## Stages Filterable Columns

id	lot_age
pick_order_line_id	flex_product_lot_id
product_id	pick_order_id
warehouse_bin_id	order_factor
warehouse_id	order_allocated
quantity	table_id
staged	product
allocated_quantity	description
available	default_stock_factor
contained_in_product_serial_id	default_stock_unit_of_measure_i
product_serial_id	d
serial	bin
created	bin_status
condition_id	bin_type
flex_product_serial_id	include_in_available
product_lot_id	default_stock_unit_of_measure
lot	container_type
lot_created	
expiration_date	

## Example

```
curl -X GET -H "Authorization: TOKEN_TYPE ACCESS_TOKEN" -H "Content-Type: application/json"
'https://<company_name_here>.flowtrac.com/api/picks?bin_type-in=Inventory,Received&description-isnotnull'
```