## ## Introduction

This guide will teach you how to set a maximum line item quantity on a product. This can be used in any situation where you want to limit the maximum quantity a user can purchase for a single line item.

For this example, we want to enable users to select the quantity to be added to cart but restrict them from ordering more than 2,500 of a selected product.

## ## Prerequisites

* [Create and Assign a Product]([https://documentation.ordercloud.io/use-case-guides/product-catalog-management/create-and-assign-a-product](https://devcenter.ordercloud.io/guides/base-use-cases/create-and-assign-a-product))
* [Create and Assign a Price Schedule]([https://documentation.ordercloud.io/use-case-guides/product-catalog-management/create-and-assign-price-schedule](https://devcenter.ordercloud.io/guides/base-use-cases/create-and-assign-price-schedule))
* [Set Minimum and Maximum Order Quantities]([https://documentation.ordercloud.io/use-case-guides/product-and-catalog-management/set-minimum-and-maximum-order-quantities](https://documentation.ordercloud.io/guides/base-use-cases/set-minimum-and-maximum-order-quantities))

## ## 1. Create a Price Schedule

Assuming you have already created the product that you want to set a maximum quantity on, next you will create a corresponding Price Schedule.

When creating the Price Schedule, set the `MaxQuantity` value to the desired quantity limit. In this example, set it to `2500`.

<div class="api-reference">API Reference: [Create a Price Schedule](<https://documentation.ordercloud.io/api-reference#PriceSchedules_Create>)</div>

```

POST https://api.ordercloud.io/v1/priceschedules/{priceScheduleID}s HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json; charset=UTF-8

{  
 "ID": "ExamplePriceScheduleID",  
 "Name": "Example Price Schedule Name",  
 "ApplyTax": false,  
 "ApplyShipping": false,  
 "MinQuantity": null,  
 "MaxQuantity": 2500,  
 "UseCumulativeQuantity": false,  
 "RestrictedQuantity": false,  
 "PriceBreaks": [  
 {  
 "Quantity": 1,  
 "Price": 5.0  
 }  
 ],  
 "xp": null  
}

```

## 2. Assign Price Schedule to a Product

Once you have created the Price Schedule, assign it to the corresponding product.

<div class="api-reference">API Reference: [Create a Price Schedule](<https://documentation.ordercloud.io/api-reference#PriceSchedules_Create>)</div>

```

POST https://api.ordercloud.io/v1/priceschedules/{priceScheduleID}s HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json; charset=UTF-8

{  
 "ID": "FIXIT",  
 "Name": "Example Price Schedule Name",  
 "ApplyTax": false,  
 "ApplyShipping": false,  
 "MinQuantity": null,  
 "MaxQuantity": 2500,  
 "UseCumulativeQuantity": false,  
 "RestrictedQuantity": false,  
 "OrderType": "Standard",  
 "PriceBreaks": [  
 {  
 "Quantity": 1,  
 "Price": 5.0  
 }  
 ],  
 "xp": null  
}

```

## ## What Ifs

<strong>What if you need to assign this max quantity to all users?</strong><br/> You would need to assign the Price Schedule with the set `MaxQuantity` at the buyer level.

<strong>What if you need to assign different maximum quantities to different sets of users?</strong><br/> You can create multiple Price Schedules with a unique `MaxQuantity` for each set of users needed. Then make sure the Price Schedule assignments correspond to the user groups you want.

<strong>What if you need to control the max quantity across the whole order for a specific product?</strong><br/>If you want to restrict the user from adding multiple line items of the same product in order to exceed the max quantity, set the `UseCumulativeQuantity` property to `true` on the Price Schedule. This will limit the user to specific quantities across their entire order.

## ## Conclusion

This guide allows you to establish a maximum quantity on a product through a Price Schedule. If you are interested in learning how to restrict product quantity intervals, check out the [Restrict Product Quantity Intervals](<https://docs.google.com/a/four51.com/document/d/1gN4k0TxQhYqCRsP1VYC-DNOhDkZWIoYkO5B4JqsCJsA/edit?usp=drive_web>) guide.