

## Links to Video Clips Demonstrating Automation Technology

### Sub-Module: Automation

#### Behind the Scenes at Ter Laak Orchids (6:49)

<https://www.youtube.com/watch?v=TMInsF0EI6A>

Ter Laak Orchids is a large phalaenopsis orchid grower in the Netherlands. Much of their production is automated. In this video, you will see a great beginning to end 'story' of an orchid being produced. It includes several examples of greenhouse automation.

#### Logiqs Automatic Irrigation Booms (2:22)

<https://www.youtube.com/watch?v=6ilJVtfgCvk>

In this video, you will observe the use of automated irrigation booms, the can administer precise amounts of water, growth regulators, and pesticide application, through software integration.

#### Logiqs Automated Cultivation Systems (8:02)

[https://www.youtube.com/watch?v=TTzkr8NX\\_rc](https://www.youtube.com/watch?v=TTzkr8NX_rc)

This video highlights several examples of greenhouse and horticulture automation used in the industry.

#### Logiqs Automated Tulip Systems (3:39)

<https://www.youtube.com/watch?v=cd2L9gJ58HU>

Hydroponic forcing of tulips is a popular method of producing cutflower tulip stems. This video shows automated tulip forcing in a Dutch greenhouse, right after planting, to post harvest processing and bunching of the tulips for sale.

#### CMP Automated Bulb Planting System (1:04)

<https://www.youtube.com/watch?v=aGZE-9af4xo>

CMP is a manufacturer of automated horticulture machines. In this video, automated bulb planting is demonstrated for tulip forcing.

#### Automating the Planting Process at Armstrong Garden Centers (2:11)

[https://www.youtube.com/watch?v=WjBnJ4\\_iiDs](https://www.youtube.com/watch?v=WjBnJ4_iiDs)

Automation in the horticulture industry has been used for several years. Some of the early automation was integrated for planting lines.

#### Automated Benching Systems (12:22)

<https://www.youtube.com/watch?v=EMFPcN1Awyg>

In this video, several examples of automation are shown, during floriculture plant production, from planting or sticking, to moving out into the greenhouse and automatic pot spacing for further growth.



### **Automated Lettuce Transplanting Transplant Systems(0:40)**

<https://www.youtube.com/watch?v=6uF0UdFFsYo>

This video provides a glimpse of automated vegetable transplanting, namely lettuce, into a field growing situation.

### **Automated Harvesting Carts (3:22)**

<https://www.youtube.com/watch?v=MDWC22eVGL4>

In this video, one can observe automated carts that assist with cucumber harvesting in a greenhouse situation. Workers pick the produce and put into bins on carts and the carts are automatically moved to the processing area.

### ***\*\*Disclaimer\*\****

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