

## Quantum V25D Semi-automatic Capsule Filling Machine



Quantum V25D from AVE Technologies is a cGMP-compliant semi-automatic capsule filling machine with innovative and flexible design options to meet a wide array of filling needs.

Designed for high speed semi-automatic filling applications in a cGMP environment, the Quantum V25D introduces cost-effective quality and performance with PLC control and HMI interface control panel.

The innovative operational and safety features of the Quantum V25D streamline the production process and facilitate speed to market by providing processing speeds of up to 25,000 capsules per hour.



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# QUANTUM V25D

## Features

**The Quantum V25D with latest technology and components ensure cleanliness and protect product integrity.**

- Stainless steel disc carrier, rotary table, powder hopper, and enclosure
- Digital displays on touch screen enable highly repeatable and consistent speed and timer settings
- Automatic release - capsule separation disc™
- Batch counter
- Siemens PLC and colour HMI control
- Hopper material SS316L
- Non-contact parts SS304
- Automatic capsule separation mechanism
- Automatic capsule lock and discharge mechanism
- Removable powder hopper for cleaning
- Large recovery station
- No pinch points in closing station
- Safety interlocks on rectifier
- Pneumatic closing station
- Guards and proximity switch on closing station
- Rectifier guard interlocks
- Hopper Detection Safety Switch
- GMP & CE compliant
- Stand-alone Becker oil free vacuum pump
- Fitted with heavy duty castor wheels with locks

### Technical Specification

Output:	Up to 25000 capsules/hour (depending on operator's skill and powder density)
Capsule sizes:	000#, 00#, 0#, 1#, 2#, 3#, 4#, 5#
Filling material:	Powder, granule, and pellet (subject to change parts)
Filling weight accuracy:	±2%
Electrics:	220V, 3Phase, 60Hz
Motor:	2.2 kW
Air:	40 m3/h
Dimensions:	1400 x 700 x 1600 mm
Weight:	400 kg



All images are for illustrative purposes. Specifications are subject to regular updating. Please contact AVE Technologies for latest product details.

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