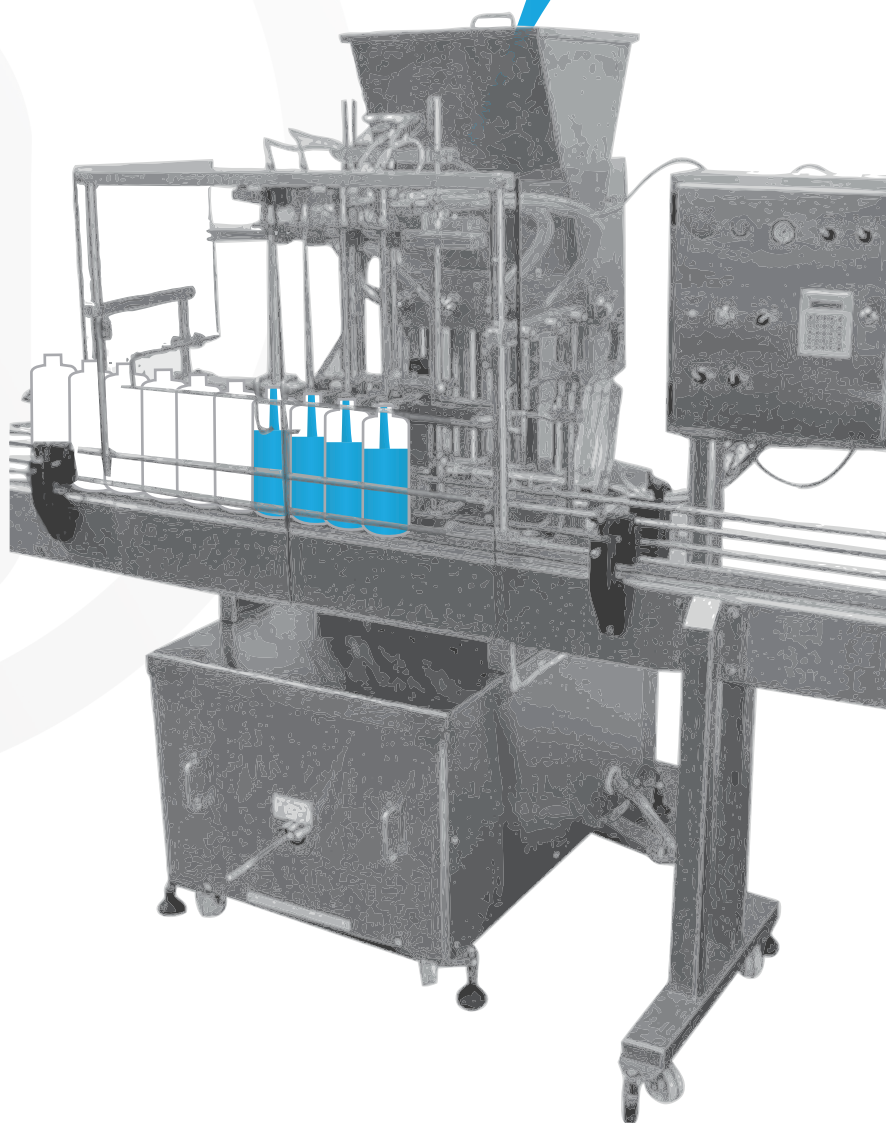




## SERIES 1500 FILLING MACHINES

- Available as a twin head (Model 1525) or in multiple heads (Model 1545, 1565, 1585).
- Volume range of 50ml to 5000ml with 6 metering cylinder options.
- Standard multiple stroke mechanism for larger fills, accessed by the operator keypad.
- Filling rate (cpm) and production count data can be accessed and recorded.
- Product supply to the filler via 50 and 80 litre hoppers or with a suction hose.
- Rotary valves with large capacity ports and a check valve option for thin liquids.
- A wide range of non-drip shut off nozzles are available with different outlets.
- Optional sub surface filling mechanism and nozzles for filling foaming products.
- Hopper level control and product feed pump to keep the hopper full.
- Secondary filling speed feature for slower filling of long neck containers.
- Star wheel gating for indexing glass bottles, reducing shock, noise and chipping.
- Micro adjuster to provide individual adjustment to each metering cylinder.



FILLED WITH EXPERIENCE

### General information

Specifically designed for automated multiple head (in-line) filling applications requiring a high degree of versatility. Available in two, four, six or eight head configuration and extremely robust and suitable for filling most types of containers in the range of 50ml to 5 litres.

### Specifications

A single, large pneumatic cylinder drives metering cylinders via a system of levers and heavy rocker shaft. Volume adjustment is achieved by controlling the stroke of this cylinder with a contra piston, using a convenient manual adjustment or (optionally) an electric servo motor. An optional micro adjustment is available to provide a degree of individual adjustment to each metering cylinder. A secondary filling speed control may be used to slow down the fill rate as product level rises into the container neck.

All machines are manufactured to strict hygiene standards. All product contact parts are manufactured from T316 stainless steel or suitable food grade materials and maybe easily disassembled when in-place cleaning is not applicable. A range of non-drip shut off nozzles enables exceptionally clean filling of most products, with sub surface fill option available for efficient filling of foaming products. A unique (optional) side shift mechanism allows the nozzles to be positioned over a drip tray during container indexing and also facilitates the use of neck guides for unstable bottles.

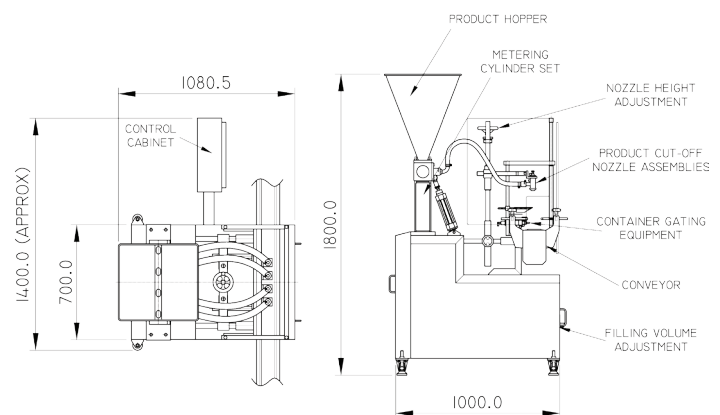
The standard pneumatic gating mechanism enables efficient handling of most containers – an optional electrically driven start-wheel gating system is also available which reduces shock and noise (and hence the risk of chipping or breakage) when handling glass containers.

#### Models | Options

**1500 Standard filling machine:** A large capacity pneumatically actuated rotary valve system, flange mounted directly to the metering cylinders allowing passage of viscous products/products containing pieces up to 10mm across

**1500 Timed Gravity (TG) filling machine:** A large capacity hopper. Nozzles connect to hopper delivery ports via flexible hoses allowing movement / adjustment to accommodate a wide variety of container dimensions.

**1500cv (Check Valve) filling machine:** A double head check valve system allowing passage of thin liquids such as cleaning chemicals. Intake ports are connected to a plastic hopper or directly to bulk supply via manifold. Shut off nozzles connect to delivery ports via flexible hose allowing movement/adjustment accommodating a wide variety of container dimensions.



**EXAMPLES OF PRODUCT CURRENTLY PACKED BY HUNTER FILLING SYSTEMS SERIES 1500:** Butter, cheese, cosmetics, alcohol, condiments, essential oils, medicines, toiletries, lip balms, sauces, toppings and flavouring, paints, adhesives, waxes.