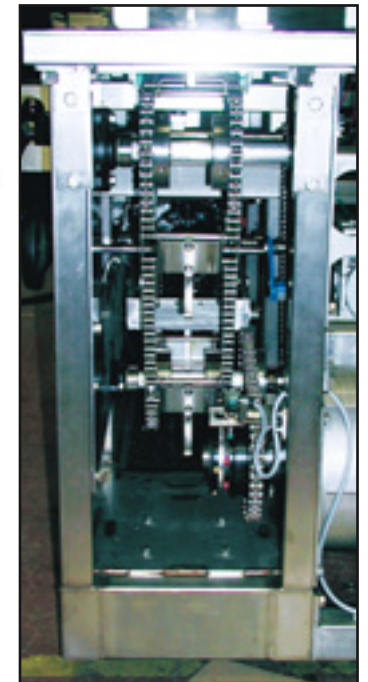


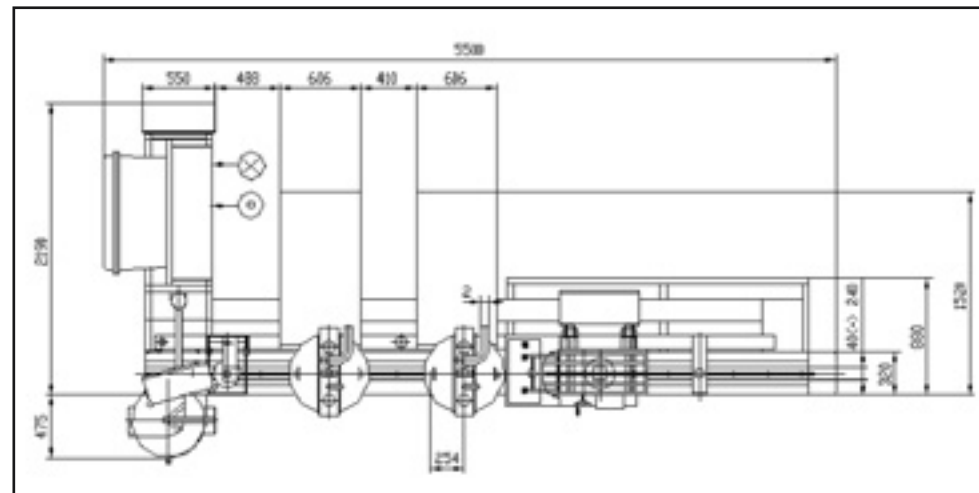
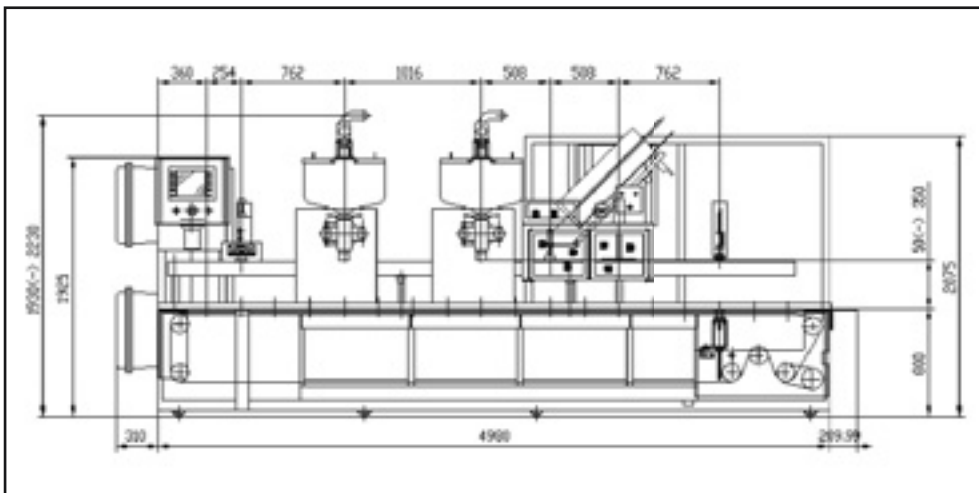
↑ Container detection with photocells

Container transport with  
st.st. chains and spigots



V302-TWIN in explosionproof design, with stainless steel conveyor, screen with function buttons, leak detector, twin filling stations with self-cleaning circular hoppers, lid placer, lid closer, security "no lid-stop machine" and bottom marker.

DEVREE FULLY AUTOMATIC FILLING MACHINE FOR PAINTS, VARNISHES, ADHESIVES, PASTES ... INTO SMALL CONTAINERS



Since 1941 De Vree have designed and manufactured high quality filling and packaging machines for the paint and related industries worldwide.

**Unique characteristics of the machines type V302 and V302-TWIN**

- Conveyor and cover plates in stainless steel.
- Slope drip trays with gutter in stainless steel.
- Transport of the containers with double stainless steel chain and spigots.
- Single transport step 254 mm.
- Identical frame length for single head and double head machine.
- Conveying speed adjustable with servomotor and programmable for each container/product combination.
- Container detection with photocells in the guide rails.
- PLC control for a.o. height adjustment of the central beam, conveying speed, spigot positioning, adjustment of volume, guide rails and suction and filling speed.
- Automatic size change in under 3 minutes for most containers.

**V302-TWIN filler for higher outputs:**

- \* Due to two stage filling (e.g. 2 x 2,5L for a 5L container).
- \* For containers with small filling apertures.
- \* For foaming products, as foam dissipates during the conveying time between the first and second filling head.
- \* Optional alternative use of both filling mechanisms allows cleaning and adjustment of one filling station for the next batch whilst the previous batch is finished with the other filling station.

**Container sizes:** circular, oval rectangular or unusual shaped containers of up to 240 mm Ø and 360 mm height.

**Accuracy:** for most products and under the correct circumstances, such as constant infeed pressure and no fluctuations in product density, this machine will provide a repeatable accuracy of + or - 0,15% (peak deviation).

**Filling speeds (containers per minute)\***

	1/4 - 1/2L	1L	2,5L	5L	10L	20L
SINGLE	38-42	35-40	20-24	18-22	5-7	-
TWIN	38-42	35-40	25-30	24-28	15-20	-

\* Based on normal types of paint, viscosity 100-5000 cps, in standard full aperture type containers. Outputs may also be influenced by optional additional equipment.

**Optional additional equipment or alternative designs:**

- Automatic feed systems for empty containers.
- Various types of product level control available.
- Self cleaning circular hoppers.
- Closed filling heads for direct product infeed.
- Automatic lid placer for metal and/or plastics lids.
- Automatic cap feeder.
- Built-in checkweigher with/without automatic volume correction.
- Leak detector.
- Container orientator and size-labeler for self-adhesive labels.
- Lid labeler for self-adhesive labels.
- Lid spotter.
- Various types of closing systems available.

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