



DEVREE DEVREE

FILLING AND PACKAGING EQUIPMENT FOR LIQUID PRODUCTS

De Vree designs and manufactures semi automatic and fully automatic filling and packaging equipment for a wide variety of chemical and non chemical fluids, such as paints, lacquers, varnishes, hardeners, wood preservers, adhesives, rust removers, solvents, thinners, tile adhesives, wood pastes, detergents, lube oils, mayonaise, food sauces, hand soaps, free flowing agrochemical products...

The company has been in business for more than 80 years and has important references in more than 80 countries. In the paint & coatings industry De Vree is considered to be the leading manufacturer of fully automatic filling equipment for small containers that give the highest priority to flexibility, quick size changes and short cleaning times. Some of our machines are also being used in the food industry. De Vree supplies to both multinational companies and to smaller or medium sized businesses.

Over the years, we have continuously modernized our machinery and introduced new technology like closed cleaning solutions for solvent- and waterbased applications, pneumatic butterfly valves for improved suction speeds of heavy duty products, servo driven dosing mechanisms, fully plc controlled machines for fast automatic size change-overs etc.

Whether a volumetric or gravimetric filling machine is chosen is subject to various factors such as the type of product that needs to be filled, the type of container that needs to be handled, the desired degree of automation, the filling output/minute etc. More than 90% of our customers use volumetric filling machines. Volumetric filling offers a number of advantages over gravimetric filling: it is much faster, more flexible and, given the right circumstances, can be more accurate than weight filling. De Vree offers both volumetric and weight filling machines, as well as alternative filling methods, such as combinations of volumetric and weight filling, filling with mass flow meters etc.

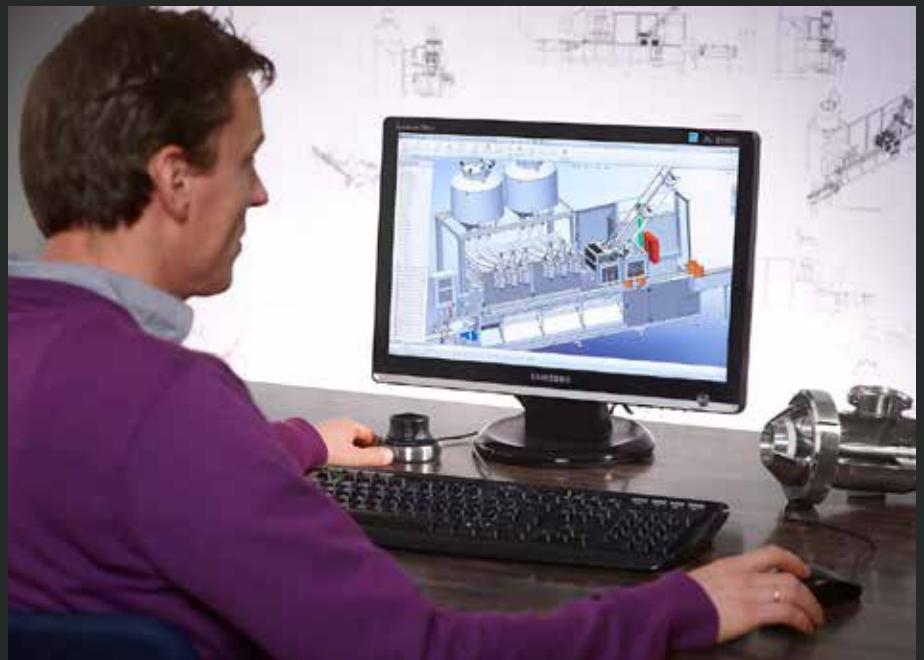
From planning to commissioning, we assume full responsibility for the systems we produce. With more than 80 years of experience, De Vree can rely on a wealth of customer feedback for constant machine and project improvements.



Every project starts by carefully listening to the customer's specific requirements.



We select from a range of different basic machine types but each machine is modified and adapted to meet your specific needs.



Design, assembly, testrunning... all in house.





Experienced service technicians travel the world for machine commissionings as well as training of the operators and the maintenance personnel.





Some examples of our
semi-automatic volume fillers



Vreebase-DU08



Pneumatic



Volumetric
10ml to 500ml



25-30x 50ml
cans/min.



Vreebase-DU04



Pneumatic



Volumetric
50ml to 2l



18-20x 500ml
cans/min.

Vreebase-DU01



Pneumatic or
servo driven



Volumetric
100ml to 5l



18-20x 1l
cans/min.



Vreebase-DU02



Pneumatic or
servo driven



Volumetric
500ml to 20l



8-10x 20l
cans/min.



Some examples of our semi-automatic weight fillers



Vreefill



Pneumatic or electric



Gravimetric up to 50kg



5-6 x 10l cans/min.



Type 2000



Electric



Gravimetric up to 60kg



5-6 x 10l cans/min.

V232



Electric



Gravimetric
up to 60kg



Integrated
auto lid closing



K12



Electric



Gravimetric
up to 3.000kg



Drum and IBC
filling



Some examples of our fully automatic volume fillers small container types



V200



V200

V200



Pneumatic



20 x 1l cans/min.



Volumetric
100ml to 5l



Compact machine

V304



Pneumatic or electric



26-30 x 1l cans/min.



Volumetric
100ml to 5l



Expansion possibilities



V304-PN



V304-PLC



V302/V502-SERIES



Electric



Max. 80 x 11
cans/min.



Automatic size changes,
CIP automatic cleaning



Volumetric
100ml to 5l



Multiple filling heads,
twin-track transport
available



Integrated
checkweigher



Some examples of our
fully automatic volume fillers
large container types



V230I (-Twin)



Pneumatic or
electric



Max. 18x 15l
cans/min.



Volumetric
500ml to 20l



Expansion
possibilities





V300/V500-SERIES



Electric



Max. 40 x 15l
cans/min.



Automatic size changes,
CIP automatic cleaning



Volumetric
500ml to 20l



Multiple filling heads,
twin-track transport
available



Integrated
checkweigher



Some examples of our
fully automatic
weight and flowmeter fillers



V231 / V501



Electric



Max. 12 x 25kg
cans/min.



Multiple filling heads
for product separation



Gravimetric
up to 60kg



Closed filling
head for liquid
products





Flowmeter technology



Electric, ATEX available



Solution for foaming products (diptube)



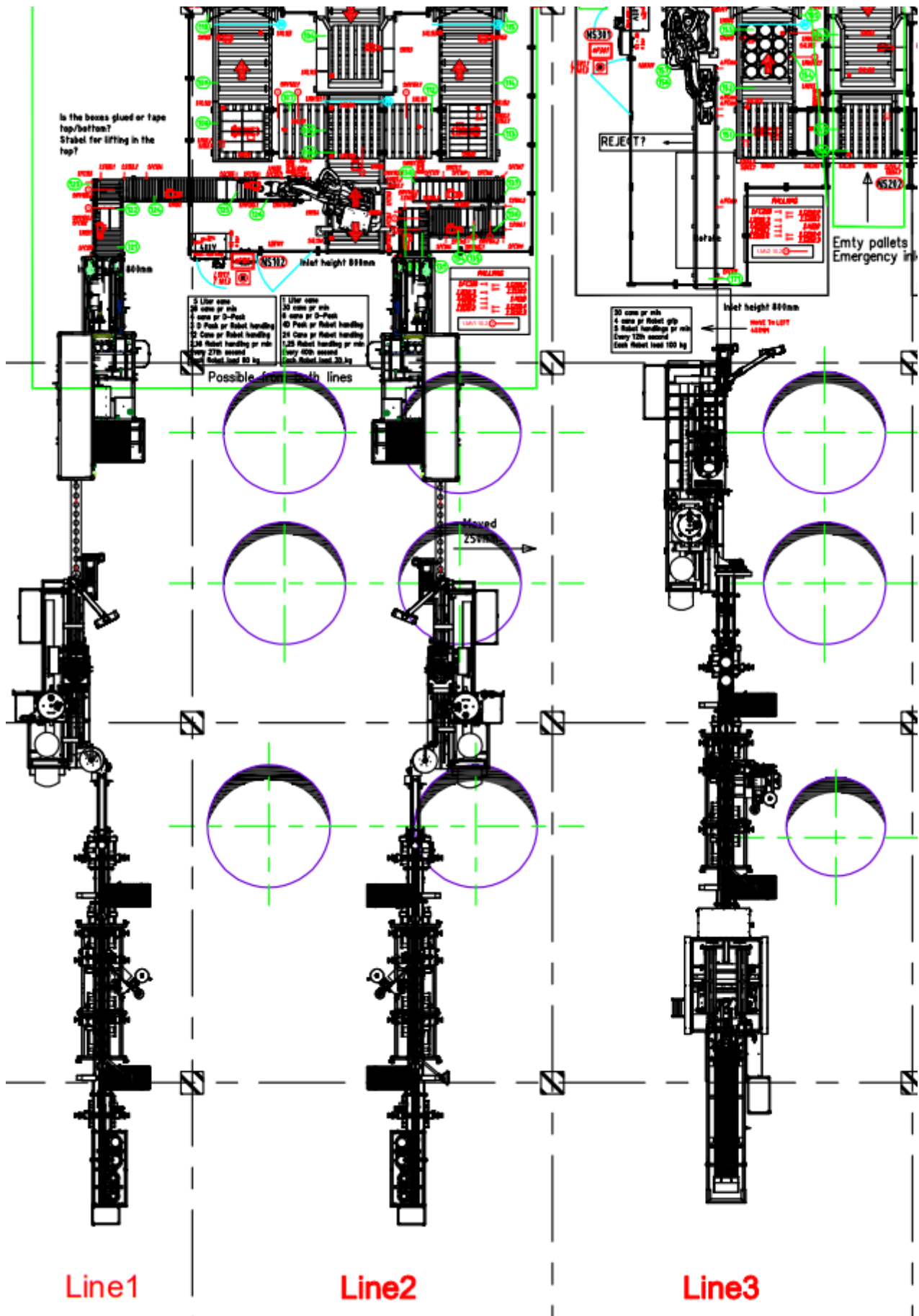
Product separation (cross-contamination)



Materials available for aggressive/corrosive products



De Vree is a key supplier for larger automation projects and integrates up- and downstream equipment into fully automatic packaging lines





De Vree key features

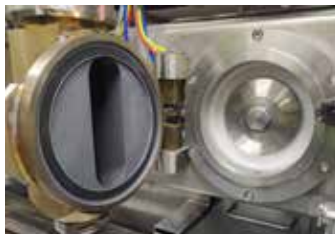


Innovative design

Tailormade solutions for challenges in the industry

In-house design, prototyping and testing

Solutions for today's topics like biocides, automation of repeated handling etc.



Cleaning systems

Full CIP cleaning for filling machines, water- and solvent based

Strong reduction of cleaning time, effort and waste generation



Customer service

Long-lasting service for existing equipment

Large stock of spare parts + own production

Remote connection to PLC-controlled machines



Some references

Adler-Werk	Fresh & Saucy Foods	Osmo
Akzo Nobel	FSW Coatings	Ostendorf
Al Jazeera	Fuchs Lubricants	Paramelt
Asian Paints	GLC	Pauwels Sauzen
Autosmart	Haghebaert & Fremaux	Peinture Midy
Axalta	Hagmans Nordic	Polisan
Barbot	Helios	PPG
BASF	Hempel	Pro Form Products
Baufan	Henkel	Prodec
Beissier	Heubach	Prominent Paints
Ben Hadj Frères	Home Hardware	Propan Raya
Blanchon	ICI	Pufas
Boss Paints	Imparat	Reef
Bostik	Indigo Paints	Relius Farbenwerke
Brillux	International Paint	Remmers
Carboline	Isomat	Resene Paints
CD Color	Jotun	Rewah
Chemolak	JSW	Robin Peintures
CIN	Jub	Ronseal
Colona	Kansai	RPM
Colorado	KCC	Rupf & C°
Colorlak	Khodrang	Sadolin
Colourtrend	Knauf	Saint-Gobain Weber
Corimon	Kunsul	Schulz Farben
Cromology	Loba	SCIB
Crown Paints	Lumiforte	Sherwin Williams
DAW	Maco	Sicpa
Dulux	Mäder	Sika
Durieu	Malning	Sto
Eckart	Marshall	Tambour
Ecopol	Materis Group	Tikkurila
El Obour	Maxima	Topaz
Elastotet	MC Bauchemie	Unifine
ENAP	Medal Paints	V33
Eskim	Meffert	Van Wije
Eucatex	Mido	Vibrantz
Farecla	Mipa	VIV
Flint Group	Nippon Paint	Wilckens
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