

The ROBOT HP10C and ROBOT HP15C redefine the standard for double-screw vacuum fillers. The modular system of vacuum filler plus specially-adapted attachments enables tailor-made solutions to be found for every application.

ROBOT HP10C for medium-sized plants

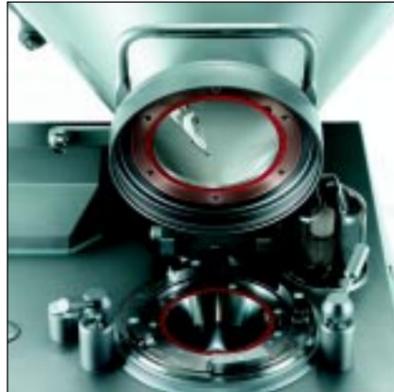
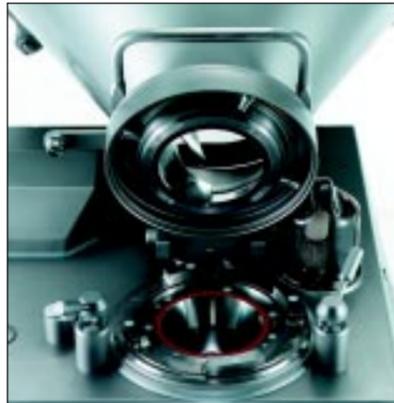
No-compromise performance for medium-sized plants – up to 7 tonnes an hour.

ROBOT HP15C for industrial-scale plants

Filling speeds of up to 14 tonnes an hour – adequate reserves for every requirement of the large-scale plant.

Ideal hygiene and production reliability

The ROBOT HP10C and ROBOT HP15C meet the most stringent standards of quality and hygiene. The single-piece hopper with optimised feed unit seals guarantees a reliable seal under all production conditions. The feed screw is dismantled for cleaning in just a few easy steps once the hopper is opened up. The feed unit seals are freely accessible once the feed screw has been dismantled, so they can be checked every time the machine is cleaned and quickly changed if necessary. The single-piece machine housing with no gaps consists entirely of stainless steel. Smooth surfaces prevent the accumulation of product residues thus eliminating bacteria build-up. The machines can quickly and easily be cleaned using low-pressure equipment. As there are no lockable compartments or closed steps, all surfaces dry very quickly after cleaning.



Simple maintenance

Removable housing covers on three sides of the machine make the inside easily accessible for all maintenance work. Maintenance work due is shown automatically by the portioning computer.

High-performance drive technology

The high-performance hydraulic drive is low wear and low maintenance and guarantees filling pressures of up to 50 bar under all conditions. Multivoltage motors ensure straightforward operation whatever the mains voltage.

Reliable vacuum monitoring

The vacuum pot is located in the direct line of vision of the operator, so any product taken in is noticed immediately. The vacuum intake duct also allows a direct view of the feed element.

Perfect feed

The favourable hopper angle of 30° ensures optimum feed for all products. The compact drive for the lifting and tipping device is maintenance free and can be set to various upward speeds. The perfect tipping characteristics of the trolley hoist mean that the trolley is completely emptied.

Extensions - attachments for economical production



Twist-linking:
828 linker plate and 937 casing holding device with casing grip ring for simple twist-linking of sausages in natural and plastic casings.



Length portioning:
LPV 802 length portioning device for twist-linking sausages in natural casings with identical length, weight and calibre.



Grinding and filling:
980 sausage grinder with separation device (option) for directly grinding and separating particles of bone and sinews when filling and twist-linking.



Production meat preparation:
982 separation grinder with two separation levels for separating particles of bone, rind and sinews at maximum grinding speed (up to 6 tonnes an hour).

Flexible potential uses

Combining machines with the special attachments enables them to be adapted perfectly to the relevant production conditions. Whether filling, twist-linking to identical lengths, grinding or separating, the ROBOT HP10C and ROBOT HP15C do it all. The integration of functions normally performed as separate working steps makes the vacuum filler the central component of flexible production lines. Working steps upstream can be dispensed with and transport paths and down-times reduced, limiting the machinery to the essentials.

Convenient operation

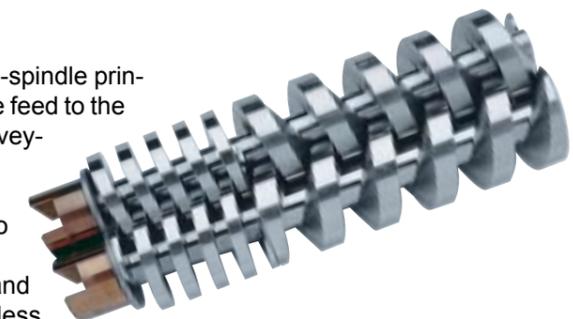
The PC III portioning computer is the perfect assistant in the operator's day-to-day work. The control panel with integrated decimal keypad was designed from an ergonomic point of view. Up to 99 programs can be stored



under their names. Set values are entered directly via the decimal keypad of the portioning computer and accepted with a single key. Weight corrections can be entered directly in grammes. All outputs are displayed in clear text in the desired language. The VEMAG Online net program package allows the portioning computer to be connected to one of the plant's master computers – and with a modem extension, to VEMAG Customer Service.

Proven feed concept – VEMAG double screws

The double screw, which works in accordance with the double-spindle principle, transports the product for filling extremely gently from the feed to the outlet of the machine without recirculating it several times. Conveying the product for filling almost entirely without friction guarantees extremely weight-accurate portioning. The broad range of double screws enables the machine to be adapted perfectly to different products and pumping speeds. The double screws can be changed in just a few manoeuvres and are also easy to clean. All double screws are available in stainless steel.



ROBOT HP10C

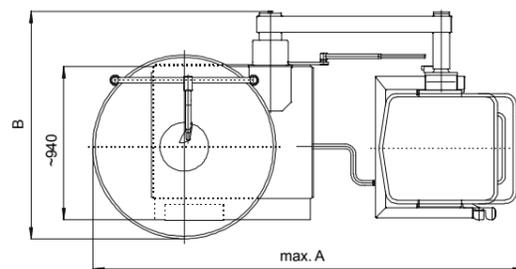
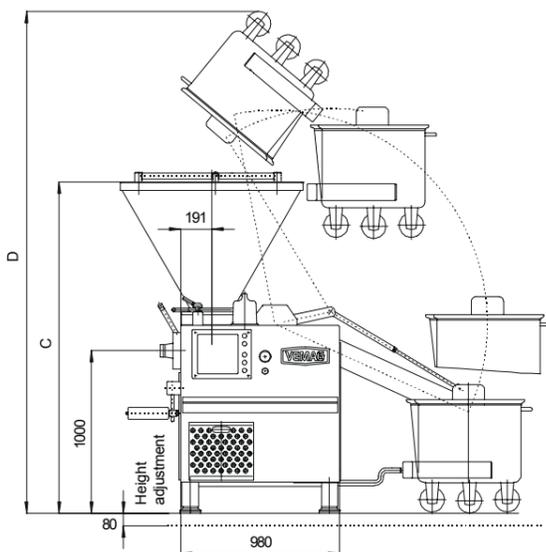
Filling rate: depending on the double screw up to 7,000 kg/h
 Filling pressure: max. 50 bar
 Portion weight: 5 - 60,000 g, can be set in increments of 0.1 g or 1 g
 Portioning speed: > 700 portions/min. (depending on product, casing and portion size)
 Double screw speed: 20 - 420 rpm, infinitely adjustable
 Links: 0 - 5, infinitely adjustable
 Vacuum unit: 20 m³/h
 Hopper capacity: 250 l / 350 l (option)
 Weight with lifting and tipping device: approx. 1,300 kg
 Total nominal output: 9.5 kW at 50 Hz
 12 kW at 60 Hz
 Main motor: 7.5 kW at 50 Hz
 10 kW at 60 Hz

Mains voltage	Frequency	Nom. cur.	Back-up fuse
380 - 400 V	50 Hz	21 A	35 A
220 - 230 V	50 Hz	36 A	63 A
380 - 460 V	60 Hz	20 A	35 A
220 - 265 V	60 Hz	35 A	63 A

ROBOT HP15C

Filling rate: depending on the double screw up to 14,000 kg/h
 Filling pressure: max. 50 bar
 Portion weight: 5 - 60,000 g, can be set in increments of 0.1 g or 1 g
 Portioning speed: > 700 portions/min. (depending on product, casing and portion size)
 Double screw speed: 20 - 540 rpm, infinitely adjustable
 Links: 0 - 5, infinitely adjustable
 Vacuum unit: 20 m³/h
 Hopper capacity: 350 l / 250 l (option)
 Weight with lifting and tipping device: approx. 1,330 kg
 Total nominal output: 17 kW at 50/60 Hz
 Main motor: 15 kW at 50/60 Hz

Mains voltage	Frequency	Nom. cur.	Back-up fuse
380 - 400 V	50 Hz	27 A	50 A
220 - 230 V	50 Hz	47 A	80 A
380 - 460 V	60 Hz	25 A	50 A
220 - 265 V	60 Hz	46 A	80 A



	Hopper with 250 l	Hopper with 350 l
A	2505	2665
B	1340	1400
C	1935	2040
D	min. 2940 max. 2995	min. 3040 max. 3090



VEMAG Maschinenbau GmbH
 Postfach 1620, D-27266 Verden
 Phone +49 42 31-77 70, Fax +49 42 31-77 72 41
<http://www.vemag.de>, e-mail@vemag.de

Handed over by:

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The ROBOT HP C-series



The double-screw vacuum fillers for industrial-scale plants



TO MAKE GOOD THINGS EVEN BETTER