

Piston Filling Machine

From Form & Frys Maskinteknik



The Form & Frys piston filling machine designed to compliment the Form & Frys Charlie folding machine, is an flexible depositor for inside or outside fillings.

Working description of the Form & Frys piston filling machine

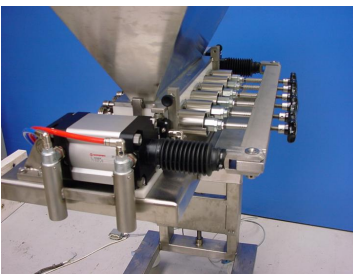
Fill the 50litre hopper on the machine.

The filling will be led into the pump house chambers

Twin air cylinders activate the pistons, moving them forward which, in turn, ejects the filling through the nozzles.

The air cylinders then return to their original position allowing the chambers to be filled again.

For less fluid fillings the unit can be supplied with a d-valve, which creates a vacuum in the chamber assisting the refilling of the chamber between strokes.



The Form & Frys piston filling machine is built as a roll in roll out unit on a height adjustable "C" frame allowing it to be used in various positions.

Technical description of the Form & Frys piston filling machine

The machine is produced predominantly in stainless steel and POM (polyoxymethylene). All parts in contact with the product are of approved materials.

Pump house – the pump house is made up of a stainless steel cylinder and POM housing.

Pistons – the pistons are of aluminium with a Teflon coating.

Hopper – The hopper is of stainless steel.

Nozzles – Various type available, typical 4 point is used.

Electronic control – The piston depositor is synchronised with the Charlie machine via a stroke signal.

Max speed = 40 strokes/min. (via speed kit 50 is possible)

Filling range = approx. 5g – 45g depending on fill type.

Accuracy: +-5% depending on fill type.

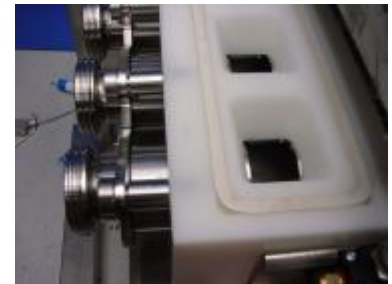
Particle filling: 5 by 5 mm particle ok, via d-valve version

Special extras: hopper divider for two type filling.

Nozzle lift and dive.

D-valve for particle filling, sauce and such

Level control for automatic hopper level



Aerovej 4-6, DK-9500 Hobro . Denmark
Phone : + 45 98 51 11 44
Telefax : + 45 98 51 12 55
E-Mail : formfrys@formfrys.dk
Homepage : www.formfrys.dk
SE-No. (VAT): DK 7350 6816

