

eBrochure

Machine	Model	Description
Drum Filler	KSE-DF208TBUF	A filling machine that dispenses product by weight, ideal for products sensitive to foaming with our bottom to top filling mode



Features	Suitable for
<ul style="list-style-type: none"> • 2 stage filling to ensure accuracy • Bottom to top filling or top filling mode available • Filling by weight with load cells • Anti drip nozzle cover • Roller conveyor • No drum no sensor • Drum guide to ensure pail is in position 	<ul style="list-style-type: none"> • Chemical • Petrochemical • Lubricants • Fragrances • Oils

How it works

The drum filler is first connected to the supply source, after connecting, the user can open a valve to allow the product to flow towards the drum filler.

The user will select the desired filling weight from the indicator and place an empty drum on the load cell. Using the drum guide

to ensure the pail is sitting below the filling nozzle and the sensor will detect if there is pail or not. In the absence of a drum, the filling process is unable to start.

For products that tend to foam easily, users can opt for bottom to top filling in which the nozzle will follow very closely to the surface of the product as the product level rises to minimize the occurrence of foaming. There are 2 filling modes available; bottom to top and top filling.

Filling is done in 2 stages; 1st stage at high speed and the 2nd stage at a slower speed to ensure accuracy. The filling nozzle will retract to its home position and the anti drip cover will prevent any messy drips.

After the filling is done, the user can simply move the filled drum to the capping station effortlessly using the roller conveyor.

Technical Specifications

Drum Filler	KSE-DF208TBUF
Filling range	Up to 200 kg
Filling output/hr	<ul style="list-style-type: none"> 40 x 200L drums/hr (gravity feed) 50 to 60 200L drums/hr (pump feed)
Filling nozzle	1
Filling accuracy	+/- 0.1%
Filling mode	<ul style="list-style-type: none"> Top fill Bottom to top fill
Filling input options	<ul style="list-style-type: none"> Elevated IBC or storage tank for low viscosity products Centrifugal pump and valves for low viscosity products Positive displacement pump and bypass valve for high viscosity products
Features	<ul style="list-style-type: none"> No drum no full sensor Drum guide Roller conveyor Anti drip nozzle cover Bunk hole locking device to ensure the opening is directly below the filling nozzle Height adjustable filling nozzle Storable memories for multiple filling settings for easy recall Filling data can be stored into SD card for recording and audit purposes (add on option) Printer (add on option)
Scale capacity	Up to 300 kg
Operating voltage	Single phase, 15 amps, 230 V, 50 hz
Compressed air	6 bars



Compressed air consumption	30 liters/min
Material for machine	Stainless steel 304, 316 and Delrin
Weight	Not available yet
Dimensions (length x width x height in mm)	1450 x 990 x 2150