

# FIS DA35 1 Gallon Small Pail Pump



## Description

The **FIS DA35 Small Pail Pump** is a bulk material feed system suitable for silicones, pastes and greases. This dispensing pump extrudes medium to high viscosity material under pressure directly from a pre-filled pail or can in quantities of 1kg (1 quart) or 3kg (1 gallon). It is suitable for automatic and semi-automatic controlled dispensing applications, which require a constant supply of air-free material. By using this extrusion pump, air bubbles and material voids that are caused by handling or decanting viscous material are prevented.

The pail is prepared by cutting off its top, the extruder pump body is lifted and the can placed in position. The extruder pump body is fitted with a follower-plate that seals and follows the material as the level drops to wipe the sides of the pail clean limiting waste. The fluid is pressure fed by reinforced hoses to a [valve](#), which is either [mounted to a robot](#) or operator held with a gun handle. The valve is actuated by a [valve controller](#), for example the [FIS VC1195N Four-Way Dispense Valve Controller](#).

[Contact our product specialists](#) to discuss whether your can is suitable for this dispenser.

## Features & Benefits

- Material is dispensed free of air and material voids
- Can walls are wiped clean to reduce waste
- Suitable for 1kg (1 quart) or 3kg (1 gallon) pre-filled pails
- Adjustable air ram pressure
- Low noise electric extruder motor
- Simple load mechanism provides easy cleaning

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- No need for material transfer, saving downtime
- Easy to integrate into an automated system to improve productivity and ROI

## Specifications

Specifications	
Size base (mm)	215 x 440
Height adjustment	550mm min – 720mm max
Weight	12.73kg
Power input for sensing	110-220V 50-60Hz
Air input pressure	243-700 kPa, 35 – 100 psi (2.4 – 7.0 bar)
Max. output pressure	6.0 Mpa, 850 psi (60 bar)
Fluid viscosity range	30,000 – 300,000 cps
Ratio	8.5 : 1
Volume per stroke	5.0ml

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## Specifications

Pump speed for continuous operation	40cpm
Max. pump speed	60cpm
Stroke Length	19mm
Max. operating temp.	50°C
Air inlet size	1/4" npt (f)
Fluid outlet size	1/4" npt (f)
Wetted parts	304 & 17-4 pH Stainless Steel, Teflon, Viton, PEEK
Sound pressure level, 100psi	64.12 dB (A) @ 40cpm
Sound power level 100psi	70.84 dB (A) @ 40cpm

## Ordering Information

# FIS DA35 1 Gallon Small Pail Pump



Part Number	Description
FISDA35	Dispensing pump for pre-filled pails
FISDA35-1KG	Follower-plate for 1kg (1 qt) can
FISDA35-3KG	Follower-plate for 3kg (1 gallon) can

[Contact our product specialists](#) to discuss whether your can is suitable for this dispenser.

Supplied by:

**intertronics**

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