

THE DIMENSION TRANSFER PUMP



STECK HAVE DEVELOPED THEIR NEW DIMENSION RANGE OF DEPOSITORS BASED UPON THE FEEDBACK FROM THEIR CUSTOMERS

FEATURES

The Dimension transfer pump range is precision engineered, with many unique features which eliminate the old issues of reliability, performance and safety. To this end Steck's new Dimension transfer pump range has addressed the issues with features that include:

- Unique reversible product flow action
- Steck 'Unity' Safety System
- Intelligent 'MinAir' System
- Reduction in power consumption
- Improved suction lift capability
- Improved noise reduction levels
- Reduction in product contact parts
- Patented 'Steck-Link' Valve Drive System
- Fully isolated Push On/Push Off Air System
- Increased power capabilities
- Fully modular 'casseted' engine design for ease of maintenance
- Fully IP65 sealed pneumatics for protection from the cleaning environment
- Steck pilotless air circuit (including safety circuit)

APPLICATIONS

The Dimension range of transfer pumps from Steck are capable of handling the widest range of products from water to high viscosity particulated products, and find highly successful applications in the following industries:

- Ready meals
- Biscuit & Bakery
- Chocolate & Confectionery
- Salads
- Pizzas

TYPICAL PRODUCTS

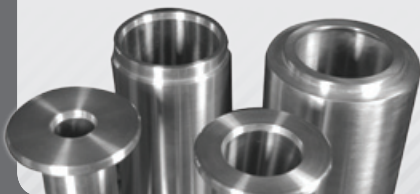
Typical products include:

Fruit pie fillings, meat slurries, gravies, sauces, sandwich fillings, pasta salads, potato salads, coleslaws, cake mixes, batters, creams, jams, condiments, preserves, jelly, custard, meringue, cream cheese, chocolate, fondant, icing and mash potato.

THE DIMENSION TRANSFER PUMP WILL HANDLE A VARIETY OF PRODUCTS GENTLY BUT EFFECTIVELY AND IS IDEAL FOR THE FEEDING OF DEPOSITORS AND FILLING MACHINES.



THE DIMENSION TRANSFER PUMP



Steck challenge any other depositor manufacturer to **match their performance** in terms of accuracy, air consumption and speed of cleaning. Steck will gladly take part in demonstration trials at your site and with your product with **no obligation**. Just call to find out how Steck technology will improve both your production and profitability.

TECHNICAL SPECIFICATION



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UNRIVALLED DESIGN

The Dimension Transfer pump range is engineered in approved materials (316L Stainless Steel is used in all product contact areas). With the unique 'casseted' engine design the machines are substantially easier to maintain than rival models, which are built between bulkheads to essentially 1970's designs. Steck's transfer pumps offer unrivalled vacuum capabilities and in most applications can lift products directly from a low level source. This capability is unique in the industry, and is an illustration of the precision with which the machines are designed and manufactured.

TECHNICAL FEATURES

- Unique reversible action (allows the pump to reverse the flow of product at a flick of a switch, (allowing outlet pipework to be purged and product returned to source).
- Up to 60 cycles per minute (depending upon product)
- Low level or mid level mobile frame
- Suction, pressure or flooded suction feed
- Inlet / outlet pipework to suit
- Wet end parts interchangeable with Steck's Dimension depositor range
- Robust construction

SAFETY SPECIFICATION

- Steck 'Unity' single valve Safety System
- Push-on/Push-off main air supply
- Zero Stored Energy in tripped mode
- Inlet and Outlet pipework locking

ENGINE SPECIFICATION

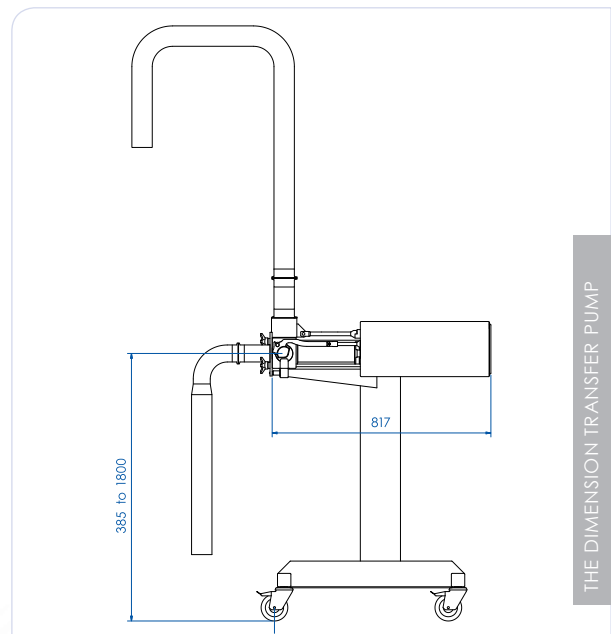
- Pilotless depositing engine with IVA
- Engine reverse action

PRODUCT VALVE SPECIFICATION

- Internally chromed and ground 316L Block
- Ground 316L valve with 'Steck-Link' Drive
- Sealing with 2 x Quad Ring seals
- 32mm dia maximum particulate
- Max 'no leak' pressure (air) 30 Bar
- Min 'no leak' pressure (air) 750mm hg vacuum
- Typical priming capability (suction mode) 2500mm lift

PRODUCT CYLINDERS & PISTONS

- 4.5" diameter in 316L stainless steel
- Polyurethane seals and two piece piston
- NAB gudgeon pin fixing



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