

DATASHEET

CIJECT SC4



KEY FEATURES

- Silicone machine designed to dispense/spray silicone at a mixed ratio of 1:1 with an additional third pump to enable 'thixo' additive to be used on demand.
- High accurate positive displacement piston pumps providing consistent and efficient output.
- Two precision, double-acting pumps dispensing through the unique silicone mix-head.
- Additional pump for additive which can be switched ON/OFF by turning to recirculate when not in use.
- Mix-head can be used to simply dispense mixed silicone material or spray with an air-assist spray nozzle.
- Suitable for dispensing and spraying platinum cured silicone systems.
- Integral mounted silicone tanks.
- Additional mounted additive material tank.

MACHINE SILICONE SYSTEMS

All versions include a corresponding spares kit.

Standard Options	Description	Product Number
SC4 Silicone Spray Machine	Designed to dispense/spray silicone with a 1:1 mixed ratio. Thixo agent can be used on demand.	SC4000 + SK

MACHINE ANCILLARIES/RELATED PRODUCTS

Related Products	Description	Product Number
Silicone SC20 A & B	3 minute gel time. Sold in 50 kg kits.	SC00301
Mixer Tube	For silicone mix-head. Spare component for servicing and maintenance.	SC00268
Spray Tip	For silicone mix-head. Spare component for servicing and maintenance.	SC00263
Quick Coupler	For silicone mix-head. Spare component for servicing and maintenance.	SC00264

TECHNICAL SPECIFICATION

General	
Product Dimensions	L: 0.74 m x W: 0.58 m x H: 0.67 m
Product Weight	40 kg
Maximum Shipping Weight	Dependent on shipping options
Nominal Service	1 calendar year
Design Life	10 years

Operating Conditions	
Maximum Silicone Temperature	50°C
Operating Temperature	0 — 45°C
Storage Temperature	0 — 60°C
Humidity	20 — 75% non-condensing
Noise Output	< 70 dB

Power Requirements	
Electrical Supply	N/A
Supply Fusing Required	N/A
Internal Fuses	N/A
Air Supply Standard	6 bar 600 L/min — dry, non-lubricated
Air Supply Limits	6 bar

TECHNICAL SPECIFICATION (continued)

Mechanical	
Maximum Material Viscosity	2,500 cPs *for material viscosity above this contact Composite Integration
Mixed Ratio	1:1 with switchable thixo at 2%
Material Tank Size	2 x 25 L and 1 x 5 L
Control	Pneumatic with pump speed/spray atomiser control and thixo ON/OFF
Pump Configuration	2 x 100cc/stroke (fixed) and 1 x 4cc/stroke (fixed)
Mix-Head Type	Pneumatically actuated head valves with static mixer and inlet valve for thixo
Spray Head Type	Removable air assist spray nozzle
Hose Length	4 m