

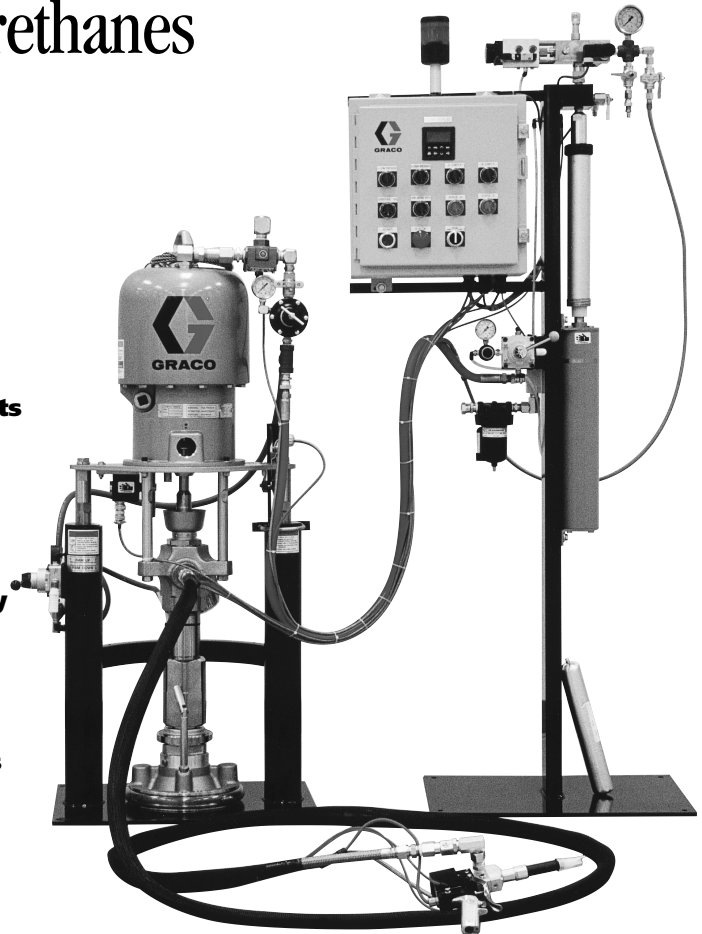


First choice when
quality counts.™

Precision Dose™ Dispense System for Sika Urethanes

**For dispensing
various
Sika boosted
urethane
products**

- **1K urethane structural adhesives have a booster fluid metered in for quick green strength**
- **2% injection by firing 1/10 cc shots into the mixer with a Severe Duty Precision Dose valve**
- **King 65:1 Check-Mate Severe Duty adhesive pump with encoder to monitor pump flow**
- **PLC that controls and monitors system**
- **Simple ratio checking**



SEALANT ADHESIVE EQUIPMENT

This package was developed to pump, meter, mix and dispense various Sika boosted urethane products. The products include Sikaflex 254, Sikaflex 252, and Sikaflex 221. The adhesive is pumped from a pail or drum out to a 2K dispense valve. The booster paste is supplied from either a sausage pack or a pail pump. At the gun, booster paste is injected into the center of a disposable mixer on the gun outlet. Whenever adhesive flows at the gun, booster paste is metered into the mixer. User-friendly features includes warnings for low-level materials, high and low pressures, and high dosing rates.

Applications

- Bonding in the assembly of trucks, buses, pleasure craft trailers, RVs and prefabricated homes

Materials

- Urethanes

System Components

- Urethane Supply – choose from 55 gal. (200 liter) drums or 5 gal. (23 liter) pails
- Booster Supply – choose from 5 gal. (23 liter) pail or 600 ml. sausage pack
- Dispense Hose Kit – includes 2 hoses, air lines, and gun switch cable (*length depends on application requirements*)
- 2K Gun – choose from hand-held or machine mount
- Mixer/Nozzle – available through Sika

Adhesive Ram/Pump Assemblies

Part number	918-313	918-372
Pump	King 65:1 Check-Mate	King 65:1 Check-Mate
Description	200 Liter, 6.5 in. Two Post	23 Liter, 3 in. Two Post
Approximate weight	800 lbs. (363 kg)	300 lbs. (136 kg)
Dimensions (ram down)	59 in. W x 29 in. D x 68.2 H (150 cm W x 74 cm D x 173 cm H)	24 in. W x 18 in. D x 57.2 in. H (61 cm W x 45 cm D x 214 cm H)
Dimensions (ram up)	59 in. W x 29 in. D x 108.2 H (150 cm W x 74 cm D x 275 cm H)	24 in. W x 18 in. D x 72.2 in. H (61 cm W x 45 cm D x 252 cm H)
Floor mount dimensions		
4 x 0.53 in. (13.46 mm) holes	42 in. W x 25 in. D (106.7 cm W x 63.5 cm D)	22 in. W x 16 in. D (55.9 cm W x 40.6 cm D)

Booster Dosing Modules

Part number	965-740	965-741
Description	Includes 600 ml. sausage feed, control and dosing valve.	Includes Monark 5:1 pail feed on ram, control and dosing valve.

Dispense Valve and Hose Kits

Hose kits are bundled in a protective sleeve and contain moisture-free material hoses, air lines, cable, 2K Ultra-Lite valve and gun swivel.

Part number	988-409	988-410	988-448
Adhesive module	65:1 pail pump	65:1 drum pump	65:1 drum pump
Dosing module	Sausage pack feed	Pail feed	Pail feed
Gun kit	15 ft. hand held	25 ft. automatic	25 ft. hand held

Complete Systems

Systems are made up of an adhesive pump module, a dosing module, and a gun kit.

Part number	988-409	988-410	988-448
Adhesive module	65:1 pail pump	65:1 drum pump	65:1 drum pump
Dosing module	Sausage pack feed	Pail feed	Pail feed
Gun kit	15 ft. hand-held	25 ft. automatic	25 ft. hand-held

Technical Specifications

Booster Stand & Control Panel

Electrical power requirements 120 VAC, 1 phase,
50-60 Hz, 2 A

Ambient temperature range 40-120°F (5-50°C)

Dimensions 31 in. W x 18 in. D x 72 in. H
(79 cm W x 46 cm D x 183 cm H)

Weight* 150 lbs. (68 kg)

Floor mount dimensions* 22 in. W x 16 in. D
(55.9 cm W x 40.6 cm D)

Max. fluid pressure 3000 psi (?? MPa, ?? bar)

* Note: dimensions and weight are without mounting hardware, cables, hoses, etc.