



UniDrum 1200

300 Gallon (1200 l) Tote Containers

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UniDrum 1200 packages supply sealants from bulk containers.

Features and Benefits

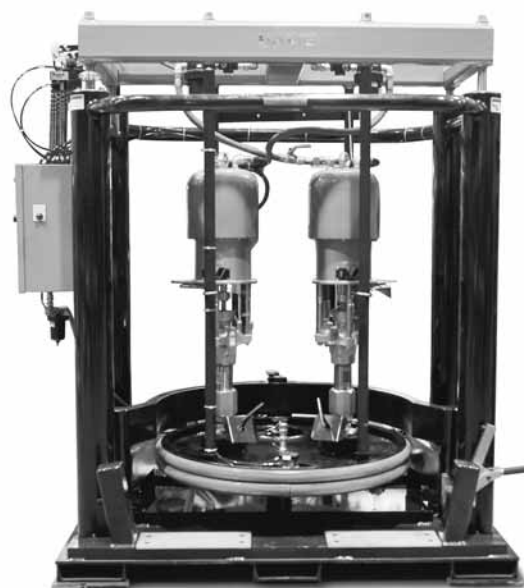
- Minimizes drum change-over time
- Reduces ram pump and tote container floor space requirement
- Reduces material waste with a flat bottom surface follower plate
- Provides fast tote changes and guarantees drum alignment
- Extended pump life construction to handle highly abrasive materials such as liquid applied sound deadener

Ram Plate Features and Benefits

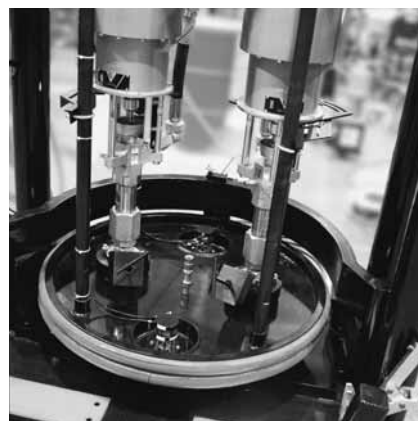
- **Neoprene rubber wiper rings:** Durable wiper is assembled to the ram plate by 3/4 in (19.1 mm) banding strap that keeps the wiper firmly and securely attached to the plate.
- **Strategically located vent valves:** Allow the ram plate to exit the drum in a smooth and trouble-free operation while remaining clean and maintenance-free.
- **Shock-absorbing exhaust restrictors:** Maintain smooth exit of the ram plate.
- **Specially designed pump mounting collar:** Designed to anchor the pump to the ram plate to assure trouble-free operation of the pumps and the plate. Also allows for quick pump change-out during routine maintenance.
- **Manual bleed valves:** Located near the pump inlet to assist in quick priming of the pumps.
- **Vent valve reservoir:** Allows compatible solution or water for water-based materials, to cover the vent valve and prevent drying of materials.

Typical Application

- Feed system for high-volume sealant applications



C59784
20:1 King



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Technical Specifications

Cycles per gallon:

20:1 King/Dura-Flo 2400	6.5
56:1 King/Dura-Flo 900	18.0
65:1 King/Check-Mate 800	21
34:1 Premier/Dura-Flo 2400	6.5
45:1 Premier/Dura-Flo 1800	8.7
67:1 Premier/Dura-Flo 1200	12.5

Maximum operating temperature 150° F (65.5° C)

Maximum air inlet pressure, Premier 100 psi (7.0 bar, 0.70 MPa)

Maximum air inlet pressure, King 90 psi (6.2 bar, 0.62 MPa)

Fluid outlet size:

Standard UniDrum 1-1/4 npt(f)

Air inlet size 3/4 npt(f)

Physical dimensions of ram assemblies

Ram down 76 in W x 51 in D x 85 in H (193 cm W x 130 cm D x 215 cm H)

Ram up 76 in W x 51 in D x 141 in H (193 cm W x 130 cm D x 358 cm H)

Ram stroke 56 in (143 cm)

Weight 3900 lbs (1769 kg)

Pump Assembly Specifications

Air motor

King 207647 (manual 306968)

Premier* 222800 (manual 308213)

Stroke length 4.75 in (120 mm)

Instruction manual 309169

*Requires C58-472 Shroud Kit

20:1 King

Maximum fluid outlet pressure: 1800 psi (126 bar, 12.6 MPa)

Maximum fluid flow @ 50 cpm: 7.7 gpm (29.1 lpm)

Single Units: C59784 LH Unit; C59785 RH Unit

56:1 King

Maximum fluid outlet pressure: 5000 psi (345 bar, 34.5 MPa)

Maximum fluid flow @ 60 cpm: 3.4 gpm (13 lpm)

Single Units: C58607 LH Unit; C58608 RH Unit

34:1 Premier

Maximum fluid outlet pressure: 3400 psi (235 bar, 23.5 MPa)

Maximum fluid flow @ 60 cpm: 9.2 gpm (34 lpm)

45:1 Premier

Maximum fluid outlet pressure: 4500 psi (310 bar, 31.0 MPa)

Maximum fluid flow @ 60 cpm: 6.9 gpm (26 lpm)

45:1 Premier with Carbide Lower

Maximum fluid outlet pressure: 4500 psi (310 bar, 31.0 MPa)

Maximum fluid flow @ 60 cpm: 6.9 gpm (26 lpm)

Single Units: C59793 LH Unit; C59794 RH Unit

67:1 Premier

Maximum fluid outlet pressure: 4690 psi (323 bar, 32.3 MPa)

Maximum fluid flow @ 60 cpm: 4.6 gpm (17.2 lpm)

Single Units: C58338 LH Unit; C58601 RH Unit



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Ordering Information

970152	Tandem 20:1 King Ram Pumps, Pneumatic Crossover Includes: (2) 300 gal (1200 l) UniDrums (RH: C59785, LH: C59784) with pneumatic crossover control, mastic regulator, manifold and ball valve on inlet.	249152	Single 34:1 Premier Left Hand Extended Life Pumps with 120V PLC Interface and Enhanced Depressurization Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) follower plate, enhanced depressurization, "Y" manifold, and 120V PLC interface connection.
970157	Tandem 20:1 King Ram Pumps, Pneumatic Crossover and Enhanced Depressurization Includes: (2) 4-post UniDrum rams, (RH: C59785, LH: C59784), 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves, 10 ft (3 m) fluid dispense hoses with shutoff valves and automatic depressurization.	249153	Single 34:1 Premier Right Hand Extended Life Pumps with 120V PLC Interface Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) follower plate, enhanced depressurization, "Y" manifold, and 120V PLC interface connection.
970153	Tandem 56:1 King Ram Pumps, Pneumatic Crossover Includes: (2) 4-post UniDrum rams, (RH: C58608, LH: C58607), 300 gal (1200 l) follower plates, pneumatic crossover control, mastic regulator, manifold and ball valve on inlet.	249341	Single 34:1 Premier Left Hand Extended Life Pumps with 24V PLC Interface Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) follower plate, enhanced depressurization, "Y" manifold, and 24V PLC interface connection.
970158	Tandem 56:1 King Ram Pumps, Pneumatic Crossover and Enhanced Depressurization Includes: (2) 4-post UniDrum rams, 300 gal (1200 l) follower plates (RH: C58608, LH: C58607), pneumatic crossover control, outlet check valves with 10 ft (3 m) fluid dispense hoses and automatic depressurization.	249342	Single 34:1 Premier Right Hand Extended Life Pumps with 24V PLC interface Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) follower plate, enhanced depressurization, "Y" manifold, and 24V PLC interface connection.
970123	Tandem 34:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization Includes: (2) 4-post UniDrum rams (RH: C58462, LH: C58461), 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves, 10 ft (3 m) fluid dispense hoses with shutoff valves and automatic depressurization.	234971	Tandem 34:1 Premier Extended Life Pumps, Pneumatic Crossover, and Enhanced Depressurization Includes: (2) 4-post UniDrum rams, (RH: 234975, LH: 234974), 300 gal (1200 l) plate, enhanced depressurization, "Y" manifold, and pneumatic crossover control.
970151	Tandem 34:1 Premier Ram Pumps, Pneumatic Crossover Includes: (2) 4-post UniDrum rams (RH: C58462, LH: C58461), 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves and 10 ft (3 m) fluid dispense hoses with shutoff valves.	232730	Single 45:1 Premier Right Hand Pumps with 120V PLC Interface and Enhanced Depressurization Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) plate, enhanced depressurization and 120V PLC interface.
970156	Tandem 34:1 Tandem Premier Ram Pumps, Pneumatic Crossover with Tungsten Carbide Check Balls Includes (2) 4-post UniDrum rams (RH: C59808, LH: C59807).	232729	Single 45:1 Premier Left Hand Pumps with 120V PLC Interface and Enhanced Depressurization Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) plate, enhanced depressurization and 120V PLC interface.
		232839	Single 45:1 Premier Left Hand Pumps with 120V PLC Interface, Enhanced Depressurization, and Ceramic Piston Rod Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) plate, enhanced depressurization and 120V PLC interface.

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| 234972 | <p>Single 34:1 Premier Left Hand Extended Life Pumps with 24V PLC Interface, Enhanced Depressurization, and SST Fittings
Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) plate, enhanced depressurization, SST fittings and valves, and 24V PLC interface.</p> | 249340 | <p>Single 45:1 Premier Right Hand Extended Life Pump with Enhanced Depressurization, and 24V PLC Ready Interface
Includes: (1) 4-post UniDrum, 300 gal (1200 l) follower plate, 24V PLC ready interface, enhanced depressurization.</p> |
| 234973 | <p>Single 34:1 Premier Right Hand Extended Life Pumps with 24V PLC Interface, Enhanced Depressurization, and SST Fittings
Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) plate, enhanced depressurization, SST fittings and valves, and 24V PLC interface.</p> | 970188 | <p>Tandem 34:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization with Tungsten Carbide Check Balls
Includes: (2) 4-post UniDrum rams (RH: C59808, LH: C59807), 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves and 10 ft (3 m) fluid dispense hose with shutoff valves and enhanced depressurization.</p> |
| 232840 | <p>Single 45:1 Premier Right Hand Pumps with 120V PLC Interface, Enhanced Depressurization, and Ceramic Piston Rod
Includes: (1) 4-post UniDrum ram, 300 gal (1200 l) plate, enhanced depressurization and 120V PLC interface.</p> | 970140 | <p>Tandem 45:1 Premier Tungsten Carbide Ram Pumps, Pneumatic Crossover and Enhanced Depressurization
Includes: (2) pump lowers with carbide balls and seats, (RH C59794, LH: C59793), 4-post UniDrum rams, 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves, 10 ft (3 m) fluid dispense hoses with shutoff valves and enhanced depressurization.</p> |
| 246986 | <p>Tandem 45:1 Premier Extended Life Pumps with Enhanced Depressurization
Includes: (2) 4-post UniDrums (RH: 246984, LH: 246983), 300 gal (1200 l) ram plate, enhanced depressurization, no pneumatic crossover controls.</p> | 970141 | <p>Tandem 45:1 Premier Tungsten Carbide Ram Pumps, Pneumatic Crossover
Includes: (2) pump lowers with carbide balls and seats, (RH C59794, LH: C59793), 4-post UniDrum rams, 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves and 10 ft (3 m) fluid dispense hoses with shutoff valves.</p> |
| 246985 | <p>Tandem 45:1 Premier Extended Life Pumps with Pneumatic Crossover, Enhanced Depressurization, and Timer
Includes: (2) 4-post UniDrums (RH: 246984, LH: 246983), 300 gal (1200 l) ram plate, enhanced depressurization, and pneumatic crossover controls.</p> | 970065 | <p>Tandem 67:1 Premier Ram Pumps, Pneumatic Crossover
Includes: (2) 4-post UniDrum rams, 300 gal (1200 l) follower plates, pneumatic crossover control and outlet check valves with 10 ft (3 m) fluid dispense hoses with shutoff valves.</p> |
| 248306 | <p>Single 45:1 Premier Left Hand Extended Life Pumps with Enhanced Depressurization, and 120V PLC Ready Interface
Includes: (1) 4-post UniDrum, 300 gal (1200 l) follower plate, 120V PLC ready interface, enhanced depressurization.</p> | 970154 | <p>Tandem 67:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization
Includes: (2) 4-post UniDrum rams, 300 gal (1200 l) follower plates, pneumatic crossover control, outlet check valves, 10 ft (3 m) fluid dispense hoses with shutoff valves and enhanced depressurization.</p> |
| 248307 | <p>Single 45:1 Premier Right Hand Extended Life Pumps with Enhanced Depressurization, and 120V PLC Ready Interface
Includes: (1) 4-post UniDrum, 300 gal (1200 l) follower plate, 120V PLC ready interface, enhanced depressurization.</p> | | |
| 249339 | <p>Single 45:1 Premier Left Hand Extended Life Pump with Enhanced Depressurization, and 24V PLC Ready Interface
Includes: (1) 4-post UniDrum, 300 gal (1200 l) follower plate, 24V PLC ready interface, enhanced depressurization.</p> | | |



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Pumps

249157	34:1 Premier, LH, Extended Life
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233463	34:1 Premier, LH, Tungsten Carbide Check Balls
C59806	34:1 Premier, RH, Tungsten Carbide Check Balls
233460	34:1 Premier, LH, Stainless Steel Check Balls
233461	34:1 Premier, RH, Stainless Steel Check Balls
246989	45:1 Premier, LH, Extended Life
246990	45:1 Premier, RH, Extended Life
246923	45:1 Premier, LH, Tungsten Carbide Check Balls
246924	45:1 Premier, RH, Tungsten Carbide Check Balls
241957	45:1 Premier, LH, Ceramic Rod and Check Balls
243689	45:1 Premier, RH, Ceramic Rod and Check Balls

Lowers

15F298	Dura-Flo 2400, Extended Life For use with highly abrasive materials such as liquid applied sound deadeners
246987	Dura-Flo 1800, Extended Life For use with highly abrasive materials such as liquid applied sound deadeners
C59798	Dura-Flo 2400, Tungsten Carbide Check Balls
222801	Dura-Flo 2400, SST Carbide Check Balls
246925	Dura-Flo 1800, Tungsten Carbide Check Balls
237514	Dura-Flo 1200, SST, PTFE and Leather Packings, SST Balls
222796	Dura-Flo 1800, CS, PTFE and Leather Packings
241956	Dura-Flo 1800, SST, Ceramic Rod, Carbide Balls