

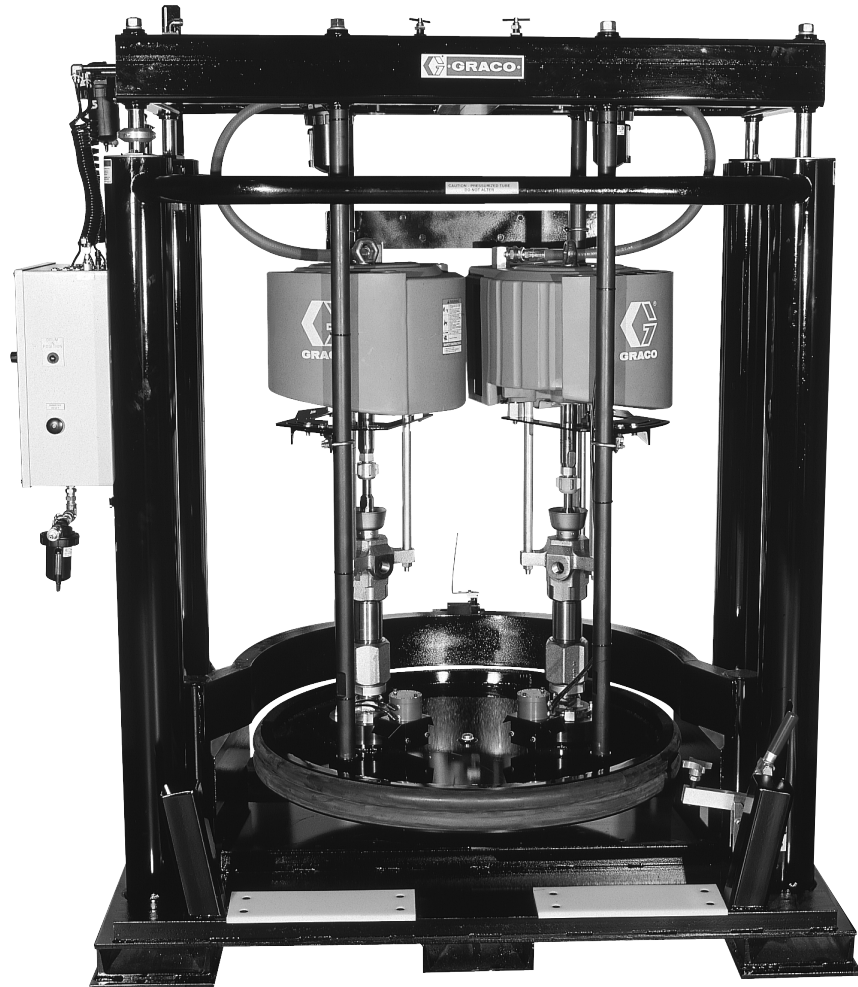


GRACO  
First choice when  
quality counts.™

# Uni-Drum™

## Bulk Supply System for 300 Gallon (1200 Liter) Tote Containers

**Bulk supply  
system for  
viscous  
sealants,  
adhesives and  
sound  
deadeners**



SEALANT ADHESIVE EQUIPMENT

- **Uni-Drum ram pumps lessen drum changes, maximizing time**
- **Reduces ram pump and tote container floor space requirement**
- **Reduces material waste with a flat bottom surface follower plate**
- **Eliminates manual air bleed due to automatic air bleed system**
- **Tote guides and a contoured drum support provides fast tote changes and guarantees drum alignment**

Graco's Uni-Drum system provides maximum efficiency for the task of pumping and transferring flowable and highly viscous materials such as sealants, adhesives, and sound deadeners in bulk containers. The Uni-Drum evacuates all 300 gallon (1200 liter) magnadrum or other tote containers of the same size and capacity.

This powerful transfer system is built to work with other high pressure equipment to optimize material use. If you are presently using or considering the switch to 300 gallon (1200 liter) tote containers for material transfer, you need to consider the system expressly made for bulk efficiency — Graco's Uni-Drum!

# Technical Specifications

## Physical dimensions of ram assemblies

**Weight** ..... 3000 lbs. (1361 kg)

### Dimensions

**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)

## Baseplate mounting holes

**Hole diameters** ..... 13/16 in. (19.9 mm)

**Width (center to center)\*** ..... 60 in. (152.4 cm)

**Depth (center to center)\*** ..... 49.5 in. (125.7 cm)

**Max. working air pressure** ..... 100 psi (7 bar, 700 kPa)

**Air inlet connection** ..... 3/4 npt(f)

**Fluid outlet** ..... 1-1/4 npt(f)

## Pump Assembly Specifications

### Pump assembly (air motor and lower)

**King 20:1/Dura-Flo 2400** ..... 222-832

**Premier 34:1/Dura-Flo 2400** ..... 239-826

**Premier 45:1/Dura-Flo 1800** ..... 239-827

**Premier 45:1/Dura-Flo 1800 Carbide** ..... C59-792

**King 56:1/Dura-Flo 900** ..... 236-475

**Premier 67:1/Dura-Flo 1200** ..... 239-828

**King 65:1/Check-Mate 800** .. 236-471 (pump assembly)

### Pump lower

**King 20:1/Dura-Flo 2400** ..... 222-801

**Premier 34:1/Dura-Flo 2400** ..... 222-801

**Premier 45:1/Dura-Flo 1800** ..... 222-796

**Premier 45:1/Dura-Flo 1800 Carbide** ..... C59-703

**King 56:1/Dura-Flo 900** ..... 236-466

**Premier 67:1/Dura-Flo 1200** ..... 237-510

**King 65:1/Check-Mate 800** .... 236-611 (pump lower)

### Cycles per gallon

**King 20:1/Dura-Flo 2400** ..... 6.5

**Premier 34:1/Dura-Flo 2400** ..... 6.5

**Premier 45:1/Dura-Flo 1800** ..... 8.7

**King 56:1/Dura-Flo 900** ..... 18.0

**Premier 67:1/Dura-Flo 1200** ..... 12.5

**King 65:1/Check-Mate 800** ..... 21

### Air motor

**King** ..... 207-647

**Premier** ..... 239-825

### Air consumption

**King** ..... 373 cu. in./stroke

**Premier** ..... 589 cu. in./stroke

\* Varies with system configuration, flow rate, and material used.

\*\* Requires C58-472 Shroud Kit

# Ram Pump Packages Ordering Information

## 56:1 King

**Max. outlet pressure: 5000 psi (34.5 MPa, 345 bar)**

**Max. fluid flow @ 60 cpm: 3.4 gpm (13 lpm)**

**C58-607 LH Unit; C58-608 RH Unit:**

### 970-153 Tandem 56:1 King Ram Pumps, Pneumatic Crossover

Includes: (1) dual pump stand assembly, dual King inline pumps with Dura-Flo lowers, dual air motor air controls, mastic regulator, manifold, and ball valve on inlet.

### 970-158 Tandem 56:1 King Ram Pumps, Pneumatic Crossover and Enhanced Depressurization

Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves with 10 ft. (3 m) fluid dispense hoses, and automatic depressurization.

## 65:1 King

**Max. outlet pressure: 4875 psi (33.6 MPa, 336 bar)**

**Max. fluid flow @ 60 cpm: 2.8 gpm (10.6 lpm)**

**C58-790 LH Unit; C58-791 RH Unit:**

### 970-084 Tandem 65:1 King Ram Pumps, Pneumatic Crossover

Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves with 10 ft. (3 m) fluid dispense hoses with shutoff valves.

### 970-085 Tandem 65:1 King Ram Pumps, Pneumatic Crossover and Depressurization

Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves with 10 ft. (3 m) fluid dispense hoses with shutoff valves and automatic depressurization.

## 67:1 Premier

**Max. outlet pressure: 4690 psi (32.3 MPa, 323 bar)**

**Max. fluid flow @ 60 cpm: 4.6 gpm (17.2 lpm)**

**C58-338 LH Unit; C58-601 RH Unit:**

### 970-065 Tandem 67:1 Premier Ram Pumps, Pneumatic Crossover

Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, and outlet check valves with 10 ft. (3 m) fluid dispense hoses with shutoff valves.

### 970-066 Tandem 67:1 Premier Ram Pumps, Pneumatic Crossover and Depressurization

Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves with 10 ft. (3 m) fluid dispense hoses with shutoff valves and automatic depressurization.

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# Ram Pump Packages Ordering Information (cont'd)

## 67:1 Premier (cont'd)

- 970-154 Tandem 67:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization**  
Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, 10 ft. (3 m) fluid dispense hoses with shutoff valves, and automatic depressurization.
- 970-168 Triple 67:1 Premier Ram Pumps, Pneumatic Crossover**  
Includes: (3) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover, outlet check valves and 10 ft. (3 m) fluid dispense hoses with shutoff valves.
- 970-169 Triple 67:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization**  
Includes: (3) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, 10 ft. (3 m) fluid dispense hoses with shutoff valves, and automatic depressurization.

## 45:1 Premier with Carbide Lower

**Max. outlet pressure: 4500 psi (31.0 MPa, 310 bar)**

**Max. fluid flow @ 60 cpm: 6.9 gpm (26 lpm)**

**C59-793 LH Unit; C59-794 RH Unit:**

- 970-140 Tandem 45:1 Premier Carbide Ram Pumps, Pneumatic Crossover and Enhanced Depressurization**  
Includes: (2) pump lowers with carbide balls and seats, 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, 10 ft. (3 m) fluid dispense hoses with shutoff valves and automatic depressurization.
- 970-141 Tandem 45:1 Premier Carbide Ram Pumps, Pneumatic Crossover**  
Includes: (2) pump lowers with carbide balls and seats, 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, and 10 ft. (3 m) fluid dispense hoses with shutoff valves.

## 45:1 Premier

**Max. outlet pressure: 4500 psi (31.0 MPa, 310 bar)**

**Max. fluid flow @ 60 cpm: 6.9 gpm (26 lpm)**

**C59-778 LH Unit; C59-779 RH Unit:**

- 970-150 Tandem 45:1 Premier Ram Pumps, Pneumatic Crossover**  
Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, and 10 ft. (3 m) fluid dispense hoses with shutoff valves.
- 970-155 Tandem 45:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization**  
Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, 10 ft. (3 m) fluid dispense hoses with shutoff valves, and automatic depressurization.

## 34:1 Premier

**Max. outlet pressure: 3400 psi (23.5 MPa, 235 bar)**

**Max. fluid flow @ 60 cpm: 9.2 gpm (34 lpm)**

**C58-461 LH Unit; C58-462 RH Unit:**

- 970-123 Tandem 34:1 Premier Ram Pumps, Pneumatic Crossover and Enhanced Depressurization**  
Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, 10 ft. (3 m) fluid dispense hoses with shutoff valves and automatic depressurization.
- 970-151 Tandem 34:1 Premier Ram Pumps, Pneumatic Crossover**  
Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, and 10 ft. (3 m) fluid dispense hoses with shutoff valves .

## 20:1 King

**Max. outlet pressure: 1800 psi (12.6 MPa, 126 bar)**

**Max. fluid flow @ 50 cpm: 7.7 gpm (29.1 lpm)**

**C59-784 LH Unit; C59-785 RH Unit:**

- 970-152 Tandem 20:1 King Ram Pumps, Pneumatic Crossover**  
Includes: (1) dual pump stand assembly, dual King inline pumps with double ball lowers, dual air motor air controls, mastic regulator, manifold, and ball valve on inlet.
- 970-157 Tandem 20:1 King Ram Pumps, Pneumatic Crossover and Enhanced Depressurization**  
Includes: (2) 4-post Uni-Drum rams, 300 gal. (1200 liter) follower plates, pneumatic crossover control, outlet check valves, 10 ft. (3 m) fluid dispense hoses with shutoff valves, and automatic depressurization.

## Accessories

- C58-581 Manual Depressurization Module**  
Includes: electrical and pneumatic controls for depressurization, return valves and hoses.
- C59-780 Automatic Enhanced Depressurization Module**  
Includes: electrical and pneumatic controls for depressurization, pump runaway valves, 7-day timer, return valves and hoses for (2) Uni-Drums.
- C59-795 Triple Uni-Drum Automatic Enhanced Depressurization Kit**  
Includes: electric and pneumatic controls for depressurization, pump runaway valves, 7-day timer, return valves and hoses for (3) Uni-Drums.
- 970-125 Filter Bank, 3000 psi**  
Includes: (2) HP filter assemblies for by-pass with frame and stand assembly, inlet and outlet pressure gauges, and isolation shut-off valves.
- 970-126 Filter Bank, 5000 psi**  
Includes: (2) HP filter assemblies for by-pass with frame and stand assembly, inlet and outlet pressure gauges, and isolation shut-off valves.

## Manual Extrude Dispense Kits

- 969-201 In-line Ball Needle Manual Extrude Kit**  
Includes: ball valve, 3/8 in. mastic regulator, 25 ft. (7.6 m) dispense hose, 6 ft. (1.8 m) whip hose, Z-swivel, and Ultra-Lite in-line flow gun.
- 969-202 In-line Tapered Needle Manual Extrude Kit**  
Includes: ball valve, 3/8 in. mastic regulator, 25 ft. (7.6 m) dispense hose, 6 ft. (1.8 m) whip hose, Z-swivel, and Ultra-Lite in-line flow gun.
- 970-167 Pistol Grip Manual Extrude Kit**  
Includes: ball valve, 3/8 in. mastic regulator, 25 ft. (7.6 m) dispense hose, 6 ft. (1.8 m) whip hose, Z-swivel, and Ultra-Lite 4000 SD pistol grip flow gun, and nozzle.

## Manual Spray Dispense Kits

- 970-124 Pistol Grip Manual Airless Spray Kit**  
Includes: ball valve, 3/8 in. mastic regulator, 25 ft. (7.6 m) dispense hose, 6 ft. (1.8 m) whip hose, straight swivel, and Silver Plus pistol grip airless spray gun with fan spray tip.
- 970-145 Pistol Grip Manual Air-Assisted Airless Spray Kit**  
Includes: ball valve, 3/8 in. mastic regulator, 25 ft. (7.6 m) dispense hose, 6 ft. (1.8 m) whip hose, straight swivel, and AA Plus pistol grip spray gun with fan spray tip.

## Repair Kits

- 237-163 For Dura-Flo 900 Pump Lower (236-466)**  
**237-169 For Dura-Flo 1200 Pump Lower (237-510)**  
**222-849 For Dura-Flo 1800 Pump Lower (222-796)**  
**222-879 For Dura-Flo 2400 Pump Lower (222-801)**  
**222-958 For Premier Air Motor (239-825)**  
**207-730 For King Air Motor (207-647)**

## Recommended Spare Parts

### For Four Post Ram (918-159)

- 918-110** Ram Repair Kit  
**918-241** Follower Plate Seals