



*First choice when
quality counts.™*

President Cart Packages

Electrostatic Air-Assisted Airless

- **Package solutions to fit your applications**
- **Completely assembled, ready to spray**
- **Severe Duty CST and Severe Duty full SST models available**
- **Featuring the PRO AA4500™ electrostatic spray gun for maximum efficiency**

Graco's President electrostatic air-assisted airless spray cart packages are ideal for applications that require a quality surface finish and high transfer efficiency, at high production rates. These units are ideal for operations requiring the mobility of a cart-mounted sprayer. They are ready for use right "out-of-the-box," and are equipped with gun fluid hose swivel and whip hoses to provide the operator with maximum comfort and handling ease. These sprayers combine superior Graco pump and gun technology to deliver high performance and trouble-free reliability. Choose our standard Severe Duty or complete SST construction for corrosive coatings. See the back page selection guide to choose the Graco electrostatic air-assisted airless spray cart package that's right for your application.

**Engineered
packaged
solutions
designed for
your
electrostatic
air-assisted
airless finishing
application
needs**

Typical Fluids Handled

- Medium to high solids primers
- Medium to high solids topcoats
- High viscosity coatings
- Pre-mixed plural component coatings

Typical Industry Applications

- Aerospace
- Rail car
- Farm and construction
- Sheet metal fabrication
- General machinery
- Truck and bus manufacturing



231-937
President 30:1

CE

Technical Specifications

Maximum fluid working pressure

President 15:1	100 bar (10 MPa)
President 30:1	210 bar (21 MPa)

Maximum air input pressure

President 15:1 and 30:1	7 bar (0.7 MPa)
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Fluid flow at 60 cpm

President 15:1	6.8 l/min.
President 30:1	3.6 l/min.

Maximum pump operating temperature

82°C

Air inlet size

3/8 npsm(f)

Pump inlet size

3/4 npt(m)

Fluid outlet size (at fluid filter)

1/4 npsm(m)

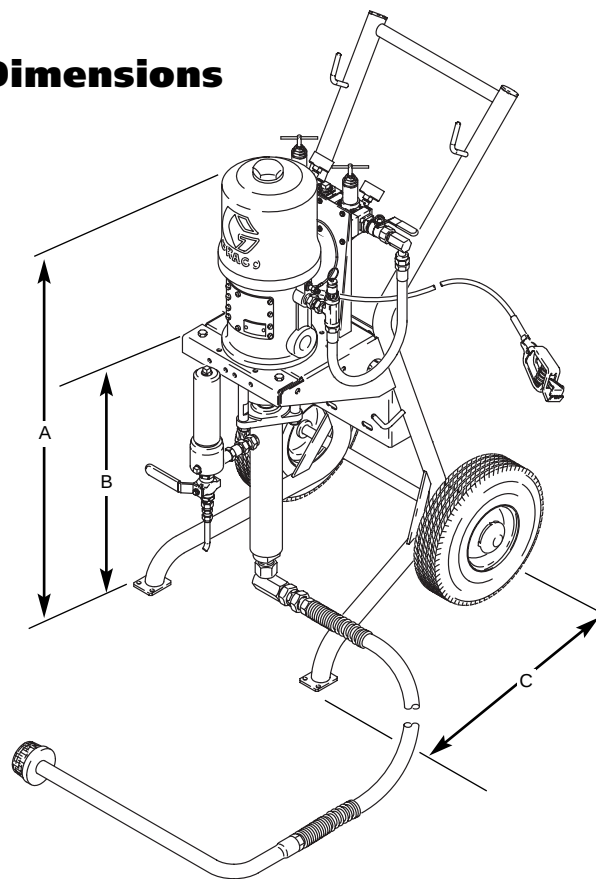
Weight (approximate)

39 kg

Instruction manual

308-691

Dimensions



Dimensions for all President Models

A = 978 mm

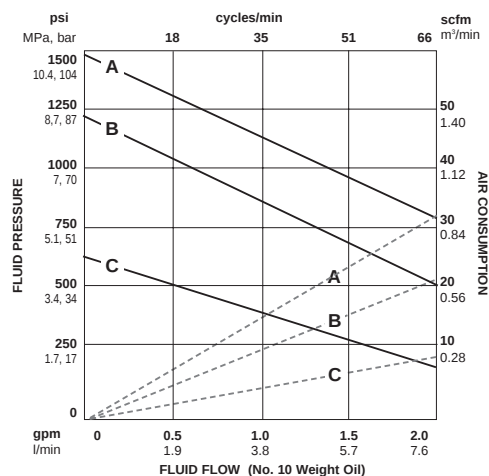
B = 572 mm

C = 534 mm

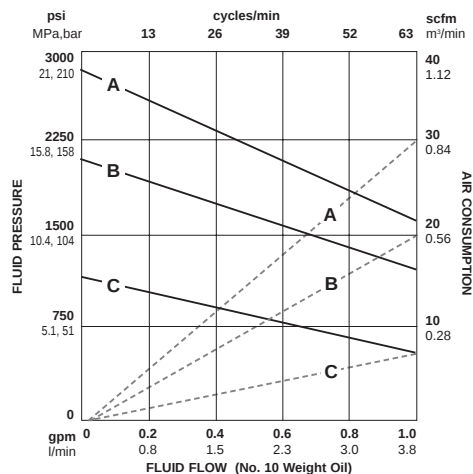
Width Across Wheels = 508 mm

Pump Performance (Performance Curve based on Pump Package)

President 15:1



President 30:1



Key:

— Fluid Outlet Pressure
 --- Air Consumption

Air Pressures:

A = 7 bar (0.7 MPa)
 B = 4.9 bar (0.49 MPa)
 C = 2.8 bar (0.28 MPa)

Accessories

Spray Gun

236-030 PRO AA4500

With basic power supply. See PRO AA4500 Data Sheet 305-600 for more detailed information and additional accessories.

Gun Fluid Hose Swivels

189-018 Swivel

For easy handling of the gun and hose.
1/4 npt(m) x 1/4 npsm(f)

Gun Air Hose Swivels

112-534 For all Pump Packages

Max. air pressure: 7 bar (0.7 MPa)

Nipples (for Hose)

For connecting main hose to the whip hose.

162-453 CST 1/4 npt x 1/4 npsm

166-846 SST 1/4 npt x 1/4 npsm

Valves

113-769 Relief Valve

Relief pressure: 8.6 bar (0.86 MPa)

113-333 Bleed-Type Master Air Valve

3/8 npt(mxf)

238-635 Fluid Drain Valve, CST

1/4 npt(mbe)

239-018 Fluid Drain Valve, SST

1/4 npt(mbe)

Filters

239-060 CST

239-063 SST

Stainless Steel Replacement Screens (3-Packs):

238-435 500 micron (30 mesh)

238-437 238 micron (60 mesh)

238-439 149 micron (100 mesh)

238-441 74 micron (200 mesh)

Suction Tube Strainers

181-073 For CST Models 1/2 npt(f)

183-770 For SST Models 3/4 npt(f)

Air Regulators

113-764 Air Regulator

Max. air inlet pressure: 17.2 bar (1.7 MPa)

Inlet and outlet: 3/8 npt(f).

238-917 Repair Kit (for 113-764)

113-911 Gauge (used with 113-764 and 113-765)

113-765 Air Filter / Regulator

239-383 Repair Kit (for 113-765)

239-385 Sight Glass Kit (for 113-765)

239-384 Filter Element Kit (for 113-765)

Throat Seal Liquid

Non-evaporating liquid for wet cup.

206-994 0.5 Litre

206-995 0.9 Litre

206-996 3.8 Litre

Air Line Lubricator

Provides automatic lubrication for the air motor.

Requires (1) 113-766 connector.

114-005 Lubricator

Max. working pressure: 17.2 bar (1.7 MPa)

113-766 Connector

Attaches lubricator to air regulator assembly.

Grounding Clamp

238-909 Grounding Wire and Clamp

Warning Labels

Available at no cost.

290-331 English

290-396 German

290-397 French

290-398 Spanish

Fluid Whip Hose

Maximum working pressure: 207 bar (20.7 MPa)

1/4 npt(m) x 1/4 npsm(f). CST fittings.

236-134 1/8" x 0.9 m

236-135 1/8" x 1.8 m

Maximum working pressure: 280 bar (28 MPa).

1/4 npsm(fbe). CST fittings.

238-708 3/16" (4.7 mm) x 0.6 m

238-709 3/16" (4.7 mm) x 1 m

238-710 3/16" (4.7 mm) x 2 m

238-822 1/4" (6.3 mm) x 0.6 m

238-823 1/4" (6.3 mm) x 1 m

238-824 1/4" (6.3 mm) x 2 m

239-082 3/16" (4.7 mm) x 1 m

1/4 npsm(fbe). SST fittings.

239-069 3/16" (4.7 mm) x 0.6 m

239-108 1/4" (6.3 mm) x 0.6 m

Air Whip Hose

Maximum working pressure: 7 bar (0.7 MPa)

1/4 npsm(mxf). Left thread.

236-130 1/4" (6.3 mm) x 0.9 m

Twin Air and Fluid Hose

Air – maximum working pressure: 7 bar (0.7 MPa)

Fluid – maximum working pressure: 280 bar (28 MPa).

Air hose comes with grounding wire.

All air hoses have left-hand thread.

1/4 npsm(fbe). CST fluid fittings.

239-361 1/4" (6.3 mm) x 7.5 m

1/4 npsm(fbe). SST fluid fittings.

239-097 1/4" x (6.3 mm) x 7.5 m

Ordering Information

Note: internal wear parts are SST with heavy chrome plate (Severe Duty). All CST models listed below are Severe Duty but have accessories and fittings in the fluid path that are plated CST.

	President 30:1 231-928	President 30:1 231-937	President 15:1 231-961
Construction	CST	SST	CST
Package Includes:			
Twin Air and Fluid Hose:			
1/4" (6.4 mm) x 7.5 m	239-361	239-097	239-361
Air Whip Hose:			
3/16" (5 mm) x 0.9 m	236-130	236-130	236-130
Fluid Whip Hose:			
3/16" (5 mm) x 0.6 m	238-708	239-069	238-708
PRO AA4500 Electrostatic AA Spray Gun (Includes tip of choice. Specify size.)	236-030	236-030	236-030
Gun Fluid Hose Swivel	189-018	189-018	189-018
Gun Air Hose Swivel	112-534	112-534	112-534
Pump Information:			
Bare Pump	223-586	223-843	217-580
Lower Displacement Pump	223-587	223-842	217-529
Rod and Cylinder	SST	SST	SST
Packing Kits (* denotes Standard Packing Kit)			
Leather/Teflon	235-635*	NA	235-634*
UHMWPE/Leather	223-675	223-675*	220-396

Graco is registered to I.S. EN ISO 9001.
Any and all specifications contained herein are subject
to change without notice.



GRACO N.V.
Slakweidestraat 31
B-3630 Maasmechelen
Tel: (32) 89 770 700 • Fax: (32) 89 770 777
www.graco.com (US) • www.graco.be (Europe)