



First choice when
quality counts.

Hydra-Cat® HP High Performance

**Adjustable
Ratio
Proportioner
for High
Performance
Coatings**

Typical Applications

- Solvent-free epoxy coatings
- Fire retardant materials
- Corrosion-protective coatings for ships and off-shore rigs
- Protective coatings for rail cars, both new and refinished
- Pipeline coatings

Flexible and Adaptable

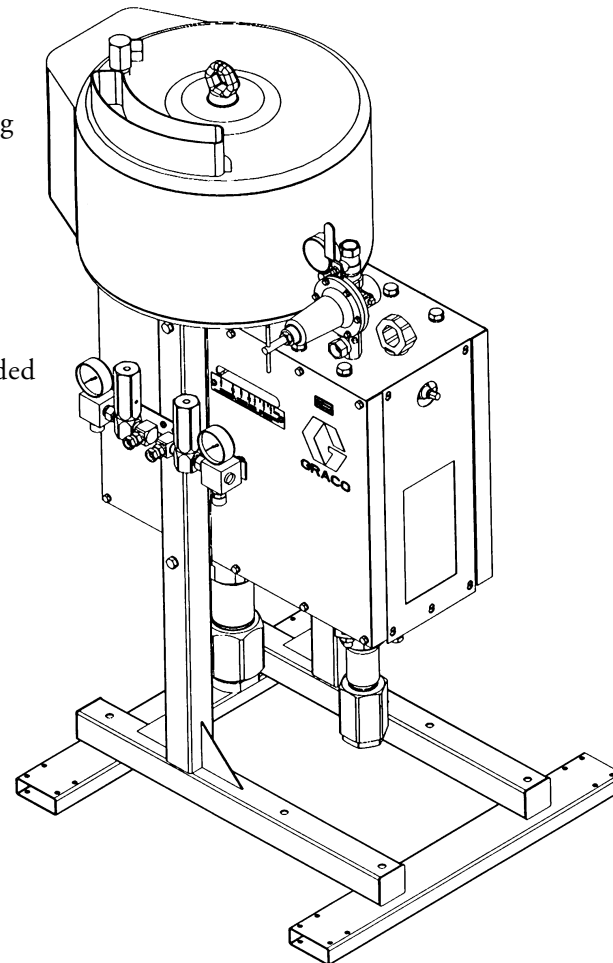
- Easily adjustable ratio from 1:1 to 3:1 without changing lowers
- Choice of Premier or King air motor
- Compatible with Dura-Flo™ fluid sections
- Freestanding design – easy to integrate into a system

Durable and Easy to Use

- Fluid pump connections and mounting allow easy attachment and simple removal (no pins or pivots)
- Easy access to connecting rod, throat packings and wet cup area
- Designed for long service life in harsh environments
- Pressure relief valves and gauges included
- Castor kit for in-plant mobility

The Hydra-Cat HP is Graco's new high-powered, adjustable-ratio proportioner, specifically designed for applying high solids protective coatings (primarily epoxies and urethanes) to large outdoor structures including ships and off-shore structures.

The Hydra-Cat HP can also be integrated into custom-engineered plural component systems.



Technical Specifications

Working pressure 5000 psi (345 bar) maximum fluid pressure
Input air pressure 40 psi (2.7 bar) to 100 psi maximum
 (6.9 bar) for Premier, to 90 psi (6.2 bar) for King
Maximum fluid flow 4 gpm (15.2 lpm) at 40 cycles/min (ratio 1.3:1)
Wetted parts Severe Duty™ (hardened chrome over high grade
 stainless steel), carbon steel and Teflon® standard.
 Stainless steel and UHMWPE optional

Dura-Flo™ and Severe Duty™ are trademarks of Graco Inc. / Teflon® is a registered trademark of Du Pont

Dimensions

	Width	Depth	Height	Weight
King Hydra-Cat HP	32 in. (81.3 cm)	30 in. (76.2 cm)	65 in. (165.1 cm)	600 lbs. (272.4 kg)
			70 in. (177.8 cm)	<i>approximate with casters</i>
Premier Hydra-Cat HP	39 in. (99.1 cm)	30 in. (76.2 cm)	65 in. (165.1 cm)	600 lbs. (272.4 kg)
			70 in. (177.8 cm)	<i>approximate with casters</i>

Hydra-Cat HP Ordering Information

Complete Hydra-Cat HP Units			At Minimum Ratio Setting		At Maximum Ratio Setting	
Air Motor	Assembly Part No.	Ratio Range Min. Max.	Stall Pressure PSI (Bar)	Output Gpm (Lpm)	Stall Pressure PSI (Bar)	Output Gpm (Lpm)
Premier 9 x 6	965-481	1.50 4.50	5333 (368)	3.65 (13.80)	7273 (502)	2.67 (10.12)
Premier 12 x 6	965-479	2.00 6.00	4444 (307)	4.38 (16.56)	5714 (394)	3.40 (12.88)
Premier 9 x 9	965-530	1.00 3.00	4444 (307)	4.38 (16.56)	6667 (460)	2.92 (11.04)
King 6 x 6	965-477	1.00 3.00	3803 (262)	2.92 (11.04)	5704 (393)	1.94 (7.36)
King 18 x 6	965-466	3.00 9.00	1901 (131)	5.83 (22.08)	2282 (157)	4.86 (18.40)

Note: all output pressures limited to 5000 psi (345 bar) by integral pressure relief valves.