

GM12A Planetary Hoist

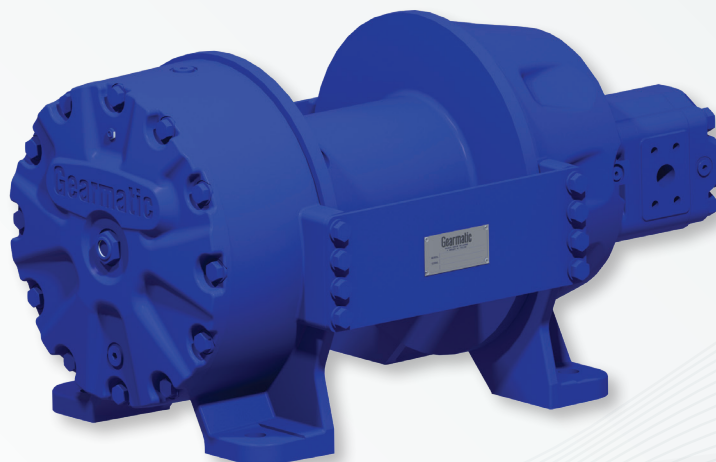
12,000 lb (5,443 kg) Rated Line Pull

Gearmatic®

A PACCAR COMPANY

Features & Benefits

- Overwound (CCW) and underwound (CW) drum configurations
- Equal speed and high speed reverse configurations
- Sintered bronze brake discs for smooth operation and better heat dissipation even after long term storage
- Crowned planetary gears provide longer life and reduced noise
- Stainless steel drum seal lands for superior corrosion resistance
- Sight glass to easily check oil level
- Indexable breather vent for 360° mounting options
- Engineered for fast, simple maintenance and repair
- Installs using standard mounting pattern



Designed to carry the Gearmatic legacy forward, the GM12A provides superior performance even under the harshest marine conditions and demanding drilling applications. Crafted with the highest quality materials and attention to detail, the GM12A meets all customer requirements for functionality and serviceability.

Gear Ratio	41:1
Unit Weight	524 to 545 lb (238 to 247 kg)
Motor	051 (5.1 CID)
Drum Size	01 — 7.63" (194 mm) Barrel x 14.63" (372 mm) Flange x 10" (254 mm) Between Flanges 05 — 7.63" (194 mm) Barrel x 16.63" (422 mm) Flange x 10" (254 mm) Between Flanges
Rope Diameters	3/8" (10 mm), 7/16" (11 mm), 1/2" (13 mm), 9/16" (14 mm), 5/8" (16 mm)
Rope Storage	01 — 225 ft (68.6 m) for 5/8" (16 mm) Rope, 05 — 352 ft (107.3 m) for 5/8" (16 mm) Rope

Specifications are representative of common configuration. Consult factory for additional options.



Applications

- Fishing
- Dredging
- Drilling

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Performance

GM12A-41051-01 EQUAL SPEED REVERSE

	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5
Line Pull*	12,000 lb (5,443 kg)	10,420 lb (4,726 kg)	9,200 lb (4,173 kg)	8,250 lb (3,742 kg)	7,470 lb (3,388 kg)
Line Speed*	108 fpm (32.8 mpm)	124 fpm (37.8 mpm)	140 fpm (42.7 mpm)	157 fpm (47.7 mpm)	173 fpm (52.7 mpm)
Drum Capacity 5/8" (16 mm)	34 ft (10.4 m)	74 ft (22.6 m)	119 ft (36.3 m)	169 ft (51.5 m)	225 ft (68.6 m)

GM12A-HSR-41/9051-05 HIGH SPEED REVERSE**

	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6	Layer 7
Line Pull*	12,000 lb (5,443 kg)	10,420 lb (4,726 kg)	9,200 lb (4,173 kg)	8,250 lb (3,742 kg)	7,470 lb (3,388 kg)	6,800 lb (3,084 kg)	6,260 lb (2,840 kg)
Line Speed*	108 fpm (32.8 mpm)	124 fpm (37.8 mpm)	140 fpm (42.7 mpm)	157 fpm (47.7 mpm)	173 fpm (52.7 mpm)	191 fpm (58.1 mpm)	207 fpm (63.2 mpm)
Drum Capacity 5/8" (16 mm)	34 ft (10.4 m)	74 ft (22.6 m)	119 ft (36.3 m)	169 ft (51.5 m)	225 ft (68.6 m)	286 ft (87.2 m)	352 ft (107.3 m)

*Based on pressure of 2,200 psi (152 bar), 50 gpm (189 lpm), 5/8" (16 mm) rope and 5.1 CID motor.
Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.

**High Speed Reverse (HSR) reel out line speed is 4.4 times faster than reel in speed. In reverse rotation (reel out), the maximum load can be fully controlled at a line speed equal to the reel in speed.

Dimensions

(GM12A-41051-01 shown. Additional technical information available at www.paccarwinch.com.)

