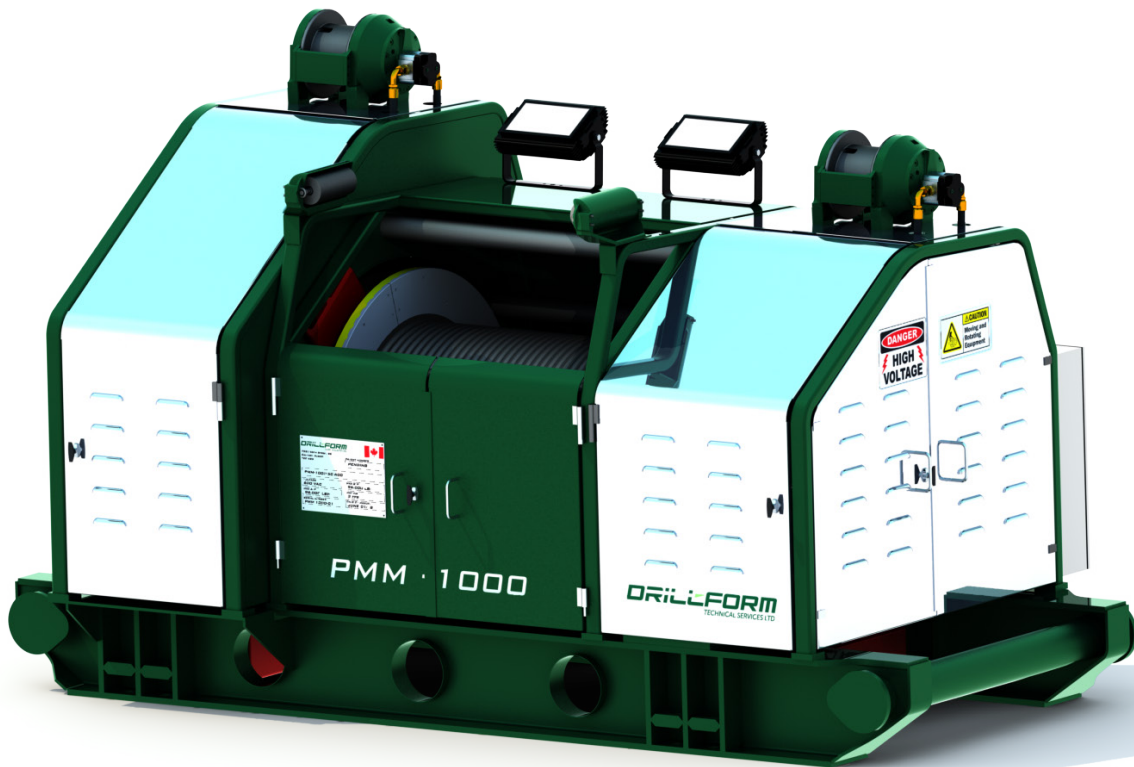


# DRILLFORM

FORMING THE FUTURE OF DRILLING EQUIPMENT

## BULLDOG PMM 1000

DRAWWORKS



## BULLDOG PMM 1000 FEATURES & BENEFITS

**SAFETY** | Optional self energizing brake calipers

**PERFORMANCE** | Performance of a 2,000 hp drawworks from a 1,000 hp unit with a compact and light weight design

**COST SAVINGS** | Lower power use and designed to fit a standard ISO container for cost efficient shipping

**EASE OF MAINTENANCE** | Field replaceable motors without laser alignment, a modular design and fully redundant at near full power should one motor stop

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# BULLDOG PMM 1000

## DRAWWORKS SPECIFICATIONS

Horsepower: 1,000 HP  
Voltage: 600 VAC  
Motors: 8 - 135 HP PMM  
Cooling: Integrated Liquid Coolers  
E-brakes: 2 SVBRG 500 - 400 Calipers  
Dynamic Brake: Eaton 24" / 610 mm  
Cable Size: 1 $\frac{3}{8}$ " / 35 mm  
Position Encoder: Optical Non-Contact  
Designed and Manufactured to API 9A

## DRAWWORK DIMENSIONS

Height: 89  $\frac{1}{8}$ " / 2.3 m  
Width: 170" / 4.3 m  
Depth: 91  $\frac{7}{8}$ " / 2.3 m  
Weight: 38,000 lbs / 17,240 kg

## DRUM DIMENSIONS

Usable Drum Width: 70" / 1.8 m  
Drum Diameter: 30" / 0.8 m  
Cable Capacity at Layer 4: 1,600 ft / 488 m  
Full Hook Load at 2nd layer  
Dead Wraps: 11

## PERFORMANCE

Single Line Pull: 102,400 lbs / 46,400 kg  
Hook Load (8 lines): 700,000 lbs (250T) / 317,500 kg  
Hook Load (12 lines): 1,000,000 lbs (350T) / 453,600 kg  
Max Brake: 268,000 ft-lbs / 363,300 Nm

## AUTOMATION

Kinetic energy control with dynamic brake dragging  
Ton-miles logging  
Integrated with rig PLC  
Remote diagnostic capabilities  
Optional: Stand alone PLC with crown saver / floor saver

