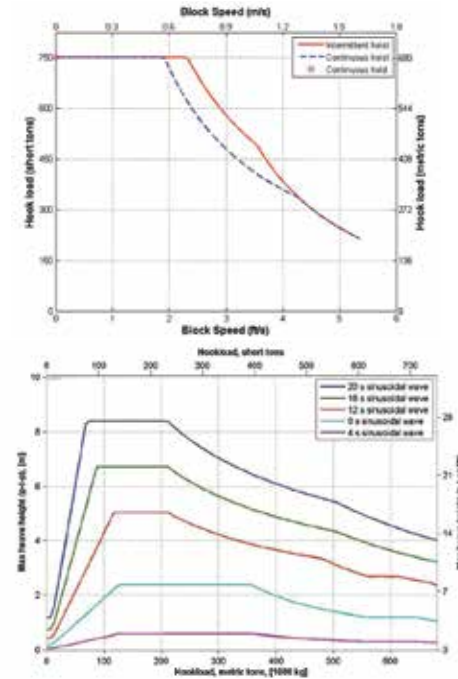
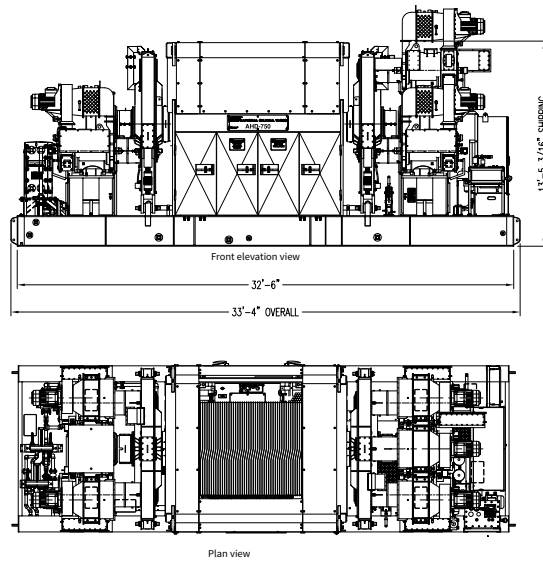




Active Heave Drilling Drawworks (AHD) combine the latest technology in controls and design. These drawworks eliminate the need for overhead motion compensation machinery. In addition, braking energy is regenerated and fed back into the electrical

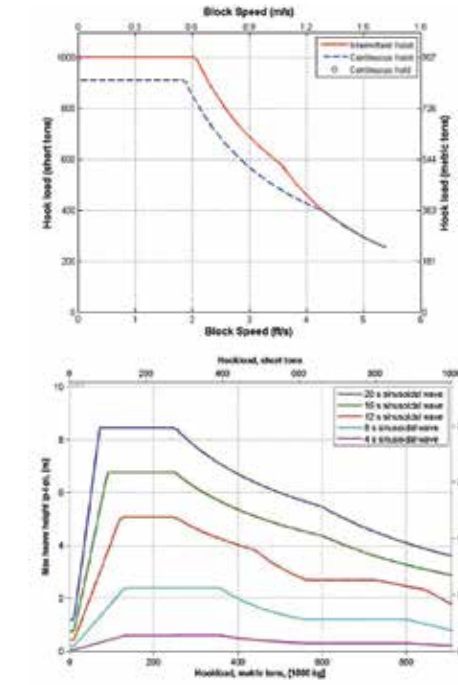
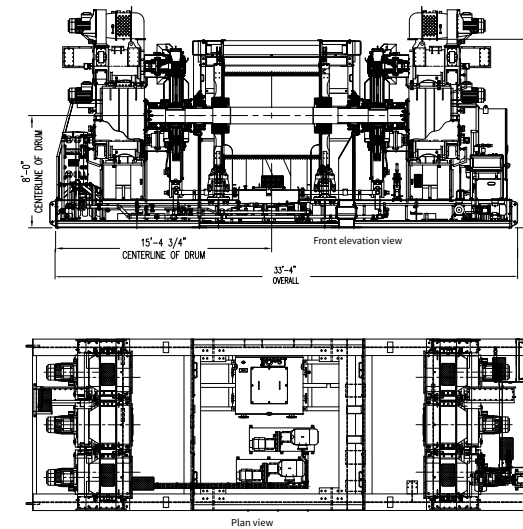
system of the drilling rig, which increases overall rig efficiency. The active heave compensation also expands the "drilling operational window" by allowing drilling programs to continue in heavier seas than conventional drawworks.

AHD-750



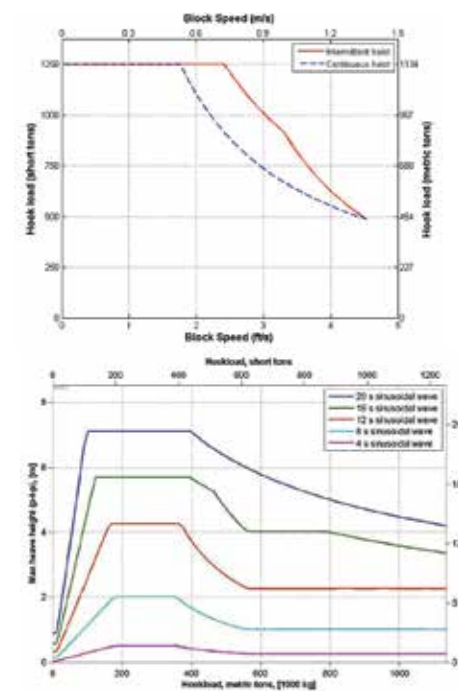
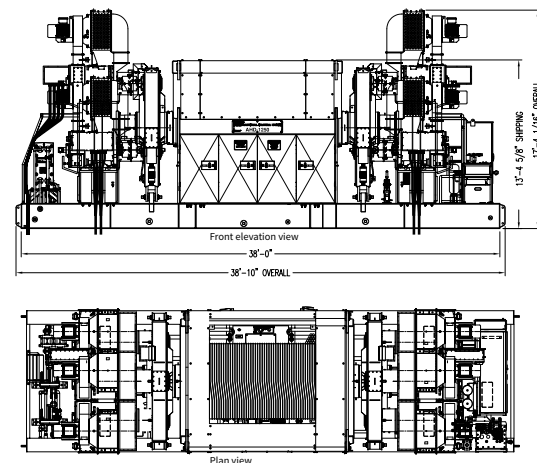
Technical specifications	
DESIGN DATA	
Max hook load 14 lines	750 sT (680 mT)
Max hook load 12 lines	652 sT (591 mT)
Fast line pull	119,585 lbs (54,243 kg)
Weight	200,442 lbs (90,919 kg)
Drill line diameter	1 3/4" (44.45 mm)
Max continuous power	5,750 Hp
Max intermittent power	7,000 Hp
Max block travel 14 lines (4 layers)	252 ft (76.7 m)
Max block travel 12 lines (4 layers)	294 ft (89.5 m)
Area classification	Zone 2
Design temperature	-4°F up to 113°F (-20°C up to 45°C)
Brake system main	Ac motors
Brake system emergency	Disc brakes
Brake disc cooling method	Air cooling
Fresh/sea water supply, lube oil heat exchanger	20 GPM @ 90°F (4.54 m³/hr @ 36°C)
DRILLING MOTOR	
Type	5GEB22A5 TEWAC
Number of motors	5
Power requirement	600/690 VAC, 60 Hz, 3~
Fresh/sea water supply, main AC motoros	100 GPM @ 97°F (22.7 m³/hr @ 33°C)

AHD-1000



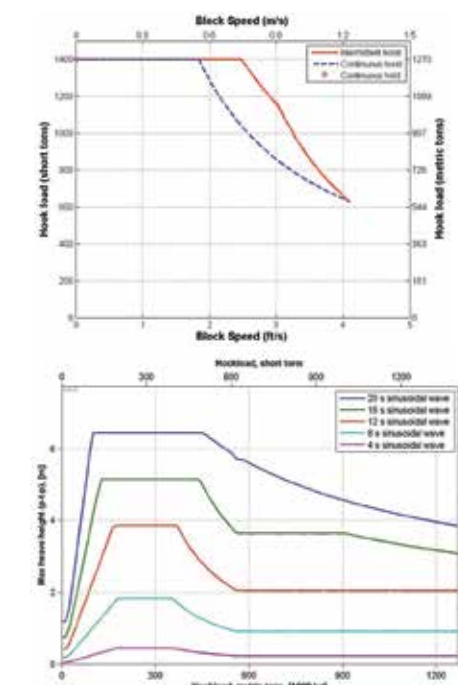
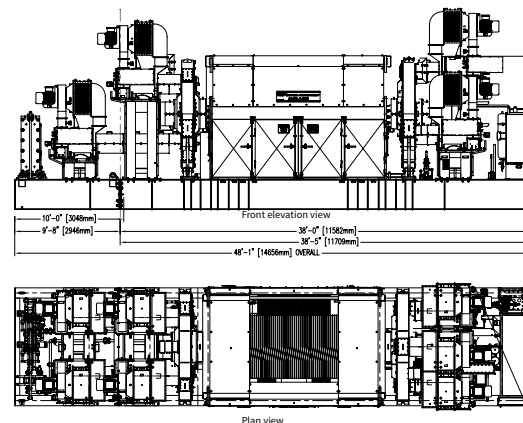
Technical specifications	
DESIGN DATA	
Max hook load 14 lines	1,000 sT (907 mT)
Max hook load 12 lines	867 sT (788 mT)
Fast line pull	159,447 lbs (72,324 kg)
Weight	207,851 lbs (94,180 kg)
Drill line diameter	2" (50.8 mm)
Max continuous power	6,900 Hp
Max intermittent power	8,400 Hp
Max block travel 14 lines (4 layers)	221 ft (67.4 m)
Max block travel 12 lines (4 layers)	258 ft (78.5 m)
Area classification	Zone 2
Design temperature	-4°F up to 113°F (-20°C up to 45°C)
Brake system main	Ac motors
Brake system emergency	Disc brakes
Brake disc cooling method	Air cooling
Fresh/sea water supply, lube oil heat exchanger	20 GPM @ 90°F (4.54 m³/hr @ 36°C)
DRILLING MOTOR	
Type	5GEB22A5 TEWAC
Number of motors	6
Power requirement	600/690 VAC, 60 Hz, 3~
Fresh/sea water supply, main AC motoros	100 GPM @ 97°F (22.7 m³/hr @ 33°C)

AHD-1250



Technical specifications	
DESIGN DATA	
Max hook load 16 lines	1,250 sT (1,134 mT)
Max hook load 14 lines	1,094 sT (992 mT)
Fast line pull	176,913 lbs (80,246 kg)
Weight	255,048 lbs (115,688 kg)
Drill line diameter	2 1/8" (53.98 mm)
Max continuous power	9,000 Hp
Max intermittent power	12,600 Hp
Max block travel 16 lines (4 layers)	216 ft (65.8 m)
Max block travel 14 lines (4 layers)	247 ft (75.3 m)
Area classification	Zone 2
Design temperature	-4°F up to 113°F (-20°C up to 45°C)
Brake system main	Ac motors
Brake system emergency	Disc brakes
Brake disc cooling method	Air cooling
Fresh/sea water supply, lube oil heat exchanger	20 GPM @ 90°F (4.54 m³/hr @ 36°C)
DRILLING MOTOR	
Type	5GEB28A5 TEWAC
Number of motors	6
Power requirement	600/690 VAC, 60 Hz, 3~
Fresh/sea water supply, main AC motoros	100 GPM @ 97°F (22.7 m³/hr @ 33°C)

AHD-1400



Technical specifications	
DESIGN DATA	
Max hook load 16 lines	1,400 sT (1,270 mT)
Max hook load 14 lines	1,242 sT (1,126 mT)
Fast line pull	198,142 lbs (88,876 kg)
Weight	341,289 lbs (154,806 kg)
Drill line diameter	2 1/8" (53.98 mm)
Max continuous power	10,500 Hp
Max intermittent power	12,800 Hp
Max block travel 16 lines (4 layers)	216 ft (65.8 m)
Max block travel 14 lines (4 layers)	247 ft (75.3 m)
Area classification	Zone 2
Design temperature	-4°F up to 113°F (-20°C up to 45°C)
Brake system main	Ac motors
Brake system emergency	Disc brakes
Brake disc cooling method	Air cooling
Fresh/sea water supply, lube oil heat exchanger	20 GPM @ 90°F (4.54 m³/hr @ 36°C)
DRILLING MOTOR	
Type	5GEB28A5 TEWAC
Number of motors	7
Power requirement	600/690 VAC, 60 Hz, 3~
Fresh/sea water supply, main AC motoros	100 GPM @ 97°F (22.7 m³/hr @ 33°C)