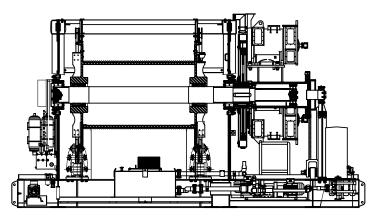
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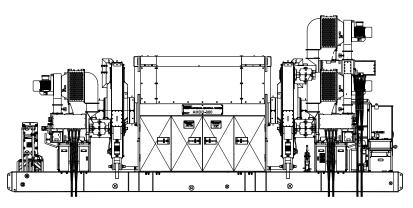
Technical Marketing Sheet Active Heave Dual Drilling Drawworks (AHDD)

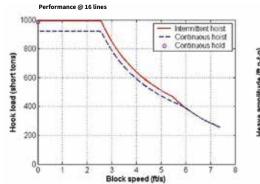
AHDD-1000

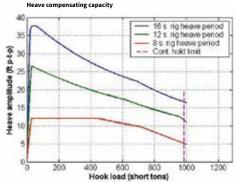


AHDD-1400

AHDD-1600







		Performand	ce @ 16 line	s		Heave compensating capacity					
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k load (short ton:	1200 1000 800				1	1		d J) 25	/	//	1/1
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Technical
DESIGN DAT

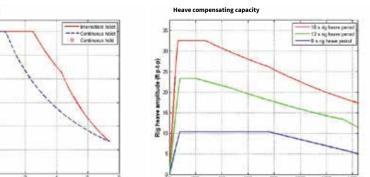
Max hook loa
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Brake system
Brake system
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Fresh/sea wa
DRILLING MC
Туре
Number of m
Power require
Fresh/sea wat

Technical specifications*					
DESIGN DATA					
Max hook load dual drawworks 16 lines	1,000 sT (907 mT)				
Max hook load single drawworks 16 lines	1,000 sT (907 mT)				
Fast line pull	137,789 lbs (62,500 kg)				
Weight	142,000 lbs (69,400 kg) × 2				
Dimensions (LxWxH)	30' 2¼" x 15' 3%" x 17' 2%" (9,201 mm x 4,663 mm x 5,236 mm)				
Drill line diameter	134"				
Max continuous power	9,200 Hp				
Max intermittent power	12,880 Hp				
Max block travel 16 lines (Dual drawworks)	303 ft (92.5 m)				
Max block travel 16 lines (Single drawworks)	151 ft (46.2 m)				
Area classification	Zone 1 (zone 2 for ATEX certified systems)				
Design temperature	-4°F up to 104°F (-20°C up to 40°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 @ 96.8°F (76 l/min @ 36°C)				
DRILLING MOTOR					
Туре	GEB22A2 (AC)				
Number of motors (each drawworks)	4 x 2				
Power requirement	690 VAC, 60 Hz, 3 phases				
Fresh/sea water supply main AC motors	100 GPM @ 97°F (22 7 m³/hr @ 33°C)				

ns shown are for one of the two draw

DESIGN DATA	
Max hook load 16 lines	1,400 sT (1,270 mT)
Max hook load 14 lines	1,234 sT (1,119 mT)
Fast line pull	192,904 lbs (87,500 kg)
Weight	300,038 lbs (136,095 kg) x 2
Drill line diameter	21/4"
Max continuous power	13,800 Hp
Max intermittent power	16,698 Hp
Max block travel 16 lines (3 layers)	293 ft (89 m)
Max block travel 14 lines (3 layers)	335 ft (102 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	40 GPM @ 96.8°F (9.08 m3/hr @ 36°C)
DRILLING MOTOR	
Туре	GEB22A5 TEWAC
Number of motors (each drawworks)	6 x 2
Power requirement	600/690 VAC, 60 Hz, 3~
Fresh/sea water supply, main AC motors	100 GPM @ 97°F (22.7 m3/hr @ 33°C)





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ТА	
bad 18 lines	1,600 sT (1,451 mT)
bad 16 lines	1,442 sT (1,308 mT)
Ш	191,376 lbs (86,807 kg)
	TBC
imeter	21/8"
Jous power	15,000 Hp
ittent power	18,280 Hp
ravel 18 lines (4 layers)	384 ft (117 m)
ravel 16 lines (4 layers)	432 ft (131.7 m)
cation	Zone 2
perature	-4°F up to 104°F (-20°C up to 40°C)
m main	AC motors
m emergency	Disc brakes
cooling method	Air cooling
ater supply, lube oil heat exchanger	20 GPM @ 96.8°F (4.54 m ³ /hr @ 36°C)
IOTOR	
	GEB28A1 TEWAC
motors (each drawworks)	5x2
irement	690 VAC, 60 Hz, 3~
vater supply, main AC motors	100 GPM @ 97°F (22.7 m3/hr @ 36°C)

* Technical specifications shown are for one of the two drawworks included in the AHDD system