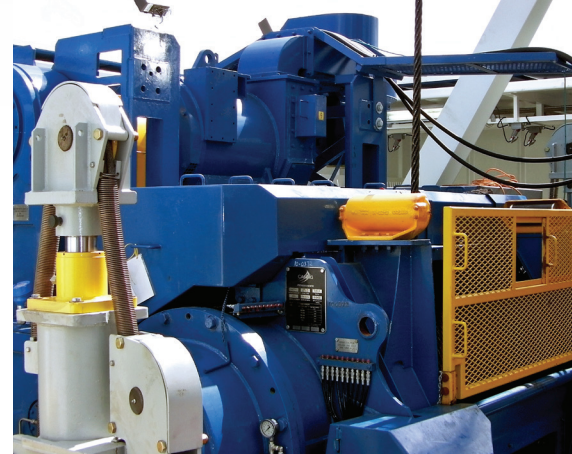




Commander™ Drawworks

As a leading supplier of power distribution and control systems, Canrig recognizes the criticalness of enhanced drawworks performance.

The Commander™ Drawworks has over 50 design configurations, including customization of power type, horsepower, layout and braking system. Its flexibility in size and footprint make the Commander™ Drawworks one of the smallest and lightest in the industry. Paired with Rigtelligent™ controls, the Commander™ Drawworks is at the forefront of today's rapidly changing technology in rig automation.



► **CANRIG® DRAWWORKS MODEL LIST**

MODEL	MOTORS (AC)	INTERMITTENT HP	CONTINUOUS HP
DW-1500-1 MD	1 x1500 HP	1830	1500
DW-1500-2 MD	1 x1500 HP	1830	1500
DW2000 MD	2 x1150 HP	2800	2300
DW2000 NG-NPL	2 x1150 HP	2800	2300
DW3000 NG-NPL	2 x1500 HP	3660	3000
DW3000-2 NG	2 x1500 HP	3660	3000
DW4600-1 MD	4 x1150 HP	5600	4600
DW6000-1 MD	4 x1500 HP	7320	6000

Hook load rating is rounded down to the nearest 10 tons for the top layer at the Racking Boards.

▶ RIGTELLIGENT™ CONTROLS

Rigtelligent™ controls are adaptable to most rig equipment. Canrig's active control philosophy includes industry best practices with equipment interlocks, self-checks, alarms and extensive monitoring to ensure safe operation. Standard advanced drawworks controls features include:

- State-of-the-art speed management that optimizes block speed for performance and safety
- Controlled minimum line tensioning to prevent line fouling (bird nesting)
- Anti-collision system to protect the crown, floor and racking board as well as interlocks with other floor equipment to prevent damage
- Health monitoring with over eight monitoring points on the drawworks to prevent damage due to improper lubrication and/or cooling
- Best-in-class DrillSmart® automatic driller utilizes self-optimizing algorithms that adapt to the drilling dynamics of the rig as well as changes in geology

▶ FEATURES & BENEFITS

FEATURES	BENEFITS
Configurable Main Gear Box	Ability to use common components to customize performance for any application
Gear Train w/ Planetary Final Reduction	Reduces footprint and weight
Optional Friction Brake Plate or Caliper Brake	Ability to accommodate customer preference. Cost effectiveness of friction brakes plates vs. redundancy of caliper brakes
Innovative HPU Design	<ul style="list-style-type: none"> • Integrated multifunctional valve manifold enables convenient rig-up and rig-down • Independent brake hydraulic controls maintain operational capabilities in the event of a central HPU failure • Enables manual lowering of drill pipe to allow emergency BOP activation
Modular Main Components* (transfer case, motor frame, drum frame)	Field configurable; flexible orientation allows for motor repositioning to accommodate footprint and height profile needs and transportation limitations

* Modular Design Models Only

GEARBOX	DRUM SIZE (in.)	DISC/ROTOR DIAMETER (in.)	MAX. SINGLE LINE PULL (lbf)	LINE SIZE (in.)	NO.OF LINES	MAX. HOOK LOAD (tons)*	BLOCK SPEED (fpm)	BRAKES
1 SPEED	29.5 X 57	49 x 1.125	62,550**	1.375	8	220	369	DISC CALIPER. WATER-COOLED OR AIR COOLED FRICTION BRAKES
					10	280	295	
					12	330	247	
2 SPEED	29.5 X 57	49 x 1.125	98,550**	1.375	8	360	183/321	DISC CALIPER. WATER-COOLED OR AIR COOLED FRICTION BRAKES
					10	440	146/256	
					12	520	122/214	
1 SPEED	29.5 X 57	49 x 1.125	94,200**	1.375	8	330	298	DISC CALIPER. WATER-COOLED OR AIR COOLED FRICTION BRAKES
					10	410	239	
					12	480	200	
1 SPEED	29.5 X 57	49 x 1.125	94,200**	1.375	8	330	298	DISC CALIPER. WATER-COOLED OR AIR COOLED FRICTION BRAKES
					10	410	239	
					12	480	200	
1 SPEED	29.5 X 57	49 x 1.125	151,760**	1.375 x 1.5	8	384	355	DISC CALIPER. WATER-COOLED OR AIR COOLED FRICTION BRAKES
					10	480	284	
					12	576	237	
2 SPEED	40 x 72	60 x 1.125	109,000*	1.75	10	680	162/284	DISC CALIPER. WATER-COOLED OR AIR COOLED FRICTION BRAKES
					12	800	135/237	
					14	910	115/203	
2 SPEED	46 x 61.75	84 x 1.125	195,630**	2	12	1,030	185/326	DISC CALIPER
					14	1,180	159/279	
					16	1,320	139/244	
2 SPEED	46 x 61.75	84 x 1.125	198,000*	2	12	1,040	185/326	DISC CALIPER
					14	1,190	159/279	
					16	1,340	139/244	

* Max. Single Line Pull is Line Capacity Limited

** Max. Single Line Pull is Motor Capacity Limited Calculated for Drawworks Duty of the Motors NG - NPL New Generation Drawworks, Non Permit Load



SALES INFORMATION

info@Canrig.com

RIGLINE 24/7™ SUPPORT

US & Canada: 866 433 4345

International: +1 281 774 5649

support@rigline247.com