



CANRIG
DRILLING TECHNOLOGY LTD.



POWERCATTM
Automated Catwalk

POWERCAT™

Automated Catwalk

The PowerCAT™ Automated Catwalk from Canrig is designed to individually index racked drill collars, drill pipe and casing into a center carrier where they can be lifted to the drill floor. It can safely and efficiently raise anything including subs, casing, logging tools or utility baskets.

The PowerCAT™ eliminates the need for pickup and lay down services when running casing. With its remote controlled capability the unit can be operated from the drill floor or from ground level.

Models are available to accommodate any tubulars from pickup subs and survey tools to 24-inch casing, and for every rig size and configuration. Both workover and drilling rigs can benefit from the PowerCAT™.

The PowerCAT™ is simple to use and is extremely robust. It combines innovative engineering and proven manufacturing techniques to deliver a product that is designed for the optimum in personnel safety, virtually eliminating the need for manual handling of tubulars.

SAFE AND EFFICIENT

The PowerCAT™ is designed for safety and efficiency. It virtually eliminates human interaction with tubulars during pickup and laydown operations. This prevents accidents during an activity that is one of the most dangerous of the whole drilling process. The PowerCAT™ also delivers casing to the drill floor, eliminating the need for additional specialized services at the well site.



MODEL

PowerCAT™ 500

PowerCAT™ 1000

Rig Type	Workover	Workover
Tubular Length Maximum	28' to 32'	32' - Range 2 Single
Tubular OD Maximum	N/A	6.25"
Tubular Weight Maximum	1,000 lbs	2,000 lbs
Cycle Time	30 seconds	15 seconds
Drill Floor Height Range	4' to 10'	7' to 14'
Catwalk Height	42"	42"
Working Dimensions	7.5' H x 12' W x 36' L	42" H x 9.5' W x 45' L
Transport Dimensions	7.5' H x 8' W x 36' L	5.5' H x 5.5' W x 45' L
Weight Total	10,000 lbs.	12,000 lbs
Standard HPU Drive System	Diesel	Diesel
Power Requirement	10 HP	12 HP



FEATURES, BENEFITS AND SPECIFICATIONS

- **Feature** — Remote Control
- **Benefit** — Operates all functions remotely, therefore distancing personnel from associated hazards.
- **Feature** — Infrared Sensing Technology With Auto Shut-down
- **Benefit** — Auto activation/lockout of motion control devices to ensure personnel safety.
- **Feature** — Dual Redundant winch cable design
- **Benefit** — Eliminates the possibility of a cable failure causing an unsafe event.
- **Feature** — Models available for any rig size and configuration
- **Benefit** — Versatility — technology can be applied to any application.
- **Feature** — Warning & Alarm Systems
- **Benefit** — Improves safety and facilitates troubleshooting.
- **Feature** — One Man Operation
- **Benefit** — Reduction in labor requirement during pick up and laydown activities

PowerCAT™ 2000	PowerCAT™ 3000	PowerCAT™ 4000	PowerCAT™ 5000
Drilling	Drilling	Drilling	Offshore Drilling
45' - Range 3 Single	45' - Range 3 Single	65' - Range 2 Double	45' - Range 3 Single
13.375"	20"	24"	24"
6,000 lbs	10,000 lbs	10,000 lbs	10,000 lbs
18 seconds	20 seconds	25 seconds	40 seconds
12' to 18'	21' to 35'	21' to 46'	Build to suit
42"	26" or 42" (*H)	42"	42"
42" H x 9.5' W x 60' L	*H x 9.5' W x 60' L	42" H x 9.5' W x 75' L	57 3/4" H x 17'-11" x 52'-2" L
8.5' H x 9' W x 60' L	10.5' H x 9.5' W x 60' L	10.5' H x 9.5' W x 60' L	15,000 lbs
30,000 lbs	57,000 lbs	74,000 lbs	71,000 lbs
Electric	Electric	Electric	Electric
50 HP	75 HP	100 HP	100 HP

General Information

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