
CANRIG PowerCAT™ AUTOMATED CATWALK



The PowerCAT™ Automated Catwalk from Canrig is designed to individually index horizontally racked drill collars, drill pipe and casing into a center carrier where they can be lifted to the drill floor. It can also handle subs, logging tools or any other tubulars safely and efficiently. Optional remote control capabilities make it possible for the unit to be operated from the drill floor or from around level using a hand-held remote console.



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

Safety

- Virtually eliminates human interaction with all tubulars during pick up and lay down operations.
- Infrared sensing technology with auto shutdown.
- Auto activation/lockout of motion control devices.
- Dual redundant winch cable design.

Efficiency

- Designed to operate at a speed which will not impair rig efficiency.
- Eliminates the need for pickup and lay down services.

Versatility

- Models available to accommodate any tubulars from pick up subs and survey tools to 24" casing.
- Designed to fit rigs of virtually any size and configuration.

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	PowerCat PM-1000	PowerCat PM-2000	PowerCat PM-3000	PowerCat PM-4000
Rig Type	Workover	Drilling	Drilling	Drilling
Tubular Length Maximum	32' - Range 2 Single	45' - Range 3 Single	45' - Range 3 Single	65' - Range 2 Double
Tubular OD Maximum	6.25"	13.375"	20"	24"
Tubular Weight Maximum	2,000 lbs	6,000 lbs	10,000 lbs	10,000 lbs
Cycle Time	15 seconds	18 seconds	20 seconds	25 seconds
Drill Floor Height Range	7' to 14'	12' to 18'	21' to 35'	21' to 46'
Catwalk Height	42"	42"	26" or 42" (*H)	42"
Working Dimensions	42" H x 9.5' W x 45' L	42" H x 9.5' W x 60' L	*H x 9.5' W x 60' L	42" H x 9.5' W x 65' - 74' L
Transport Dimensions	5.5' H x 5.5' W x 45.' 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 65' - 74' L
Weight Total	12,000 lbs	30,000 lbs	57,000 lbs	74,000 lbs
Standard HPU Drive System	Diesel	Electric	Electric	Electric
Power Requirement	12 HP	50 HP	75 HP	100 HP