

Automated Catwalk

Desert Mobile PC 3000/4000

Canrig's Desert Mobile Automated Catwalk is designed for fast rig moves and easy set up. The wheeled package simplifies transportation over rough terrain and desert conditions while still performing expected tasks such as individually indexing racked drill collars, drill pipe and casing into a center carrier where they can be lifted to the drill floor. With its remote-controlled capability, the unit can be operated from the drill floor or from ground level. Our latest models have upgrades to measure and tally tubulars on the fly and provide diagnostic outputs for the high cycle components like the winch and indexers.

WHEEL PACKAGE

The desert mobility wheel package is available in the automated catwalk PC3000 and PC4000 models.

SPECIFICATIONS

MODEL	PC 3000	PC 4000
TOWING LOAD	80,000 lbs 36,287 kg	105,000 lbs 47,627 kg
KINGPIN LOAD	42,000 lbs 19,051 kg	30,000 lbs 13,608 kg
GROUND CLEARANCE	14 in. 35 cm	12 in 31 cm
GROUND PRESSURE	42 psi 3 bar	57 psi 4 bar
TURNING RADIUS (MIN)	75 ft 23 m	98 ft 30 m
RIG MOVE TRANSPORT LENGTH	80 ft 24 m	102 ft 31 m
ROAD SPEED (MAX)	15 mph 325 kph	6 mph 9 kph
TIRE PRESSURE	45 psi 3 bar	80 psi 5 bar





TECHNICAL SPECIFICATIONS

MODEL	3000	4000
TUBULAR LENGTH MAXIMUM OPTION 1	45 ft - Range 3 Single 13,716 mm - Range 3 Single	50 ft - Range 3 Single 15,240 mm - Range 3 Single
TUBULAR LENGTH MAXIMUM OPTION 2	N/A	65 ft - Range 2 Double 19,812 mm - Range 2 Double
TUBULAR OD MAXIMUM	20 in 508 mm	24 in 610 mm
TUBULAR WEIGHT MAXIMUM	10,000 lbs 4,535 Kg	10,000 lb 4,535 Kgs
CYCLE TIME	20 – 50 seconds	30 – 50 seconds
DRILL FLOOR HEIGHT RANGE	18 ft to 35 ft 5,486 mm to 10,688 mm	22 ft to 40 ft 6,706 mm to 12,192 mm
CATWALK DECK HEIGHT OPTION 1	26 in (*H) 660 mm	42 in 1,067 mm
WORKING DIMENSIONS	26 in H X 28ft 2 in W X 68 ft 2in L 660mm X 8,687 mm X 20,777 mm	42 in H x 28 ft 6 in W x 65 ft (R2D 74ft) L 1,067 mm x 8,687 mm x 19,812 mm (R2D 22,555 mm)
TRANSPORT DIMENSIONS	9 ft 9 in H x 9 ft 7 in W x 61 ft 5 in L 2,972 mm x 2,921 mm x 18,720 mm	9 ft 6 in H x 10 ft W x 60 ft L 2,896 mm x 3,048 mm x 18,288 mm
WEIGHT TOTAL	60,000 lbs 27,515 Kg	76,000 lbs 34,473 Kg
STANDARD HPU DRIVE SYSTEM	Electric	Electric
SUPPLY POWER REQUIRED OPTION 1	480V / 85 AMP	480V / 111 AMP
SUPPLY POWER REQUIRED OPTION 2	600V / 68 AMP	600V / 90 AMP