RTD69 Legend 5

DIMENSIONS

	Mast up	Mast down
Length	36.6 ft | 10,98 m	39 ft | 11,89 m
Width	26.9 ft | 8,2 m	8.2 ft | 2,5 m
Height	40.9 ft | 12,46 m	12.5 ft | 3,81 m
Max weight	65,000 lbs | 29 484 kg	

COMPRESSOR

Model	Reichdrill or equivalent	
Type	Two stages, oil flooded screw	
Delivery volume	1,070 CFM	30,3 m^3/min
Delivery pressure	375 PSI	25,9 bar

Auxiliary blowdown valve for venting drillstring during pipe changes

Air line lubricator with 8 gal (30,3L) reservoir

ENGINE

Model	Caterpillar C13B
Power	577 HP | 430 kW
Speed	1,800 rpm

PULLDOWN PULLBACK

Pullback		43,980 lbf	195,6 kN
Pullback speed	**Standard**	38.39 fpm	11,70 m/min
	Rapid	122.84 fpm	37,44 m/min
Pulldown		35,000 lbf	155,7 kN
Pulldown speed	**Standard**	24.57 fpm	7,49 m/min
	Rapid	78.62 fpm	23,96 m/min
	Regen	128.94 fpm	39,3 m/min

DRILL MAST AND RELATED

Max. table opening	22 in	559 mm
Mast stroke	28 ft	8,5 m

DRILL PIPE

Recommended hole ∅	up to 20 in	up to 508 mm
Recommended drill pipe length	20 ft	6,1 m
Total length capacity - 9 pod	180 ft	54,9 m
Drill pipe diameter	4 - 4.5 in	101,6 - 114,3 mm
Power breakout	Cable breakout wrench, petol® chain standard equipment	

MAIN FRAME

Leveling jacks		2 front - 2 rear	
Bore diameter		5 in	127 mm
Stroke	**Front**	48 in	1 219 mm
	Rear	36 in	916 mm
Jack pad diameter		18 in	457 mm

TRUCK

Model	Peterbilt 589 Western Star 47X Mack Granite 64 FR
Front axle rating	23,000 lbs
Rear axle rating	46,000 lbs
Lift axle (optionnal)	20,000 steerable

ROTARY HEAD

Type	Top head hydraulic drive	
Speed	0 - 106 rpm	
Torque	7,155 lbf	9 700 Nm

Carousel index and lock

Air operated drill pipe holding wrench with hydraulic rasing-lowering

Winch: 8,500 lb (37,8 kN) with hydraulically extendable boom and 270° swing, with wireless remote control

Rod box: sloped, 15 pieces with grab rail and pipe riser

Drill pipe handling tool included as standard equipment

COOLING SYSTEM

Max. ambient	120°F	48,9°C

Multi-core cooler with thermostatically controlled fan speed

CONTROL STATION

Operator controle: pilot operated/lever

Platforms: operator and helper included

Folding, split helper's walkway

Lockable aluminium vandal cover

Air pressure regulator for air powered tools

20 gpm (76 l/min) direct drive water injection pump

Torque limiter control

Holdback and feed-overide with on/off control

Night light: 5 halogens

OPTIONS

Rotary head: 0-141 rpm I , 319 lbf I 7 292 Nm torque

Piston and centrifugal mud pump installation options

Sloped 18 pieces rod box with grab rail and pipe riser

High pressure filtration for rotation pump

Single and dual deck mounted hammer holders

LED Night lighting upgrade

Hydraulic driven welder installations: both with and without welder

Heavy pullback: 58 414 lbf - 259,84 kN

Extra heavy pullback: 83 154 lbf - 369 kN

Carousel mounted stabilizer holder

Hanger arm mounted stabilizer holder

Air or hydraulic casing hammer mounting kit (hammer not included)

Back up camera

Helper side storage box

Engine pre-heater

Additional standard and optional equipments are available, contact the local sales representative for pricing and availability.
Product specifications may change without prior notice

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