

NODWELL 320

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The Nodwell 110, 240, and 320 are multi-purpose two-tracked vehicles capable of traversing a wide variety of adverse terrain conditions such as sand, mud, muskeg, swamp, and snow. The Nodwell series of vehicles can be affixed with various types of auxiliary equipment which include: digger derricks, man lifts, cranes, backhoes, drills, dump boxes, dozer blades, or personnel carriers. Each Nodwell vehicle is transportable by highway truck.



FOREMOST

DESIGN. BUILD. PERFORM.

Engineered solutions for the resource industry.

FOREMOST NODWELL 320

PERFORMANCE

Payload	55,000 lbs	24,948 kg
Tare	45,000 lbs	20,412 kg
Gross Vehicle Weight	100,000 lbs	45,359 kg
Turning Radius	0'	0 mm
Maximum Speed	7 mph	11.3 km/h
Fording Depth	56 in	1,422 mm
Maximum Gradeability	Side 30%	Forward 60%

GROUND PRESSURE AT 6" PENETRATION

0 tons	2.60 psi	17.9 kPa
10 tons	3.76 psi	25.9 kPa
20 tons	4.92 psi	33.9 kPa
25 tons	5.50 psi	37.9 kPa
27.5 tons	5.79 psi	39.9 kPa

ENGINE

Make	Cummins	
Model	QSX-15	
Type	Diesel, turbo, electronic fuel control	
Cylinders	6	
Displacement	15 L	915 in ³
Horsepower @ 2100 RPM	500 hp	373 kW
Torque @ 1500 rpm	1,744 ft·lb	2,365 N·m

DRIVE TRAIN

Pump Drive	Hub City	Tripple Pad
Hydrostatic Pumps	Rexroth	Axial - Variable Displacement
Hydrostatic Motors	Rexroth	Axial - Variable Displacement
Planetaries	Rexroth L&S	
Brakes	Hydrostatic service brake	
Parking	Fail safe, spring applied, hydraulic release	

SUSPENSION

Type	Walking beam with urethane bushings in pivots
Hubs	Oil bath with metal face seals

TRACKS

Type	D-dent, 6 ply belt.	
Width	45"	1,143 mm
Belt Width	15"	381 mm

DIMENSIONS

Length	387"	9,289 mm
Width	144"	3,658 mm
Width Without Tracks	110"	2,794 mm
Height	135"	3,429 mm
Ground Clearance	21.5"	546 mm
Deck Height	59"	1,499 mm
Deck Length	273"	6,934 mm
Deck Width	117"	2,971 mm

OPTIONAL DECK EQUIPMENT

Digger Derricks	Excavators	Vibrosource equipment	Drills
Cranes, Stiff & Knucle Boom	Stiff Boom Cranes	Aerial Devices	

ELECTRICAL SYSTEMS

	IQAN Control System
Voltage	12V
Alternator Capacity	160 A
Battery Capacity	2 x 8D Batteries (2900 CCA)

WHEELS	10:00 x 20 - 14 Ply, Pnumatic Soild	
STEERING	Hydrostatic Drive System - Single 360° joystick. 2 Stage planetary track drives. Counter rotation capability.	
CHASIS	All welded construction, high strength steel for higher durability and lower weight	
CAPACITIES	Fuel Tank - 150 US gal (568 L)	Hydraulic Tank - 150 US gal (568 L)

OTHER OPTIONS

Deck & oilfield winches	Custom hydraulics
Air Conditioning	Arctic Package
1 man, 2man or 8 man cab	Rear pintle hook
Tapered front end	Spot light
Frame extension	Front, rear, middle bogie