“MOVE IT!”

ANYWHERE, ANYTIME... EVEN THROUGH THE MUSKEG

WITH A NODWELL TRANSPORTER!

Shown here is the complete mast of a rig being moved through the Rainbow muskeg by matched Nodwell Transporters.

Contact Nodwell for information on the new huge four tracked transporter, the RN400, that carries the heaviest rig component with ease.

THE NODWELL FAMILY

ROBIN-NODWELL MFG. LTD.
RO. Box 1450,
Calgary, Alberta.
POWER TRAIN. Power is supplied by two diesel engines through two Allison semi-automatic transmissions to the planetary drive rear axles. Tachometers are used by the operator for synchronization of front and rear engines.

FRONT AND REAR TRACK UNITS can each assume any transverse and/or lateral angle, depending upon the dictates of the terrain.

Track Units assume any angle dictated by terrain
## Preliminary Specifications

### General:
- **Ground Pressure & - penetration**
  - **Unloaded**: 1.8 P.S.I.
  - **Loaded**: 3.35 P.S.I.
- **Track Area**: 28,000 sq. in.
- **Minimum Turning Radius**: 22 feet
- **Ground Clearance, Loaded**: 16".
- **Gradeability**: 60%
- **Angle of Approach**: 40°
- **Angle of Departure**: 25°

### Maximum Speed @ 2500 R.P.M.:
- 1st gear: 2.64 MPH
- 2nd gear: 4.38
- 3rd gear: 7.75
- 4th gear: 10.80
- Reverse (low): 1.95
- Reverse (high): 3.50

### Weights:
- **Unladen (net)**: 50,000 lbs.
- **Payload (total)**: 40,050 lbs.
- **Laden (gross)**: 90,000 lbs.

### Dimensions:
- **Length**: 45"
- **Width, over tracks**: 12.5"
- **Height**: 13.5".
- **Deck height, unloaded**: 66"
- **Deck length**: 30
- **Deck width**: 9".

### Engine Characteristics (2 engines):
- **Manufacturer**: GM
- **Model**: 4-53
- **Type**: 4 valve - 2 cycle
- **Fuel**: Diesel
- **Max. H.P.**: 130 @ 2000 RPM
- **Max. Torque (net)**: 254 @ 1200 RPM
- **Number of Cylinders**: 2
- **Bore and Stroke**: 3 1/4" x 4 1/2".
- **Displacement**: 2213.2 cu. in.
- **Lubrication System**: Forced Feed
- **Oil Pressure**: 40 P.S.I.
- **Operating Temperature (recommended)**: 170°F
- **Recommended Idle Speed - Governor**: 1000 RPM

### Fuel System:
- **Inlet Size**: 0.55
- **Fuel Tank**: 10 cu. ft.

### Road Wheels:
- **Type**: Pneumatic (Michelin)
- **Size**: 7.50 x 20".
- **Number of Tires**: 10
- **Wheels**: 10 HD 10 Stud
- **Spindles & Hub Assembly**: 4.36 Tidewater Brgs.
- **Air Line**: 1/4".

### Tracks:
- **Width**: 45"
- **Crown**: Flat
- **Pitch**: 1"
- **Belts**: 12
- **Splice**: Overlap type

### Fifth Wheel:
- **Type**: 34" Heavy Duty
- **Side Oscillating**: Side Oscillating

### Capacities (Imperial Measure):
- **Fuel Tank**: 140 gallons
- **Water Tank**: 32 quarts
- **Oil Tank**: 40 quarts
- **Air Cleaner**: 1 quart

### Wheels:
- **Make**: Braden MS-20
- **Position**: Rear
- **Capacity**: 45,000 lbs. c/w 4" rim

### Hydraulic Pump:
- **Make**: Vickers
- **Rated Capacity @ 1500 P.S.I.**: 11 G.P.M.

### Electrical System:
- **Battery, Number used**: 2
- **Voltage**: 12 V
- **Type**: Wet
- **Capacity**: 200 Amp. Hrs.
- **Negative Ground Terminal**: Delco-Remy
- **Alternator (1) - Make**: Delco-Remy
- **Voltage**: 12
- **Starter Motor - Make**: Delco-Remy
- **Voltage**: 12
- **Regulator - Make**: Delco-Remy
- **Voltage**: 12
- **Capacity**: 60 amp.

### Power Train:
- **Transmission - Make**: Allison
- **Number required**: 2
- **Model**: C-4300
- **Type**: 4 speed semi auto.
- **Clutch**: 3.81
- **1st gear**: 1.54
- **2nd gear**: 1.00
- **3rd gear**: 0.72
- **4th gear**: 0.35
- **Reverse (low)**: 3.12
- **Reverse (high)**: 3.12
- **Torque Converter - Make**: Allison
- **Model**: TC-200
- **Shunt Torque Ratio**: 2.84 to 1
- **Differential - Make**: Timken
- **Model**: PR-101
- **Number required**: 2
- **Other Planetary - Make**: Timken
- **Model**: PR-101
- **Reduction (final)**: 3.6 to 1
- **Number required**: 4

### Steering:
- **Type**: Hydraulic
- **Size**: 1 1/8" Single acting
- **Number**: 2
- **Brakes:
  - **Driving**: Drive line
  - **Parking**: Drive line
  - **Make**: Allison Drum

### Suspension and Running Gear:
- **Type**: Crank Arm with tension coil spring
- **Model**: Urethane (solid) 14" tooth - 3" pitch

### Cab:
- **Size**: 64" x 64" x 64"
- **Type**: Birch Plywood
- **Finish**: Broom

### Cab Controls:
- **Make**: Hydraulic
- **Type**: Remote Control
- **Number required**: 2

### Instrumentation:
- **Hour Meter**: Direct Reading
- **Tachometer**: Elective
- **Oil Pressure**: Full Width
- **Water Temperature**: with 8" diameter fan width
- **Transmission Temp Warning Light**: with 8" diameter fan width
- **Ambient**: Mounted
- **Spare Wheel & Tire**: Swivel type, extra HD
- **Pintle Hook**: Mount
- **Rear View Mirror**: Mount
- **Deck Spot Light**: Mount
- **Cabs Heater**: Mount
- **Stick Shifter**: Mount
- **Starting Fluid Applicators**: Mount
- **Engine Muffler**: Mount
- **Exhaust Deflectors Fans**: Mount
- **Floor Dams**: Mount
- **Track Mounting Tool**: Mount

### Miscellaneous:
- **Full Width**: 8" diameter fan width
- **Water type**: 2
- **Front Background**: 2
- **Mounts**: 2
- **West Coast**: 2
- **Water type**: 2
- **Wheels**: 2