

# DELTA

The Foremost Delta is a versatile all-wheel drive, terra-tired transporter. Utilizing proven powertrain components and heavy duty center-frame steering, this high floatation vehicle provides economic transportation of payloads up to 15 tons. The Delta provides superior off-highway mobility and can be readily adapted for all chassis-mounted equipment. It is ideal for logistical support of remote drilling operations, pipeline and powerline construction and maintenance, or other specialized projects faced with travel through marginal terrain conditions. Available in a two or three axle configuration.



**FOREMOST**



PRODUCT INFORMATION

# FOREMOST DELTA

## PERFORMANCE

|                             | DELTA 2    |           | DELTA 3     |           |
|-----------------------------|------------|-----------|-------------|-----------|
| <b>Payload</b>              | 20,000 lbs | 9,091 kg  | 30,000 lbs  | 13,600 kg |
| <b>Tare</b>                 | 24,000 lbs | 10,969 kg | 29,300 lbs  | 13,300 kg |
| <b>Gross Vehicle Weight</b> | 44,000 lbs | 20,00 kg  | 59,300 lbs  | 26,900 kg |
| <b>Turning Radius</b>       | 29'        | 8.8 m     | 33'         | 10.1 m    |
| <b>Maximum Speed</b>        | 20.3 mph   |           | 32.7 km/h   |           |
| <b>Fording Depth</b>        | 4' 6"      |           | 1.37 m      |           |
| <b>Maximum Gradeability</b> | Side 30%   |           | Forward 50% |           |

## GROUND PRESSURE AT 3" PENETRATION

|                |         |          |         |          |
|----------------|---------|----------|---------|----------|
| <b>0 tons</b>  | 3.3 psi | 22.9 kPa | 3.3 psi | 22.9 kPa |
| <b>5 tons</b>  | 4.7 psi | 32.5 kPa | 4.7 psi | 32.5 kPa |
| <b>10 tons</b> | 6.1 psi | 42.1 kPa | 6.1 psi | 42.1 kPa |
| <b>15 tons</b> | -       | -        | 7.5 psi | 51.6 kPa |

## ENGINE

|                              |                        |          |                     |          |
|------------------------------|------------------------|----------|---------------------|----------|
| <b>Make</b>                  | Caterpillar            |          |                     |          |
| <b>Model</b>                 | C7                     |          | C9 (Optional)       |          |
| <b>Type</b>                  | Diesel EPA Tier 4 Flex |          |                     |          |
| <b>Cylinders</b>             | 6                      |          | 6                   |          |
| <b>Displacement</b>          | 442 in <sup>3</sup>    | 7.2 L    | 537 in <sup>3</sup> | 8.8 L    |
| <b>Horsepower @ 2100 RPM</b> | 250 hp                 | 187 kW   | 325 hp              | 242 kW   |
| <b>Torque @ 1400 RPM</b>     | 842 ft-lb              | 1,142 Nm | 1,095 ft-lb         | 1,485 Nm |

## DRIVE TRAIN

|                           |  |
|---------------------------|--|
| <b>Transmission</b>       | Funk DF 250. Full powershift with bi-directional PTO.<br>Direct drive hydraulic steering pump.<br>Front Axle Disconnect. |
| <b>Differential</b>       | Kessler planetary drive. Metal face seals on planet hubs.  |
| <b>Front Differential</b> | Standard Spider  |
| <b>Rear Differential</b>  | No Spin  |

## SUSPENSION

|                            |   |
|----------------------------|---|
| <b>Front Undercarriage</b> | Semi-elliptical, multi-leaf spring, full floating and stabilized by torque arms |
| <b>Rear Undercarriage</b>  | Rigidly mounted rear axle Walking Beam  |

## DIMENSIONS

|                               | DELTA 2 |         | DELTA 3 |         |
|-------------------------------|---------|---------|---------|---------|
| <b>Length (3-man Cab)</b>     | 33' 0"  | 10.06 m | 38' 5"  | 11.71 m |
| <b>Width</b>                  | 11' 4"  |         | 3.46m   |         |
| <b>Height - Overall</b>       | 10' 10" |         | 3.30 m  |         |
| <b>Height - Rear of Frame</b> | 5'      |         | 1.52 m  |         |
| <b>Ground Clearance</b>       | 21.5"   |         | 546 mm  |         |
| <b>Gage</b>                   | 7' 9"   |         | 2.36 m  |         |
| <b>Wheel Base</b>             | 18' 6"  | 5.64 m  | 21' 4"  | 6.50 m  |
| <b>Tandem Spacing</b>         | -       | -       | 6' 0"   | 1.83 m  |

## OPTIONAL DECK

|               |        |        |        |        |
|---------------|--------|--------|--------|--------|
| <b>Length</b> | 15' 0" | 4.57 m | 20' 0" | 6.10 m |
| <b>Width</b>  | 8' 0"  | 2.44 m | 8' 0"  | 2.44 m |

## ELECTRICAL SYSTEMS

|                            |                                  |  |  |  |
|----------------------------|----------------------------------|--|--|--|
|                            | IQAN Control System              |  |  |  |
| <b>Voltage</b>             | 12V                              |  |  |  |
| <b>Alternator Capacity</b> | 145 A                            |  |  |  |
| <b>Battery Capacity</b>    | 4 batteries, Delco 1151, 580 CCA |  |  |  |

|                      |  |       |  |  |
|----------------------|--|-------|--|--|
| <b>TIRES</b>         | Goodyear 66 x 43 x 25 Bias Ply   |       |  |  |
| <b>FUEL CAPACITY</b> | 132 US gal   | 500 L |  |  |
| <b>AIR CLEANER</b>   | Heavy duty dry type, with replaceable element  |       |  |  |
| <b>STEERING</b>      | Articulated frame for steering with self-aligning bushings.<br>Steering wheel controlled |       |  |  |
| <b>BRAKES</b>        |  |       |  |  |
| <b>PARKING</b>       | Internal Transmission SAHR Brake   |       |  |  |
| <b>SERVICE</b>       | Wet Disc Planetary Brakes  |       |  |  |
| <b>FRAME</b>         | High strength alloy steel welded.  |       |  |  |

## OTHER OPTIONS

|                                     |
|-------------------------------------|
| ROP Canopy                          |
| Emergency Steering and Brake System |
| Recovery Winch                      |