

# MAXIMUS KL3TX E-III 6x4 TRACTOR



## Engine

|                 |                                    |
|-----------------|------------------------------------|
| Model           | CumminsISX (EURO III)              |
| Type            | Turbo intercooler, diesel engine   |
| Max. Power      | 507ps(373kw)/1,900rpm              |
| Max. Torque     | 255kg.m(2509N.m)/1,400rpm          |
| No. of cylinder | In-line 6 cylinders                |
| Bore x Stroke   | 137x169(mm)                        |
| Displacement    | 14,900(cc)                         |
| Control type    | Electronic                         |
| Air cleaner     | Dry paper elements (Double filter) |

## Transmission

|                       |              |
|-----------------------|--------------|
| Model                 | ZF12TX2610TO |
| Type                  | AMT F12/R2   |
| 1st/2 <sup>nd</sup>   | 12.92 / 9.98 |
| 3rd/4 <sup>th</sup>   | 7.67 / 5.94  |
| 5th/6 <sup>th</sup>   | 4.57 / 3.53  |
| 7th/8 <sup>th</sup>   | 2.83 / 2.19  |
| 9th/10 <sup>th</sup>  | 1.68 / 1.30  |
| 11th/12 <sup>th</sup> | 1.00 / 0.77  |
| Reverse               | 12.03 / 9.29 |

## Brakes

|               |                                            |
|---------------|--------------------------------------------|
| Service       | : Full air brake, dual circuit, ABS&ASR    |
| Drum diameter | : 410 mm                                   |
| Lining width  | Front : 190mm<br>Rear : 220mm              |
| Material      | : Non-Asbestos                             |
| Parking       | : Acting on spring actuator at rear wheels |
| Auxiliary     | : Engine brake                             |

## Axles

|       |                                                                                           |
|-------|-------------------------------------------------------------------------------------------|
| Front | Reverse Elliot "I" beam, Capacity : 8,100kg                                               |
| Rear  | Banjo single reduction<br>Final drive ratio : 4.111, Capacity : 26,000kg<br>Option: 4.444 |

## Fuel Tank

Mounted on right and left hand side of the frame  
Capacity - 400+400 liter  
Material : Aluminum

## Wheels & Tires

Front : 315/80R22.5-18PR, 9.0X22.5  
Rear : 315/80R22.5-18PR, 9.0X22.5

## Steering

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Driving position | Right-hand drive                                       |
| Type             | Recirculating ball with integral Power assisted by oil |
| Steering column  | Tilt & telescopic                                      |
| Steering wheel   | 4-spoke wheel with horn button                         |

## Clutch

|                |                                                                        |
|----------------|------------------------------------------------------------------------|
| Type           | Hydraulic control with air assisted<br>Dry single plate with diaphragm |
| Plate diameter | Out side diameter: 430mm                                               |

## Suspension

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Front suspension | Type : Tapered leaf spring<br>Size (LxW): 1,500x90(mm) |
| Rear suspension  | Type : Tapered leaf spring<br>Size (LxW): 1,620x90(mm) |

## Electrical System

|            |                   |
|------------|-------------------|
| Batteries  | 12 volt-170Ah x 2 |
| Alternator | 24 volt / 80 amp  |
| Starter    | 24 volt / 7.0 kW  |

## Coupler

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Make and Type    | Rollingless 2"                                                   |
| Loading capacity | 20 ton<br>(option : Universal 2",<br>Universal/Rollingless 3.5") |



## Dimensions (mm)

|    |                                       |       |
|----|---------------------------------------|-------|
| OL | Overall length                        | 6,820 |
| OW | Overall width                         | 2,570 |
| OH | Overall height                        | 3,395 |
| FT | Tread – front                         | 2,035 |
| RT | Tread – rear                          | 1,905 |
| WB | W heel base                           | 4,565 |
| AF | Rear axle to frame                    | 685   |
| GR | Ground to roof Frame-                 | 3,395 |
| R  | ground above bogie Usable cab to axle | 1,060 |
| CA | Deck offset                           | 2,815 |
| OS | Coupler height                        | 300   |
| CH | Min. ground clearance                 | 1,270 |
| GC | Swing radius Forward                  | 240   |
|    | Rearward                              | 2,400 |
|    |                                       | 2,090 |

## Weights (kg)

|                   |       |        |
|-------------------|-------|--------|
| Curb weight       | Front | 5,250  |
|                   | Rear  | 4,350  |
|                   | Total | 9,600  |
| Axle load         | Front | 8,100  |
|                   | Rear  | 26,000 |
| Permissible G.C.W |       | 60,000 |

## Calculated Performance (@Permissible G.C.W)

|                         |      |
|-------------------------|------|
| Max. speed (km/h)       | 120  |
| Max. gradeability (%)   | 40.5 |
| Min. turning radius (m) | 7.2  |

## Frame

|              |                             |
|--------------|-----------------------------|
| Type         | Ladder type, single channel |
| Size (HxVxt) | 286x90x 7 (mm)              |

## Option (cab)

|     |           |
|-----|-----------|
| Cab | High dome |
|-----|-----------|

\*Dimension & Weight are approximate. Permissible weight includes upper body weight.  
\*Always observe national regulations on permissible axle loads and gross weight.  
\*Specifications are based on export condition and subject to change without prior notice.