

MAXIMUS KL4T8 E-II 6x4 TRACTOR HEAD



Engine

Model	DX12 (Euro II), E2E
Type	Turbo intercooler, diesel engine
Max. Power	440 ps @ 1,800 rpm 255kg.m
Max. Torque	215 kg·m @ 1,200 rpm
No. of cylinder	In-line 6 cylinders
Bore x Stroke	123×155(mm)
Displacement	11.051 cc
Controller type	Electronic
Aircleaner	Dry paper elements

Transmission

Brakes

Model	ZF12TX2610TO	Service : Full air brake. dual circuit,
Type	AMT F12/R2	ABS&ASR
1st/2 nd	12.92 / 9.98	Drum diameter : 410 mm
3rd/4 th	7.67 / 5.94	Lining width Front : 190mm
5th/6 th	4.57 / 3.53	Rear : 220mm
7th/8 th	2.83 / 2.19	Material : Non-Asbestos
9th/10 th	1.68 / 1.30	Parking : Acting on spring actuator
11th/12 th	1.00 / 0.77	at rear wheels
Reverse	12.03 / 9.29	Auxiliary: Engine brake

Axles

Front	Reverse Elliot "I" beam, Capacity : 8,100kg
Rear	Banjo single reduction
	Final drive ratio : 4.111, Capacity : 26,000kg

Fuel Tank

Wheels & Tires

Mounted on right and left	Front : 315/80R22.5-18PR, 9.0X22.5
-hand side of the frame	Rear : 315/80R22.5-18PR, 9.0X22.5
Capacity -400+400 liter	
Material : Aluminum	

Steering

Driving position	Right-handdrive
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
	Dry single plate with diaphragm
Plate diameter	Out side diameter: 430mm

Suspension

Front suspension	Type : Tapered leaf spring
	Size (LxW): 1,900x100(mm)
Rear suspension	Type : Tapered leaf spring
	Size (LxW): 1,620x100(mm)

Electrical System

Batteries	12volt-170Ahx2
Alternator	24volt /80amp
Starter	24volt /7.0kW

Coupler

Make and Type	Rollingless 2"
Loading capacity	20ton
	(option : Universal 2",
	Universal/Rollingless 3.5")



Dimensions (mm)

OL	Overall length	6,960
OW	Overall width	2,570
OH	Overall height	3,330
FT	Tread – front	2,080
RT	Tread – rear	1,850
WB	Wheelbase	4,650
AF	Rear axle to frame	685
GR	Ground to roof	3,330
R	Frame-ground above bogie	1,080
CA	Usable cab to axle	2,950
OS	Deck off set	300
CH	Coupler height	1,290
GC	Min. ground clearance	250
	Swing radius Forward	2,500
	Rearward	2,080

Weights (kg)

Curb weight	Front	4,930
	Rear	4,150
	Total	9,080
Axle load	Front	8,100
	Rear	26,000
Permissible G.C.W		60,000

Calculated Performance (@Permissible G.C.W)

Max. speed (km/h)	105
Max. gradeability (%)	38.0
Min. turning radius (m)	7.5

Frame

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

Option (cab)

Cab	Highdome
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