



## TECHNICAL DATASHEET TIM100

### TECHNICAL SPECIFICATIONS

CHARACTERISTICS	1.1	Manufacturer		TIMSAN		
	1.2	Model Type		TIM100-11	TIM100-14	TIM100-16
	1.3	Energy Source		DIESEL ENGINE		
	1.4	Drive Type		4x4		
	1.5	Electric system	V	12		
	1.6	Battery	V	12V-90 Ah		
PERFORMANCES DATA	2.1	Max Drawbar Pull	KN	80	100	115
	2.2	Traction Capacity (Wet Concrete + 1% Slope)	Ton	110	140	160
	2.3	Travel Speed (Laden/Unladen)	km/h	5/25		
	2.4	Travel Speed, Backwards	km/h	5/25		
	2.6	Service Brakes		Wet Multi-Disc Brakes on 4 Wheels		
	2.7	Parking Brake		Spring loaded hydraulic release parking brake		
MAIN DIMENSIONS	3.1	Overhall Length	mm	5110 W Tow Hitch / 4650 WO Tow Hitch		
	3.2	Overhall Width	mm	2200		
	3.3	Overhall Height with cabin	mm	2100		
	3.4	Ground Clearance	mm	200		
	3.5	Wheelbase	mm	2200		
	3.6	Outside Turning Radius - 4WS	mm	3500		
	3.7	Inside Turning Radius - 4WS	mm	1300		
	3.8	Tow hitch height	mm	AHM 916		
WEIGHT	4.1	Dead Weight (Approx)	ton	11	14	16
	4.2	Axle Loading.FRONT/REAR	kg	5500/5500	7000/7000	8000/8000
TYRES	5.1	Tyre Type		Pneumatic - Industrial		
	5.2	Tyre Size: FRONT		8.25-15	300-15	300-15
	5.3	Tyre Size: REAR		8.25-15	300-15	300-15
POWERTRAIN	6.1	Engine make&model		DEUTZ / TCD2011L04W	TÜMOSAN / 4DT-39-I-105C	
	6.2	Engine data		74,9kw@2600rpm	78 kW @ 2300 rpm	
	6.3	Cooling System		Water Cooled		
	6.4	Transmission make&model		DANA / ZF		
	6.5	Transmission data		Full automatic power shift transmission with torque converter.		
	6.6	Front axle make&model		DANA / 212 series		
	6.7	Front axle suspension		Steer-Drive Axle. Leaf spring suspension and shock absorber		
	6.8	Rear axle make&model		DANA / 212 series		
	6.9	Rear axle suspension		Steer-Drive Axle. Leaf spring suspension and shock absorber		
	6.10	Steering system		4 Mode Hydraulic Steering - F2WS - R2WS - 4WS- Crab Steering		
ADDITIONAL DATA	7.1	Fuel tank capacity	lt	100		
	7.2	Hydraulic tank capacity	lt	90		