



TECHNICAL DATASHEET TIM20E

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	1.1	Manufacturer		TIMSAN
	1.2	Model Type		TIM20E
	1.3	Energy Source		ELECTRIC
	1.4	Drive Type		4X2 Rear Wheel Drive
	1.5	Electric system	V	24
	1.6	Battery Pack Type		Lead-Acid / Lithium-Ion Optional
PERFORMANCE DATA	2.1	Max Drawbar Pull	KN	20
	2.2	Traction Capacity (Wet Concrete + 1% Slope)	Ton	27
	2.3	Travel Speed (Laden/Unladen)	km/h	5/23
	2.4	Travel Speed, Backwards	km/h	23
	2.5	Gradiability (Laden/Unladen)	%	4,5/45
	2.6	Service Brakes		Front Hydraulic Dry Disc / Rear Hydraulic Wet Multi-Disc
	2.7	Parking Brake		Electrically controlled Spring Applied Hydraulic Released (SAHR) Park Brake
MAIN DIMENSIONS	3.1	Overhall Length	mm	3455 W Tow Hitch / 3115 WO Tow Hitch
	3.2	Overhall Width	mm	1460
	3.3	Overhall Height with cabin	mm	1980 W Flashing Beacon / 1880 WO Flashing Beacon
	3.4	Ground Clearance	mm	160
	3.5	Wheel base	mm	1580
	3.6	Outside Turning Radius	mm	3450
	3.7	Inside Turning Radius	mm	1950
	3.8	Tow hitch height	mm	AHM916
WEIGHT	4.1	Dead Weight (Approx)	kg	4650
	4.2	Axle Loading.FRONT/REAR	kg	1900/2750
TYRES	5.1	Tyre Type		Pneumatic - Industrial
	5.2	Tyre Size: FRONT		6.00-9
	5.3	Tyre Size: REAR		6.50-10
POWERTRAIN	6.1	Drive Motor Rating (S2-2)	kW	26,3
	6.2	Battery DIN		DIN 43536 A
	6.3	Battery Voltage	V/Ah	80 / 620 Lead-Acid - 420 Lithium-Ion
	6.4	Battery Weight	kg	1550 (620 Ah) / 1000 (420 Ah)
	6.5	Front axle make&model		TIMSAN / T25-2500
	6.6	Front axle suspension		Leaf Spring
	6.7	Rear axle make&model		BONFIGLIOLI
	6.8	Rear axle suspension		Coil Spring with Shock Absorber.
	6.9	Steering system		Front Wheel Hydraulic Steering
ADDITIONAL DATA	7.1	Hydraulic tank capacity	lt	15
	7.2	Inching System		Inching System with Emergency Stop Button