

Main technical parameters of Sino Truk HOVA Pure Electric, Lifting And Low-speed Tractor

Mass Parameters	Curb Weight of The Whole Vehicle (kg)		10300	Cab	Model	Skeleton-based structure with fixed covering, air spring seat, air condition and single left seated design
	Axle Load Mass Distribution (kg)	Front Wheel	5860		Crew Member	1 person
		Rear Wheel	4440	Frame	Model	Welded Box Frame
	Maximum Total Mass of The Tractor (kg)		51000		Section of Main Longitudinal Beam	Box Type 350×80×10 (mm)
	Maximum Saddle Load Mass (kg)		20000		Section of Auxiliary Longitudinal Beam	Type L 335×85×10 (mm)
Maximum Axle Load Mass (kg)	Front Wheel	13000 (≈20km/h)	30000 (≈20km/h)	Width of Frame Assembly	Front and Rear 1080 (mm)	
	Rear Wheel				Model	HW7
Performance Parameters	Maximum Traction (kN)		95	Front Axle	Front Wheel Camber	1°
	Semi-trailer's Maximum Load (kg)		36000 (JNTY)		Kingpin Inclination	3°
	Minimum Turning Radius (m)		6.5		Kingpin Caster	2°
	Maximum Speed (km/h)		40		Toe (Bias Tire)	2~4 (mm)
	Maximum Available Gradient (%)		11	Rear Axle	Model	ST16 Rear Axle
	Parking Brake Gradient (%)		—		Form of Wheel Side Reducer	Rear Axle of Two-stage Deceleration on Wheel Side
	Minimum Stable Speed (km/h)		—		Speed Ratio	10.77
Size Parameters	Overall Size (mm)	Length	5765	Wheel	Rim	22.5×8.25
		Width	2550		Tyre	Model
		Height	3320 (Including high-positioned taillight)			Pressure
	Wheelbase (mm)		3600	Specification of Traction Seat	Brand	Luding/China
	Track Width (mm)	Front Wheel	2046		Model of Traction Seat	Cast Steel H3510 Pneumatic Unlocking
			1850		Lifting Cylinder	
	Minimum Ground Clearance (mm)		200		Hydraulic Pump	Gear Pump
	Approach Angle (°)		21		Controlling Valve	Combined Manifold
			48			16MPa
	Front Overhang (mm)		1350			50mm
	Rear Overhang (mm)		725			15°
	Ground Height of Traction Base (mm)		1215~1920		Maximum Vertical Load of Traction Seat (kg)	20000
			≤2000		Model	Mechanical Steering
	Radius of Rear Gyration (mm)		≥1580	Steering Gear	8098	
Power Battery	Model (Type)	Ningde Era: Lithium Iron And Phosphate		Steering System	Steering Gear Displacement / Working Pressure	200ml/r /17MPa
	Battery Capacity (Ah)	456			Steering Pump Displacement / Working	18/19
	Working Voltage (v)	618				—

	Quantity of Electricity	281.9kWh		Hydraulic Tank Volume	60L
	Charging Current (A)	Single Gun 250A、Double Gun 400A	Braking System	Service Brake	Dual Circuit Pneumatic Braking Spring energy
Drive Motor	Model	TPG-E03		Parking Brake	
	Rated Power kW/(r/min)	220		Braking Device	WABCO brake system with air dryer
	Maximum Power kW/(r/min)	360		Power of Electric Air Compressor (kW)	4
	Rated Torque (N/m)	1500		Rated Exhaust Capacity (L/min)	0.38
	Peak Torque (Nm)	2100		Auxiliary Braking	Retarding with Eddy Current
	Rated Speed (rpm)	1401		Trailer Braking	Pneumatic Braking with Double Pipe
	Maximum Speed (r/min)	3400		Rated Working Pressure	1000 kPa
	Rated Voltage (v)	650		Electrical Equipment	Line type
		Line Voltage	28±0.5V		
		Battery Voltage / Capacitance (V/Ah)	12/150		