

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 Type350×80×10(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)		Width of Frame Assembly	Front and Rear 1080 (mm)
Rear Wheel		30000(≈20km/h)	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		Kingpi 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		830 kPa
	Wheelbase (mm)		3600	Specification of Traction Seat	Brand	Luding/China
	Track Width(mm)	Front Wheel	2046		Model of Traction Seat	Cast SteelH3510 Pneumatic Unlocking
		Rear	1850		Lifting Cylinder	Two-Stage Cylinder
	Minimum Ground Clearance (mm)		200		Hydraulic Pump	Gear Pump
	Approach Angle (°)		21		Controlling Valve	Combined Manifold
	Departure Angle		48		Maximum Working Pressure	16MPa
	Front Overhang (mm)		1350		Diameter of Traction	50mm
	Rear Overhang (mm)		725		Longitudinal Swing	15°
	Ground Height of Traction Base(mm)		1215~1920		Maximum Vertical Load of Traction Seat (kg)	20000
	Radius of Front		≤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 Pressure	18/19
	Working Voltage (v)	618			Inner diameter of	

	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 storage Air Brake
Drive Motor	Model	TPG-E03		Parking Brake	WABCO brake system with air dryer
	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		