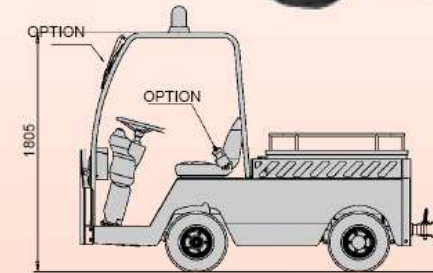




ELECTRIC TRACTOR TE 130

TOWING CAPACITY Kg. 13000



ELECTRIC TRUCK TE 130

This high-performance and long-range truck is extremely compact and easy to drive, just like every other **SIMAI** truck while still permitting, within a small sized vehicle, excellent ergonomics for the driver and plenty of room for 2 people even when in a closed cabin.

Equipped with elastic suspensions - front axle being with helical springs enclosed in rubber and torsion bar and rear axle with 4 special **SUMOR** springs and oversized tyres, thus ensuring easy and safe steering, even on uneven floorings.

Column with steering wheel "on the left", adjustable both in height and angle, fitted with a compact panel containing full instrumentation: circuit lock key, hour counter, battery charge indicator, check control for immediate detection of any fault or breakdown, lights switch, turn indicators, handbrake warning light, DC/DC converter malfunction warning light, rear control consent for slow approach (optional: electrolyte level gauge- Level Check)

Lights complete, automobile type.

Secondary circuit, 24 V, from battery with DC/DC converter.

The TE130 truck is available both in the basic version, as well as with sides open cabin, (perimetral plastic protection as an option), double hinge-opening, or with sliding side with swing doors and rearview mirrors. Both cabins are equipped with glass windshield to approved standards and electrically operated wipers. The battery box is located behind the driver's seat, outside the cabin, with very low centre of gravity, thus being easily accessible.

Standard tow hook, approved, with pin, or optionally, special and/or automatic hooks can be supplied.

Rear control with Push-button for slow approach (FORWARD/REVERSE) to ease docking operations.

Standard hydraulic steering.

Front axle: mounted on swinging arm, centered on rubber support, elastically attached to the frame by rubberised helical springs.

Rear axle: forms a unit with the motor/drive, elastically attached to the frame by means of **SUMOR** springs.

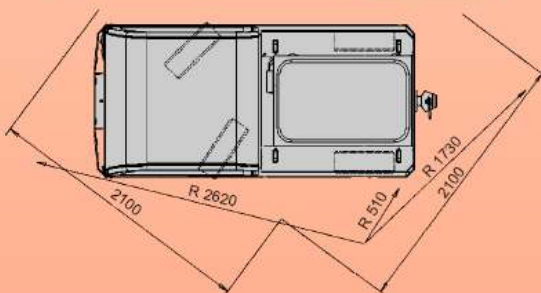
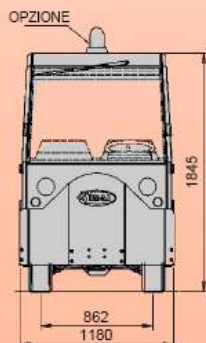
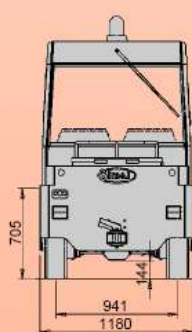
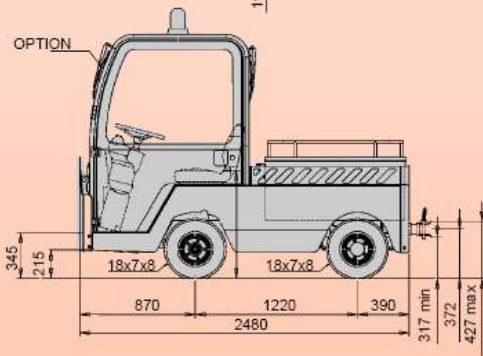
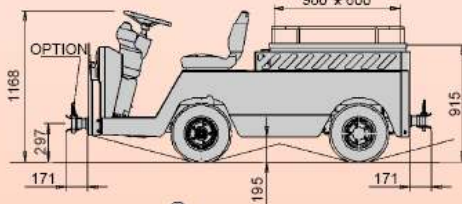
Speed control with Mosfet HF electronic inverter with reverse energy recovery to battery.

"Man on board" device, under seat or on request with pedal.

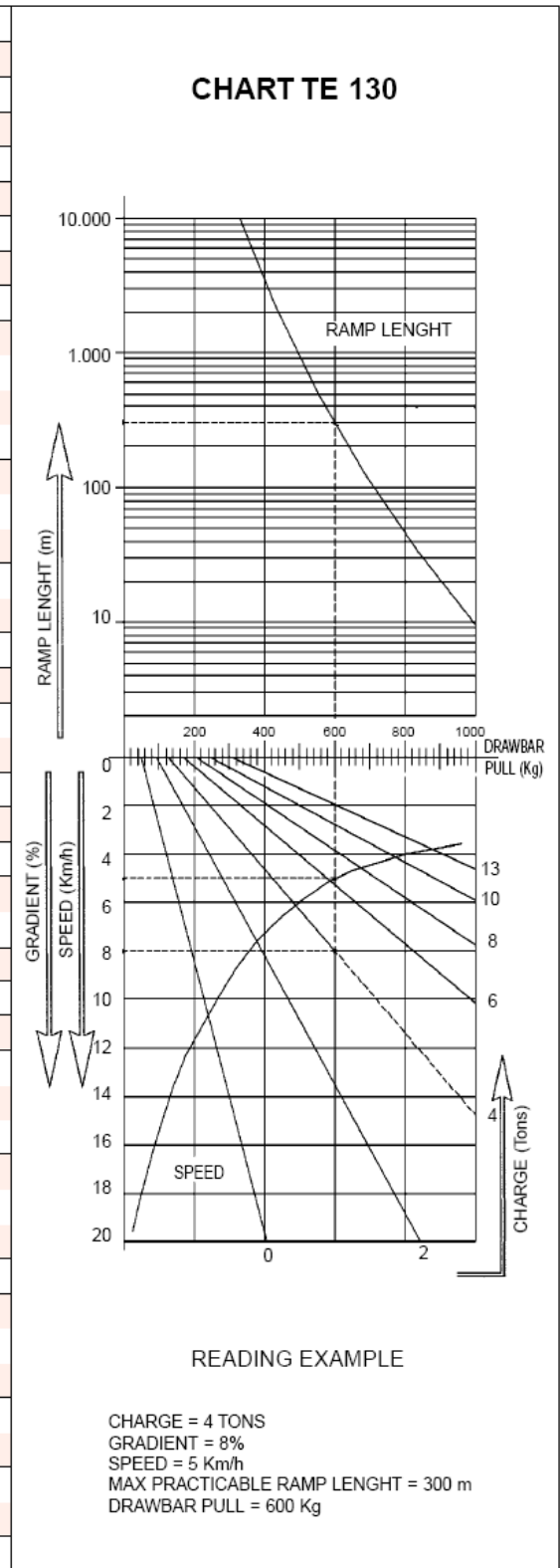
Service brake with brake pedal and double pump casing, acting on all 4 wheels, double circuit, with expansion-type braking blocks.

Electric braking, preset, operating automatically when accelerator pedal is released, with brake pedal's first stroke, and on reversing direction.

Standard paint: RAL grey 7021/7035; other colours on request (optional). The design of **SIMAI** machines aims at standardisation and accessibility of components (modular assembly). All **SIMAI** machines are built and certified to the Machines Directive and bear the CE brand.



FEATURES	1	Manufacturer	SIMAI SpA	
	2	Model	TE 130	
	3	Towing capacity	S2=60' - t	13
	4	Power supply	ELECTRIC AC	
	5	Type of control	SITTING DRIVER	
	6	Tyre equipment	PN= Pneumatic SE=Superelastic	PN/SE
	7	Wheels	front/rear nr X-motive wheels	2/2X
	8	Platform size	length x width	mm. 980x600
DIMENSIONS	9	Platform height	mm.	915
	10	length	mm.	2480
	11	Overall dimension	width	mm. 1180
	12	height	mm.	1845/1805
	13	height steering wheel	mm.	1168
	14	Turning radius	R1 front	mm. 2620
	15		R2 rear	mm. 1730
	16		R3 inner	mm. 510
	17	Aisle width	L1 fore 90°	mm. 2100
	18		L2 rear 90°	mm. 2100
	19	Wheelbase		mm. 1220
	20	Track	front/rear	mm. 862/941
	21	Ground Clearance	laden lowest point	mm. 144
	22		centre	mm. 195
PERFORMANCES	23	Speed	travel unladen/laden (20t)	Km/h. 18/9
	24	Drawbar pull	per hour	Kg. 260
	25	Max Drawbar pull	acceleration	Kg. 950
	26	Gradeability	max unladen	%
			max laden	% see the chart
	27	Autonomy	50% unladen 50% laden	Km. 28
	28	Weight unladen	standard battery included	Kg. 1716
	29	Axle loading	front/rear	Kg. 775/941
	30		front/rear	n° 2/2
	31	Tyre equipment	dimensions front	18x7x8
32		dimensions rear	18x7x8	
33		service-parking	FOOT/HAND	
34	Brakes	mechanical (M) hydraulic (I)	I/E	
35		type	DRUM	
36	Suspensions	axle front/rear	HELICAL/SUMOR	
TRANSMISSION	37	Volt/Amper hour	V/Ah. 80/220-240-320	
	38	Battery	Weight	Kg. 755
	39		type	ARMOURED
	40	Motor	drive: power rate S2=60'	KW 9 AC
	41		hydr. steering: power rate S2=60'	KW 1
	42	Speed control	type	INVERTER
	43		nr. gear speed forward/reverse	1-1
	44	Trasmission	type	RED. GEAR



Dimensions are not binding and can be changed in any moment. The performances must be intended for brand new machines, after having completed the running-in tested in Milan Factory in normal climatic conditions. Performances and weight are to be intended with standard motors and battery (reported in bold) and with pneumatic tyres. Some data can vary according to different equipments.