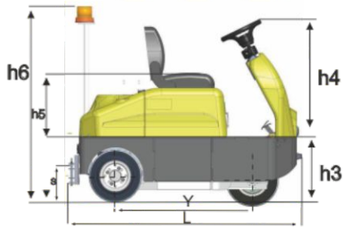
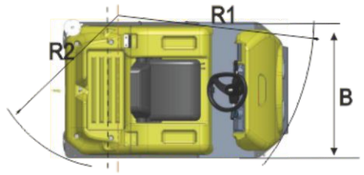
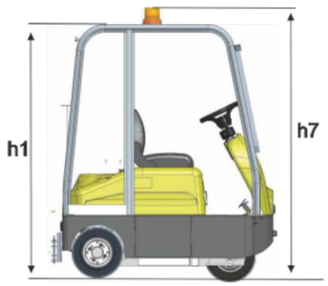
BULL 7
BULL 7 CAB

ELECTRIC TRACTORS

CHARACTERISTICS		dim.un.	
Manifacturer			
Model			Bull7
Platform loading capacity	Nominal capacity	Kg.	-----
Pull capacity	Load nominal capacity	Kg.	7000
Power type	Electric/Endothermic		Elettr.
Control type	Pedestrian/stand-on/Seated		sitting
Tyres	Pn - pneum. / se - superel.		Se-Se
Wheels	Number front/rear X=drive	Nr.	3 - 1/2x
Platform dimensions	L x B (lenght x width)	mm.	-----
DIMENSIONS			
	h= machine body hight	mm.	-----
	L= lenght	mm.	1790
	B=width	mm.	1030
	h 3 = feet panel hight	mm.	490
	h 4 = steering/handle hight	mm.	760
	h 2 = thiller hight		-----
	h 5 = seat hight	mm.	450
	h 6 = turning light hight	mm.	1480
	h 7 = cabin turning light hight	mm.	2140
	h 1 = cabin hight	mm.	1990
	h 9 = cabin width	mm.	1040
Turning radius	R1= front min. external	mm.	1750
	R2=rear min. external	mm.	1150
	R3=rear min.internal	mm.	276
Aisle width	U-turn	mm.	2875
Hook hight	s = hook center to ground	mm.	260-405
PERFORMANCE			
Speed	Without / with load	Km./h	15-8
Tractive effort	Continuative work 60'	N.	1700
	Max in plane x 5"	N.	5000
Gradeability	Without/width	%	20-5
Weight	With battery	Kg.	1300
Axles load	Front/rear with battery	Kg.	550-750
TRACTION			
Wheels	Front diam./ width	mm.	390/130
	Rear diam./ width	mm.	406-125
Wheelbase	y = pitch	mm.	1038
Trach	C posterior wheels center	mm.	870
Graund clearence	clearence at half chassis	mm.	100
Working brake	Mecc./hydraul./elettr.		hydraul.
	Brake axles number	N.	2
Parking brake	Mecc./hydraul./elettr.		elettr,
Suspensions	Spring/laf spring/schock absorber		schock absorber
POWER SUPPLY			
Battery	Type		Renforced
	Capacity	V./Ah.	48-375(C5)
	Weight	Kg.	560
Elettric motor	Translation,power S2=60°	Kw.	5,0 AC
Electric system	electronic control	Inverter AC	Inverter AC
Steering	Mecc./hydraul./elettr.		Mechanics
Transmission	Mecc.		Mechanics
Towing hook	manual - automatic		Manual
Autonomy	working hours witm medium work	h.	6-8







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ELECTRIC TRACTORS

Tractor with excellent characteristics, both as to performance and long-lasting reliability. Bull 7 can tow 7 tons, can be used indoors and outdoors and is able to climb steep slopes.

Its high-capacity battery allows it to continue operating for a considerable time. This is the machine we recommend when lots of work must be done and medium-long distances need to be covered. The battery can be removed either vertically or sideways for replacement. If the battery is removed sideways, we can supply a roller unit on request so that it can be conveyed to the recharging area.
The machine has bumper suspensions allowing the operator to work in comfort even on irregular floor surfaces.
It can be equipped with various optionals, such as the Rockinger hitch, starting by badge, indoor outdoor speed selector and many other features. The machine can also be fitted with a cab available in three versions: open, with PVC doors or steel/glass doors. Depending on the type, the cabs are equipped with rear view mirrors, windscreen wipers, revolving beacon, heating system and various other optionals available on request.

BULL 7 - BULL 7 CAB

CHASSIS: in very thick metal sheet forming a self-supporting box structure.
SUSPENSIONS-WHEELS: the machine is elastically supported by the rear transmission axle and front steering wheel thanks to the addition of rubber springs. The wheels are the black or no-marking superelastic type.
TRANSMISSION: the vehicle is driven by an AC motor directly flanged on the differential axle.
The asynchronous motor has an electric brake that acts as a parking brake.
It also has an Encoder that interfaces with an electronic control unit and allows the system to adjust the speed of the motor so that the tractor speed corresponds to the driver's requirements in all conditions of use.
ELECTRIC SYSTEM: an AC chopper monitors the performance of the motor. The entire chopper/motor/brake system can be programmed via the console so as to ensure optimum performance for the specific work required.
BRAKE SYSTEM: a pump, activated by the operator using a pedal, controls the front hydraulic drum brake and two rear brakes by means of two circuits. The electric system allows the motor to also act as a brake when the accelerator is released: in this case, the braking action is regenerative.
INSTRUMENTATION: complete motor car type instrumentation including low battery warning indicator, hours worked and fault indicators, hare / tortoise indicator, horn, light switch, turn indicator switch.
DRIVER'S POSITION: generously sized cushioned seat with seat belt and mounting step to facilitate entry.
POWER SUPPLY: a 48 V 375 A battery with considerable autonomy allows the tractor to operate for a long period of time and thanks to its large capacity, will not normally be subjected to stress. This makes it extremely long-lasting.
SAFETY DEVICES: seat occupancy micro, maximum speed selector on request, battery quick release device, battery safety retainer, double brake circuit, AC system for speed control, automatic parking brake.

BULL 7

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