

BULL 1-2-3

T R A C T O R



Chassis

In steel tubular electric arc welded, form a rigid load bearing structure. The particular structure permit an easy access to the components.

Traction unit

Made of a expressly studied differential to obtain reliability and silence, moved by a motor of high performances and length. Service brake drums, are placed on rear wheels and applied by a pedal. Parking brake is applied mechanically by a lever.

Drive place

It is created to give an excellent comfort and it is provided of a small

arm chair and spaces for goods; the desk board is supplied with a battery discharge indicator and an hour meter.

Start key, direction lever, light switch complete equipment.

Steering

Is mechanically reduced, so it is exact and light in the same time. The big steering angle permit U-turn in very small aisle.

Wheels

Pluriply high pressure, are of big dimensions and reability.

On demand we can supply wheels with superelastic cover that give life and grip without

decrease the comfort.

On demand no-marking superelastic wheels.

Electric system

Made principally of high reliability electronic control and remote control switch, permits very high precision movement of the tractor.

It has been studied to prevent any type of defects during the work, in case of failure the electronic control inhibits the movement.

Safety devices

The tractor complain with accidents prevention specification rules with regard to components, performance and stability.



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TRACTOR



CHARACTERISTICS

		U.	BULL 1	BULL 2	BULL 3
Manufacturer	DEC				
Model	Bull				
Platform loading cap.	Nominal capacity	kg			
Pull capacity	Pull nominal capacity	kg	1000	2000	3000
Power type	Electric - endothermic		Electric.	Electric.	Electric.
Control type	Standing/seated thiller/steer		seated/steer	seated/steer	seated/steer
Tyres	Pn=pneum. Se=superelastic.		Pn	Pn	Pn
Wheels	N.front/rear - x drive		1/2X	1/2X	1/2X
Platform dimensions	L x B (length x width)	mm			

DIMENSIONS

		mm			
Platform high	h = unload clearance	mm			
Overall dimensions	L = length	mm	1500	1500	1600
	B = with	mm	900	900	930
	h 1 = cabin high	mm	1820	1820	1960
	h 3 = foot level	mm	310	310	340
	h 4 = steer high	mm	1250	1250	1330
Turning radius	R 1 = front min. external	mm	1400	1400	1500
	R 2 = rear min. external	mm	1000	1000	1000
	R 3 = front min. internal	mm	400	400	400
Aisle width	A = 180° turn	mm	2200	2200	2300
Tow hook high	s = Center from ground	mm	220-350-490	220-350-490	240-380-520

PERFORMANCE

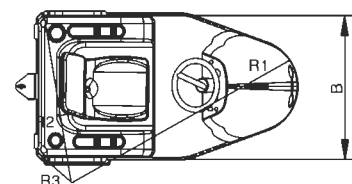
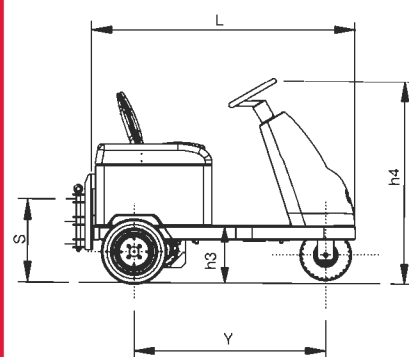
		km/h			
Speed	Without / with load	km/h	12 - 6	12 - 6	14/8
Drowbar pull	Continuative work 60'	kg	75	90	120
towing effort	Work for 5' in plane	kg	120	150	200
Gradeability	Without / with load	%	10/5	10/5	12/4
Weight	With battery	kg	500	550	670
Axle loads	Front / rear	kg	150/350	160/390	175/495

TRACTION

		mm			
Tyres	Front diameter / width	mm	312/116	312/116	360/150
	Rear diameter / width	mm	414/121	414/121	414/150
Wheel base	y = center	mm	1070	1070	1170
Tread	Centre of rear wheels	mm	710	710	0 / 710
Ground clearance	Lowest point	mm	240	240	250
	Centre of wheel base	mm	240	240	250
Service brake	Mech./hydraul./ electric		mech./hydraul.	mech./hydraul.	mech./hydraul.
	Braking axle number	n.	1	1	1
Parking brake	Mech./ electric		manual by lever	manual by lever	manual by lever
Suspensions	Sprigs/ schock absorber				
Steering	Mech./electr. thiller/steer		mech.	mech.	mech.

PROPULSION

Battery	Type		reinforced	reinforced	reinforced
	Capacity	V/Ah	24/200	24/250	24/325
	Optional capacity		24/250		
	Weight	kg.	150/200	200	250
Electric motor	Translation, power S2=60'	kw	1,2	2	3
	Steering	kw			
Electric system	Brand		Zapi	Zapi	Zapi
Speed gear	Chopper		chopper	chopper	chopper
Transmission	Mechanic / hydraulic		mech.	mech.	mech.
Tow hook	Manually / automatic		manual	manual	manual
Autonomy	Average load hours	h	6/8	6/8	6/8



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DEALER