

BULL 6-8

T R A C T O R



Chassis

In steel plate, arc welded, form a rigid load bearing structure. The particular structure permit a perfect access to all the components. In the model **Bull 6** the anterior wheel is supported by a rotating support to the frame by a big thrust block bearing. In the **Bull 8** model the amortized suspension is made by steel welded plate with hubs, bushes, sizeable dimensions axles.

Traction unit

Made of expressly studied differential to obtain reliability and silence. Moved by a motor of high performance and length. The motor, A.C. type, is provided with an encoder and a thermal valve that are in contact with the electronic control system. Rear axle is connected to the frame through rods and the chassis rests on the axle through rubbers bumpers.

Drive place

It is created to give an excellent comfort

is provided with a suspended chair with belts. The desk board have a work hour meter, the battery charge indicator and possible faults.

The equipment is completed with a control direction lever, start key, light switch, horn bottom.

Steering

For the model **Bull 6** is mechanical with pinion and crown gear, light and precise steering.

For the model **Bull 8** is with power steering: an hydraulic group move a jack under the control of a steering unit. In both the models the U-turn is made in very narrow aisles.

Electric system

Principally provided with electronic A.C. control that together with a special motor grants to the tractor power at all speeds, good maximum speed, movements control, descend speed control, braking energy recovery, counter current.

Braking system

Composed by hydraulic drum brakes grants perfect braking and reliability in every conditions.

Twin hydraulic circuit, only on the rear axle for **Bull 6** and on the two axle for **Bull 8**. Mechanical service brake by lever.

Wheels

Super elastic 4.00-8 assembled on screwed rims.

Autonomy

The tractor is provided with a large 48 V battery that grant a big autonomy; the lateral battery extraction permit an excellent service and a fast replacement.

Safety devices

The tractors complies with actual prevention rules with regards to components, performances and stability.



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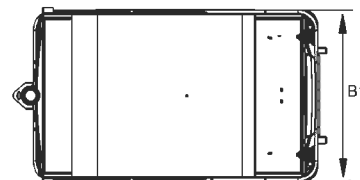
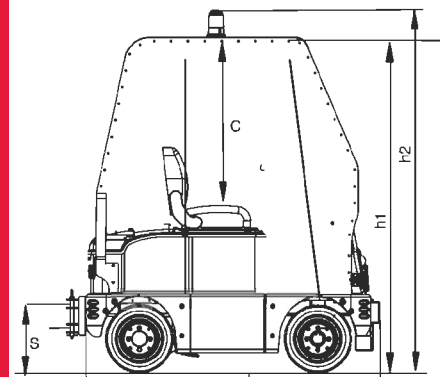
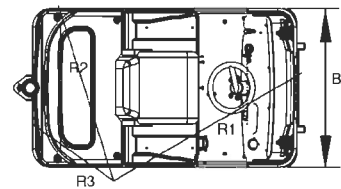
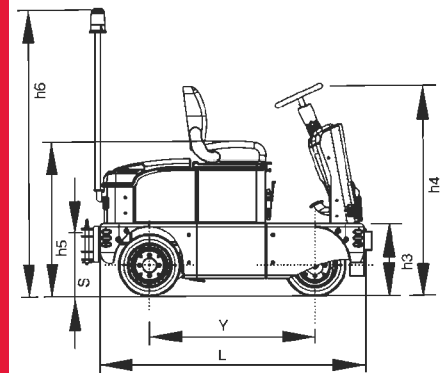
New address: via Omero - 41100 MODENA - Italy

BULL 6-8

TRACTOR



CHARACTERISTICS		U.	BULL 6	BULL 8
Manufacturer	DEC			
Model	BULL		BULL 6 / 3 ruote	BULL 8 / 4 ruote
Platform loading cap.	Nominal capacity	kg	---	---
Pull capacity	Pull nominal capacity	kg	6000	8000
Power type	Electric/endothermic		electric	electric
Control type	Pedestrian/seated		steer.wheel-seat	steer.wheel-seat
Tyres	Pn=pneum. Se=superelastic		Se	Se
Wheels	N.front/rear x drive	n.	3-1/2-X	4-2/2-X
Platform dimen.	L x B (length x width)	mm	---	---
DIMENSIONS				
Blinking height	h 6	mm	---	---
Overall dimensions	L = length	mm	1692	1692
	B = width	mm	1020	1020
	h 3 = foot level	mm	470	470
	h 5 = seat height	mm	940	940
	h 4 = steering wheel height	mm	1250	1250
Turning radius	h 1 = height of the cabin	mm	1960	1960
	R 1 = rear min. external	mm	1750	2010
	R 2 = rear min. external	mm	1150	1520
Aisle width	R 3 = front min. internal	mm	276	545
	A = 180° turn	mm	2875	3574
Tow hook height	heights of the hook	mm	260-405	260-405
PERFORMANCE				
Speed	Without / with load	km/h	15/8	16/8
Drowbar pull	Continuative work 60'	N	1600	2100
Drowbar pull	Work for 5' in plane	N	3400	4000
Gradeability	Without / with load	%	20/4	20/4
Weight	With battery	kg	1300	1500
Axles loads	Front / rear	kg	550/750	700/800
TRACTION				
Tyres	Front diameter / width	mm	406/125	406/125
	Rear diameter / width	mm	406/125	406/125
Wheel base	y = center	mm	1060	1060
Wheel track	Centre of wheels front / rear	mm	876	876 / 876
Ground clearance	Lowest point	mm	120	120
	At centre of wheelbase	mm	120	120
Service brakes	Mech./ hydraulic/electronic		hydraul./elettr.	hydraul./elettr.
Braking axle number	Nr	1	2	2
Parking brakes	Mech./ hydraulic/electronic		mech. lever	mech. lever
Suspensions	Springs / shock absorber		rear shock abs.	rear shock abs.
PROPULSION				
Battery	Type		reinforced	reinforced
	Capacity	V/Ah	48V / 375Ah	48V / 375Ah
Electric motor	Weight	kg	560	560
	Translation, power S 2 = 60'	kw	6 AC	8 AC
Electric system	Powersteering	kw	---	1
	Electronic		Chopper AC	Chopper AC
steering system	Mecch./hydr.		hydraulic	hydraulic
Speed gear	Front / rear		mech.	mech.
Transmission	Mechanic / hydraulic		1/1	1/1
Tow hook	Manual / automatic		man.	man.
Autonomy	Average load	h	6/8	6/8



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