



ELECTRIC TRACTORS

BULL 7 BULL 7 CAB

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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| CHARACTERISTICS | | dim.un. | |
|---------------------------|-----------------------------------|-----------------|-------------|
| Manufacturer | | | |
| 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 |
| Ground clearance | clearence at half chassis | mm. | 100 |
| Working brake | Mecc./hydraul./elettr. | hydraul. | |
| | Brake axes number | N. | 2 |
| Parking brake | Mecc./hydraul./elettr. | elettr. | |
| Suspensions | Spring/laf spring/schock absorber | schock absorber | |
| POWER SUPPLY | | | |
| Battery | Type | Reinforced | |
| | Capacity | V./Ah. | 48-375(C5) |
| | Weight | Kg. | 560 |
| Electric 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 with medium work | h. | 6-8 |

