

ELECTRIC TRACTORS



BULL 5-4w
BULL 5-4wCAB



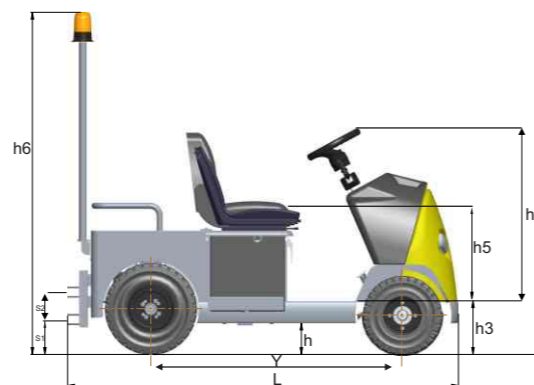
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ELECTRIC TRACTORS

The **Bull 5/4W** is a four wheels electric tractor with suspension. It born to be a mean of towing totally stable and sure in every conditions, so it is particularly suitable for external use or difficult road. The cabin , on demand , is necessary to work under bad weather condition. Although small, the machine can transport two persons. Despite their four wheels, its very good turning radius permit to the machine to work in the best wayinside and outside. The tractor can towing 5 tons and is able to climb steep slopes. The control unit and motors feature the AC system, allowing the motor to not only drive the machine but also to act as a regenerative brake at accelerator release. The dashboard features an interactive display that provides information about the battery charge, hours worked, instantaneous speed , service conditions and technical faults. It also allows the operator to select the maximum speed for indoor and outdoor use. The battery, even if high capacity can be charged by a high capacity charger high frequency and easily replace thanks to lateral and vertical extraction.









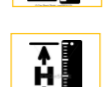

| CHARACTERISTICS | | dim.un. | |
|---------------------------|-----------------------------------|------------------|--------------|
| Manufacturer | | | |
| Model | | BULL5 4w | |
| Platform loading capacity | Nominal capacity | Kg. | 200 |
| Pull capacity | Load nominal capacity | Kg. | 5000 |
| Power type | Electric/Endothermic | electric | |
| Control type | Pedestrian/s tand-on/Seated | seated | |
| Tyres | Pn - pneum. / se - superel. | se/pn | |
| Wheels | Number front/rear X=drive | Nr. | 4 - 2/2x |
| Platform dimensions | h6 (lenght x width) | mm. | 500x920 |
| DIMENSIONS | | | |
| | h= machine body hight | mm. | 175 |
| | L= lenght | mm. | 2000 |
| | B=width | mm. | 965 |
| | h 3 = feet panel hight | mm. | 290 |
| | h 4 = steering/handle hight | mm. | 880 |
| | h 2 = thiller hight | | |
| | h 5 = seat hight | mm. | 500 |
| | h6=hight turning light | mm. | 1750 |
| | h 7 = cabin turning light hight | mm. | 2100 |
| | h 1 = cabin hight | mm. | 1800 |
| | h 9 = cabin width | mm. | 1000 |
| Turning radius | R1= front min. external | mm. | 2200 |
| | R2=rear min. external | mm. | 1300 |
| Aisle width | U-turn | mm. | 3170 |
| Hook hight | s = hook center to ground | mm. | 205-340 |
| PERFORMANCE | | | |
| Speed | Without / with load | Km./h | 12/6 |
| Tractive effort | Continuative work 60' | N. | 1800 |
| | Max in plane x 5" | N. | 3500 |
| Gradeability | Without/width | % | see diagrams |
| Weight | With battery | Kg. | 900 |
| Axles load | Front/rear with battery | Kg. | 350-650 |
| TRACTION | | | |
| Wheels | Front diam./ width | mm. | 400x103 |
| | Rear diam./ width | mm. | 470x130 |
| Wheelbase | y = pitch | mm. | 1300 |
| Trach | C posterior wheels center | mm. | 800 |
| Grund clearance | clearence at half chassis | mm. | 175 |
| Working brake | Mecc./hydraul./elett. | Hydraulic | |
| | Brake axles number | N. | 1 |
| Parking brake | Mecc./hydraul./elett. | Elett. | |
| Suspensions | Spring/laf spring/schock absorber | schock abs orber | |
| POWER SUPPLY | | | |
| Battery | Type | Reinforced | |
| | Capacity | V./Ah. | 24-360(c5) |
| | Weight | Kg. | 220 |
| Electric motor | Translati.on.power S2=60° | Kw. | 3,5 |
| Electric system | electronic control | Inverter AC | |
| Steering | Mecc./hydraul./elett. | Mechanics | |
| Transmission | Mecc. | Mechanics | |
| Towing hook | manual - automatic | Manual | |
| Autonomy | working hours witm medium work | h. | 6-8 |



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-  Platform capacity 250 Kg
-  Interactive display
-  Extra diameter wheels
-  Possibility of double seates
-  Totally amortized on bumper
-  Low level feet panel 27cm
-  Low level cabine roof ,180cm
-  Vertical and lateral extraction battery

