



TBR30EA / TBR45EA

Electric Tractor 3.0 / 4.5t

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| Distinguishing mark | | | | | |
|---------------------|---|-----------|---|-----------------------|-----------------------|
| 1.1 | Model designation | | TBR30EA | TBR45EA | |
| 1.2 | Drive unit | | Electric | Electric | |
| 1.3 | Type of operation | | Standing | Standing | |
| 1.4 | Rated capacity | Q t | 3 | 4.5 | |
| 1.5 | Rated drawbar pull | F N | 600 | 900 | |
| 1.7 | Wheelbase | y (mm) mm | 975 | 975 | |
| Weight | | | | | |
| 2.1 | Service weight (include battery) | | kg | 760 | 850 |
| 2.2 | Axle loading, laden driving side/loading side | | / | | |
| 2.3 | Axle loading, unladen driving side/loading side | | kg | 480 / 280 | 530 / 320 |
| Types,Chassis | | | | | |
| 3.1 | Tyre type driving wheels/loading wheels | | PU/PU | PU/PU | |
| 3.2 | Tyre size, driving wheels (diameter*width) | | mm | Φ230x90 | Φ230x90 |
| 3.3 | Tyre size, loading wheels (diameter*width) | | mm | 2x Φ204x76 | 2x Φ204x76 |
| 3.5 | Wheels, number driving/loading (x=drive wheels) | | mm | 1x+ 2/2 | 1x+ 2/2 |
| 3.6 | Track width, front,driving side | | b ₁₀ (mm) mm | / | / |
| 3.7 | Track width,rear,loading side | | b ₁₁ (mm) mm | 708 | 708 |
| Dimensions | | | | | |
| 4.8 | standing height | | h ₇ (mm) mm | 166 | 166 |
| 4.9 | Height drawbar in driving position min./max. | | h ₁₄ (mm) mm | 1220 | 1220 |
| 4.12 | Tow coupling height scope | | h ₁₀ (mm) mm | 188 / 233 / 277 / 322 | 188 / 233 / 277 / 322 |
| 4.19 | Overall length | | l ₁ (mm) mm | 1282 | 1282 |
| 4.21 | Overall width | | b ₁ / b ₂ (mm) mm | 800 | 800 |
| 4.32 | Ground clearance, center of wheelbase | | m ₂ (mm) mm | 66 | 66 |
| 4.35 | Turning radius | | Wa (mm) mm | 1168 | 1168 |
| Performance data | | | | | |
| 5.1 | Travel speed, laden/ unladen | | km/ h | 5 / 7 | 4.5 / 5 |
| 5.5 | Drawbar pull, laden/unladen | | N | 600 | 900 |
| 5.6 | Max. drawbar pull, laden/unladen | | N | 2000 | 2600 |
| 5.7 | Gradeability, laden/unladen | | % | 3/15 | 3/15 |
| 5.10 | Service brake type | | | Electromagnetic | Electromagnetic |
| Electric-engine | | | | | |
| 6.1 | Drive motor rating S2 60 min | | kW | 2.5 | 2.5 |
| 6.3 | The maximum allowed size battery | | mm | 740*350*620 | 740*350*620 |
| 6.4 | Battery voltage/nominal capacity K5 | | V/Ah | 24 / 210 | 24 /280 |
| 6.5 | Battery weight | | kg | 260 | 330 |
| Addition data | | | | | |
| 8.1 | Type of drive unit | | | AC | AC |
| 10.5 | Steering type | | | Electronic | Electronic |
| 10.7 | Sound pressure level at the driver's ear | | | 74 | 74 |
| 10.8 | Towing coupling, type DIN 15170 | | | Bolt type | Bolt type |

Note: For detailed customization, features and benefits of the truck, please contact your local dealership for more information.

Engineered for **RAPID** performance and ready for everyday **DEMANDS**

Available in two different chassis, **3.0 & 4.5 Tonnes**, the new **BRAZOS series stand on tow tractor** is a perfect option to bestow operator with the appropriate strength to execute towing operations of almost any mobile loads. Its **unique pivoting control arm** equipped with reliable **electric powersteering** allows the operator to adjust his stance comfortably within the spacious compartment while piloting the truck.

The tow tractor is manufactured with a perfect blend of **competitive short turning radius**, and fitted with a **quick release tow pin** that can be hooked or unhooked without getting off the truck. It helps to **save time** and **eliminate unnecessary handling steps**, and the operator can accelerate off instantly upon every completion of each work cycle.



✓ Operator Safety

- **Safety foot switch** ensures operator to adopt safe standing position
- **Automatic travel speed reduction** activates when the truck maneuver in a curved path
- **Anti-roll back system** keeps the truck steady on ramp movement and prevents it from rolling backward
- **Standard headlight** to ensure sufficient forward illumination for the operator while travelling
- **Sturdy load wheels design** helps to maintain the truck stability
- **Standard signal lights** for added directional warning to others headed towards the truck direction

✓ Compact Controls

- **Electric power steering with short control handle** offers effortless steering to relieve operator from fatigue
- **Multifunctional control handle** allow the operator to multitask travel and to steer at the same time

✓ Quick Battery Change

- **Side battery change design** allows efficient change of battery easily and safely

✓ Easy Maintenance & Improved Reliability

- **Low platform with ample standing space** offers easy on-off access for the operator
- **Cushioned platform and backrest** relieves operator from physique stress
- **Quick release tow pins** facilitates unlocking & locking of the tow hook easily without walking out of the compartment
- **Removable one piece power head cover** allows for easy maintenance
- **Robust & maintenance free AC traction motor** allows smooth travel transition from point to point
- **Plug in diagnostics** shorten time required for troubleshooting
- **AMP connectors and durable electrical harnesses** for greater reliability
- **Standard Battery discharge indicator** (*Indicates operating hours, battery level and error code)

KEY productivity Options:

- Travel alarm
- Amber warning light
- Enhanced battery capacities: 280Ah/360Ah/480Ah
- Side battery change trolley
- Rubber / Non-marking drive tire



