



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
1.6	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
3.4	Wheels, number driving/loading (x=drive wheels)		mm	1x+ 2/2	1x+ 2/2
3.5	Track width, front,driving side	b ₁₀ (mm)	mm	/	/
3.6	Track width,rear,loading side	b ₁₁ (mm)	mm	708	708
Dimensions					
4.1	standing height	h ₇ (mm)	mm	166	166
4.2	Height drawbar in driving position min./max.	h ₁₄ (mm)	mm	1220	1220
4.3	Tow coupling height scope	h ₁₀ (mm)	mm	188 / 233 / 277 / 322	188 / 233 / 277 / 322
4.4	Overall length	l ₁ (mm)	mm	1282	1282
4.5	Overall width	b ₁ / b ₂ (mm)	mm	800	800
4.6	Ground clearance, center of wheelbase	m ₂ (mm)	mm	66	66
4.7	Turning radius	Wa (mm)	mm	1168	1168
Performance data					
5.1	Travel speed, laden/ unladen		km/ h	5 / 7	4.5 / 5
5.2	Drawbar pull, laden/unladen		N	600	900
5.3	Max. drawbar pull, laden/unladen		N	2000	2600
5.4	Gradeability, laden/unladen		%	3/15	3/15
5.5	Service brake type			Electromagnetic	Electromagnetic
Electric-engine					
6.1	Drive motor rating S2 60 min		kW	2.5	2.5
6.2	The maximum allowed size battery		mm	740*350*620	740*350*620
6.3	Battery voltage/nominal capacity K5		V/Ah	24 / 210	24 /280
6.4	Battery weight		kg	260	330
Addition data					
7.1	Type of drive unit			AC	AC
7.2	Steering type			Electronic	Electronic
7.3	Sound pressure level at the driver's ear			74	74
7.4	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.
Improvement made to truck may result in changes to the truck parameters.

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 drive tire

