



# Rider Tow Tractor

ELECTRIC RIDER TOW TRACTOR

10,000LB

AC EPS

## Mächtig Series

### Mächtig means Power.

The Stärke Mächtig includes German engineering and design aspects which power over the competition in strength, versatility and usability. This electric tow tractor is perfect for manufacturing plants, warehouses and distribution centers, which depend on their tuggers to keep product moving. Shift after shift, the Mächtig will keep pace with your busy environment.

For everything you pull, tug or tow, Stärke Tow Tractors are built to power through your toughest applications.



UTT45H

### FEATURES

#### Towing Capacity

- 10,000 lbs

#### Wheels

- Front - Polyurethane
- Back - Rubber

#### Weight with Battery

- 2200 lbs

#### Battery

- 24/560aH

#### Controls

- Electric power steering
- canBUS programmable control
- Flexible steering
- Non-slip and shock proof pedal
- Manual step-less speed control

#### Frame

- Hip cushions are reversible and can be adjusted to the height of the driver
- Equipped with warning lights
- Convenient easy access side battery
- Length 57"
- Width 32.7"
- Turning radius 49"

#### Powertrain/electrical

- AC brushless motor
- Regenerative braking promotes longer battery life
- Travel speed 8.7mph unloaded, 5.6 mph loaded
- 5.6 HP motor

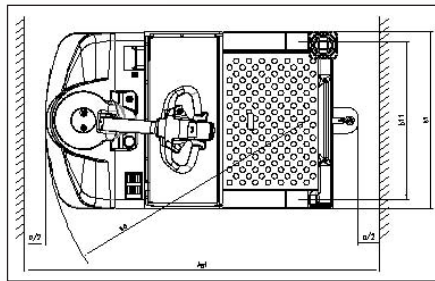
#### Options

- Built-in charger - 110v
- Strobe light



### Why Choose a Stärke Mächtig over a competitor?

Tow Tractor	Stärke Mächtig	Crown TR 3600	Toyota TSE300
Tow Capacity	10,000 lbs	10,000 lbs	6,700 lbs
Brakes	Regenerative	Regenerative	Electromagnetic
Length	57"	60.3"	61.9"
Weight	2046 lbs	1280 lbs	2658 lbs
Turning Radius	49"	48.3"	59"



Mächtig Tow Tractor		UTT45H	
Capacity	lbs		10,000
Rated traction (60 minutes rated)	N/lbs		242
Drawbar Center height	h10 (in)		5.0
Maximum Drawbar pull	lbs		660
Weight with battery	lbs		2046
Axle loading, laden	Front/Rear	lbs	1280
Axle loading, unladen	Front/Rear	lbs	926
Tire Size	Front, polyurethane		10.0 x 3.1
	Rear, rubber		8.0 x 2.0
Wheelbase	Y (in)		41.5
Wheels, number front/rear (x=drive wheels)			1x+2/2
Tread	Rear	b11 (in)	29.1
Initial Lift		h14 (in)	1370
Overall length		l1 (in)	57.0
Overall width		b1 (in)	32.7
Ground clearance		m2 (in)	2.0
Aisle width		Ast (in)	66.0
Turning radius		Wa (in)	49.0
Travel Speed	Laden	mph	5.6
Travel Speed	Unladen	mph	8.7
Drive motor capacity		hp	5.4
Gradeability	Laden	%	4
Gradeability	Unladen	%	20
Brake			regenerative
Battery Voltage		v/Ah	24/560
Battery Weight		lbs	1232
Service Weight with battery		lbs	2200
Battery Compartment Size		in	32.3 x 8.7 x 30.3
Battery Dimensions	L x W x H	in	31.9 x 8.3 x 26.2

