

BALLYPAL 45M-TD



The Ballymore Trailer Mover – Efficiently move trailers and ensure stability during loading



SEE IT IN ACTION



FEATURES

- Designed to tow and stabilize trailers with a combined weight of up to 10,000 lbs.
- 2,000 lb. counterweight secures trailers during loading/unloading (e.g., skid steer, mini excavator).
- Powered by 48V 20Ah removable Lithium-Ion battery.
- Battery is swappable, rechargeable (on/off unit), and fully charges in ~2 hours.
- Charges via standard 120V outlet.
- Fits through 42" doors for indoor storage.
- Powers trailer running lights for visibility.
- Equipped with a flashing light for safety.
- Operates on flat, clear surfaces (concrete/asphalt).
- Proportional forward/reverse thumb controls. Forward and Reverse controls are proportional to how far the thumb controls are moved

SPECIFICATIONS

- Capacity= 10,000 lbs. combined weight
- Weight= 2325 lbs.
- Lift Height = 4.5"
- Height of Tiller in the Drive Position = 45.7" max.
- Height Lowered = 3.15"
- Fork Length= 45.3"
- Fork Width= 6.3"
- Overall Length= 40.2"
- Overall Width= 27"
- Travel Speed = 1.6 mph
- Max Gradeability= 10% Unladen
- Battery Voltage 48V/20Ah Lithium



SPECIFICATIONS

CHARACTERISTICS		Ballypal 45M-TD
Drive		Battery
Operator type		Pedestrian
Load Capacity / rated load	Q (lbs)	2.0
Load distance, center of drive axle to fork	x (in)	16.6
Wheelbase	y (in)	26.1
Service Weight	lbs	2025
Axle loading, unladen front/rear	lbs	1070 / 955
Tires		High traction polyurethane (PU)
Tread, front	b ₁₀ (in)	16.5
Tread, rear	b ₁₁ (in)	20.7
Lift	h ₃ (in)	4.5
Height of tiller in drive position min./max.	h ₁₄ (in)	29.3 / 45.7
Height, lowered	h ₁₃ (in)	3.15
Overall length	l ₁ (in)	40.2
Length to face of forks	l ₂ (in)	15.6
Overall width	b ₁ (in)	27
Fork dimensions	s/e/l (in)	1.85 / 6.3 / 45.3
Width Across Forks	b ₅ (in)	27
Ground Clearance, center of wheelbase	m ₂ (in)	1.3
Turning Radius	Wa (in)	32.2
PERFORMANCE		
Travel Speed, laden/unladen	km/h	- / 2.5
Lifting speed, laden/unladen	m/s	- / 0.018
Lowering speed, laden/unladen	m/s	- / 0.046
Max. gradeability, laden/unladen	%	- / 10
Service brake		Electromagnetic
Drive motor	kW	1.3
Lift motor	kW	0.8
BATTERY		
Battery voltage/nominal capacity K5	V/Ah	48 / 20
Battery weight	lbs	18