

MANTA RAYS MOBILE™ TRAILER

The Manta Rays Mobile™ Trailer is specialized hydraulic transport equipment designed to rapidly relocate off-grid Manta Ray 2020 sustainable EV charging systems. Remote controlled hydraulics enable one person to stow, transport, place and unstow Manta Ray products. EV charging infrastructure has never been more scalable, flexible and resilient.

Manta Rays Mobile™ Trailer for MANTA RAY

Owners of PowerMove MANTA RAY™ sustainable off-grid EV charging systems can relocate systems for events, a move from leased properties, emergencies, a change in EV driver patterns or simply because they want them in a more optimal location. The frame is powder-coated for long-lasting durability and rust prevention with slip-resistant, grit-surface decking for safety and ease of movement. The Manta Ray Mobile Trailer transport system is the fastest and easiest way to relocate and redeploy off-grid solar-powered Manta Ray systems.



Rapidly Relocate and Redeploy MANTA RAY™ Systems



Single
Person Use



Easy
Stow/Unstow



Rapid
Relocation



Remote
Control Use

Manta Ray Systems When and Where You Need Them



Flexible



Scalable



Resilient

Durable, Industrial-Grade Transport System

The fully integrated hydraulic system and ruggedized remote control make it easy for one operator to stow, transport and unstow Manta Ray systems. Heavy duty suspension, four self-adjusting electric brakes and tandem 10,000 lb axles provide smooth stable transport. The trailer includes a spare wheel and mount, and comes in gooseneck or pintle hitch configurations for powerful towing options.

Manta Rays Mobile Trailer Specifications

Mechanical	
Axles	Tandem Dexter Torflex 10k Axles (20k total)
Wheels	17.5 x 6.75 Wheel .19 Inset Steel 6,005 lb capacity
Tires	Taskmaster Provider HD ST215 /75 R17.5 135N
Hydraulic Power Unit	12VDC 1.3GPM HPU with 5 gallon tank
Hydraulic Fluid	AW-32 Hydraulic Oil
Dimensions (LxW)	26.67 x 9.5 ft
Loaded Height	10.25 ft
Unloaded Height	7.25 ft (Gooseneck); 6.83 ft (Pintle)
Unloaded Weight	6,000 lbs
Loaded Weight	16,000 lbs
GVWR	19,220 lbs

Tools and Hardware

Full set of MANTA RAY™ deployment tools and hardware for Manta Ray stow and unstow

Full DOT LED lighting package including clearance lighting

7-Way RV blade electrical connector

Hitch Types: Gooseneck 2-5/16" ball adjustable pipe coupler or Pintle 20k lbs height adjustable 3in lunette ring

12V DC onboard hydraulic power unit and battery

A commercial driver's license (CDL) is required to tow an Manta Rays Mobile Trailer that is loaded with an Manta Ray system.

Charge on Sunshine™