



MT 290








Strength & agility on 4 wheels.

VEHICLE TYPE
TOW TRACTORS

Built on our popular **MP-250** base, the more powerful MT-290 is equal parts modern workhorse and mobile workshop. Its efficient AC motor offers impressive acceleration, even when towing loads of 16,000 lbs.* Its all-steel construction and four-wheel vibration dampening design ensure a smooth and stable ride even on bumpy surfaces. This agile, round-the-clock tow tractor effortlessly maneuvers through challenging areas, including doorways. A multi-purpose tugger boasting a long-lasting industrial battery with easy under-the-seat access.



Vehicle shown may have optional accessories and is provided for illustrative purposes only.

MT 290 Models	 PASSENGERS	 LOAD CAPACITY	 TOWING CAPACITY	 SPEED	 TURNING RADIUS
24V Narrow	1	500 lbs.	6,000 lbs.	6 mph	72 "
36V HD	1	700 lbs.	10,000 lbs.	8 mph	77 "
48V	1	700 lbs.	16,000 lbs.	8 mph	77 "



MT 290



AC POWERTRAIN

High-efficiency asynchronous AC / Direct Drive motor

Offers better control for full motor performance, as well as higher possible speeds and better torque at low speeds. Maintenance-free brushless electric motor equipped with temperature and speed sensors.

BATTERY

Robust long-life industrial batteries

No more mid-shift recharging! These powerful batteries can last a full shift, even with long distances. Supports Opportunity Rapid charging. Encased for easy replacing. Various options and models available.

CONTROLLER

AC controller with sealed connectors paired with multifunction display

Allows for precise speed control for greater safety and vehicle performance. Includes indicators for speed, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.

BRAKES

Powerful automatic electromagnetic parking brake

Increases safety by automatically applying the parking brake whenever the vehicle stops moving or is shut off. Also doubles as an emergency stop. Entirely sealed to protect it from debris, elements, etc.

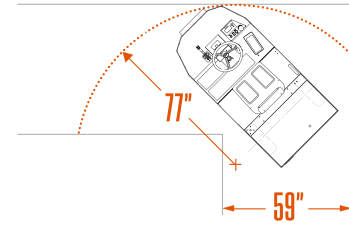
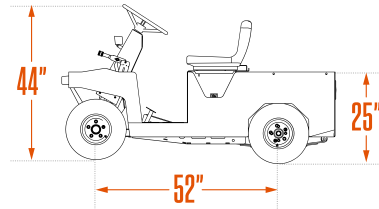
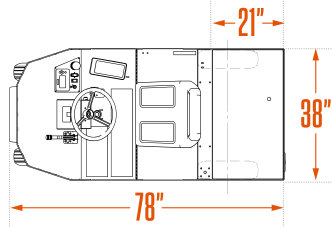
CONVERTER

Battery-saving efficient DC/DC converter

Equalizes battery cells by converting 36V or 48V to 12V for accessories. Batteries are therefore discharged more evenly, resulting in better output and a longer battery life.



MT 290



	24V Narrow	36VHD	48V
POWERTRAIN			
Motor	6 hp shunt motor	Brushless AC motor, 7.5 HP Intermittent, 10 HP Max	Brushless AC motor, 9 HP Intermittent, 15 HP Max
Drive Axle	Differential with automotive ring gear	Helical gear differential	Helical gear differential
Transmission	Dual V-belt drive	Direct drive	Direct drive
Controller	SEPEX Electronic speed controller	AC Electronic speed controller	AC Electronic speed controller
ENERGY			
Voltage	24V	36V	48V
Battery	Four 6V-225AH batteries	No battery included	No battery included
Charger	High-Frequency Charger, improves battery performance, prevents current surge, 50/60HZ, 110/220VAC	No charger included	No charger included
CHASSIS			
Body	14-G diamond-plate steel body, tubular frame	All-steel unibody construction	All-steel unibody construction
Suspension	Dual leaf springs on rear	Dual leaf springs on rear	Dual leaf springs on rear



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	24V Narrow	36V HD	48V
Brakes	Dual self-adjusting mechanical drum brakes on rear, hand lever parking brake, regenerative braking	Rear hydraulic drum brakes, regenerative braking	Rear hydraulic drum brakes, regenerative braking
Wheels	4.8x8 LRC pneumatic tires	4.8x8 LRC pneumatic tires	4.8x8 LRC pneumatic tires
Steering	Automotive Steering Wheel	Automotive steering wheel	Automotive steering wheel
Seats	Bucket seat on slide adjusters	Bucket seat on slide adjusters	Bucket seat on slide adjusters
EQUIPMENT			
Lights	LED headlight & tail/brake light	LED headlight & tail/brake light	LED headlight & tail/brake light
Indicators	Battery status indicator	Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.	Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.
Accessories	Bolt-on bumpers and rear wheel guards, 24V accessories to equalize cells and extend battery life	36V/12V converter for 12-volt accessories, bolt-on front bumper	48V/12V converter for 12-volt accessories, bolt-on bumpers and rear wheel guards
Safety	Reverse alarm, deadman seat switch, horn	Reverse alarm, deadman seat switch, horn	Reverse alarm, deadman seat switch, horn



MT 290



	24V Narrow	36V HD	48V
VEHICLE			
Weight		1,200 lbs.	1,200 lbs.
Height	45"	44"	45"
Length		78"	78"
Width	29"	38"	38"
Wheel Base	52"	52"	51"
DECK			
Deck Height	25"	25"	25"
Deck Length	20"	21"	21"
Deck Width	29"	38"	38"
BATTERY			
Battery Weight			
Battery Height	24"	17,5"	17,5"
Battery Length	20,5"	16"	16"
Battery Width	38,75"	35,2"	35,2"

Specifications and standard equipment are subject to change without notice.

PACKAGES

Our most popular options. Packaged for your convenience.

Customers often order the same group of options. So we created a number of packages to make building your perfect vehicle easier than ever.