

MT 280

MODELS

36V | 36V HD | 36V SD



MANUFACTURING'S FAVORITE WORKHORSE.

This hardworking tow tractor delivers outstanding performance. With its efficient AC direct-drive motor and up to 16,000-lb towing capacity, the MT-280 is ideal for moving trailers over long distances. It's also narrow enough to fit through most door openings. From its all-steel construction and demountable bumpers to its high torque drum brakes, this tugger is built for years of heavy use in total comfort and safety. The easy-to-access under seat industrial battery prevents mid-shift interruptions. EE rating available.

MODELS	LOAD CAPACITY (lbs.)	TOWING CAPACITY (lbs.)	PASSENGERS	SPEED (mph)	TURNING RADIUS (in)
36V	700	6,000	1	8	73
36V HD	800	10,000	1	8	72
36V SD	800	16,000	1	6	72

FEATURES

- 1 High-efficiency asynchronous AC / Direct Drive motor
- 2 AC controller with sealed connectors paired with multifunction display
- 3 Inboard / portable high frequency PFC battery charger
- 4 Robust long-life industrial batteries
- 5 Long-lasting, battery-saving LED lights
- 6 Energy-saving regenerative braking
- 7 EE rating available



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SPECIFICATIONS

MT 280

PERFORMANCE

	36V	36V HD	36V SD
 LOAD CAPACITY	700 lbs – 318 kg	800 lbs – 363 kg	800 lbs – 363 kg
 TOWING CAPACITY	6,000 lbs – 2,722 kg	10,000 lbs – 4,536 kg	16,000 lbs – 7,257 kg
 SPEED	8 mph – 13 km/h	8 mph – 13 km/h	6 mph – 10 km/h
 TURNING RADIUS	73" – 1,854 mm	72" – 1,829 mm	72" – 1,829 mm
 PASSENGERS	1	1	1

POWERTRAIN

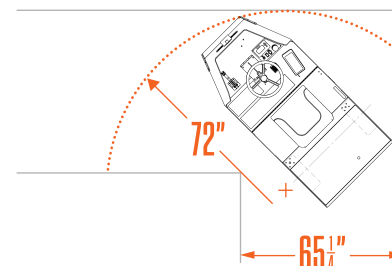
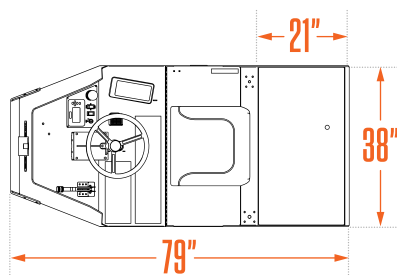
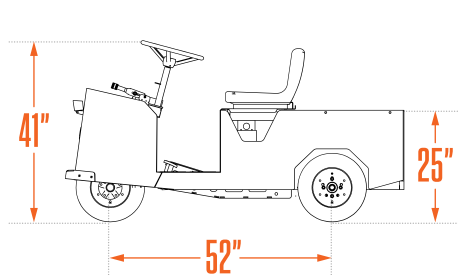
MOTOR	Shunt motor	10 HP		
	Brushless AC motor		10 HP Max (7.5 HP Intermittent)	10 HP Max (7.5 HP Intermittent)
CONTROLLER	SEPEX Electronic speed controller	✓		
	Electronic AC speed controller		✓	✓
DRIVE AXLE	Helical gear differential	✓	✓	✓
BRAKES	Rear hydraulic drum brakes, hand lever parking brake, regenerative braking	✓		
	Rear hydraulic drum brakes, regenerative braking		✓	✓
WHEELS	4.8x8 LRC pneumatic tires	✓	✓	✓
TRANSMISSION	Direct drive	✓	✓	✓
SUSPENSION	Coil springs & shock absorbers (front and rear)	✓		
	Dual coil springs & shock absorbers front and Dual leaf springs on rear		✓	✓

CHASSIS

BODY	All-steel unibody construction. Powder Coating.	✓	✓	✓
COLOR	Security orange or federal yellow (optional colors available)	 	 	 
LIGHTS	LED headlight & tail/brake light	✓	✓	✓

OPERATOR COMPARTMENT

STEERING	Automotive steering wheel	✓	✓	✓
SEATS	Bucket seat on slide adjusters	✓	✓	✓
	Battery status indicator	✓		
INDICATORS	Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.		✓	✓
SAFETY	Reverse alarm, deadman seat switch, horn	✓	✓	✓
ACCESSORIES	36V/12V converter for 12-volt accessories, bolt-on bumpers and rear wheel guards	✓		
	36V/12V converter for 12-volt accessories, bolt-on front bumper		✓	✓



UNBEATABLE VEHICLES BACKED BY UNBEATABLE WARRANTIES

3-Year limited warranty on all Motrec vehicles with AC technology, our MS-260 stock chaser and all Motrec trailers.



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POPULAR OPTIONS

GET THE MOST FROM YOUR FLEET

MT 280

MODELS

36V | 36V HD | 36V SD

1 GRAMMER SEAT AND SEAT BELT

This ergonomic semi-suspension seat will keep you focused on the job, not on the vibrations, while the seat belt adds extra protection.

2 ERGONOMIC STEERING COLUMN

Based on human ergonomics, this steering column is optimally positioned for comfort while operating the vehicle.

3 SIDE MIRRORS

Side mirrors provide operators with a side view of their surroundings for safety.

4 NON-MARKING TIRES

These tires do not leave marks on the ground and they have an even softer compound that moves smoothly across the ground.

5 LIGHTS

Maximize vehicle visibility & everyone's safety with a blue safety light, strobe light, tail and brake lights and more.

6 HITCHES & QUICK HITCH RELEASE

A must-have for attaching a trailer to boost cargo capacity. A wide range of hitches & hitch accessories to make attaching loads quick, easy & worry free.



For compatibility, please contact your Motrec dealer. Options may vary from illustrations provided.

PERFORMANCE

- TOWING CAPACITY** up to 16,000 lbs.
- WIDTH** 38", 39" (36V)
- SPEED** 8 mph
- TURNING RADIUS** 72", 73" (36V)

RECOMMENDED INDUSTRIES

Industrial manufacturing

Warehousing, logistics and distribution

Automotive manufacturing



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