

MT 440

MODEL 48V | 48V NARROW | 80V | IC

STYLISH AND EXTREMELY POWERFUL.

The MT-440 is the latest generation of heavy-duty tow tractors. Behind its stylish, compact design is a highly efficient AC direct-drive powertrain, plenty of power to haul 13,600 Kg.* loads over long distances, and an oversized industrial battery to lengthen running time. Features like tight turning radius, rear battery positioning and shock-dampening suspension deliver exceptional maneuverability, stability and comfort. This highly robust, low-maintenance two-seater is built to last—from bolt-on bumper to bumper. EE rating available.



MODELS	LOAD CAPACITY (Kg.)	TOWING CAPACITY (Kg.)	PASSENGERS	SPEED (Kmh)	TURNING RADIUS (mm)
48V	230	9,070	2	16	2,740
48V NARROW	230	9,070	1	12.8	2,690
80V	230	13,600	2	11.2	3,020
IC	272	13,600	2	16	2,290








FEATURES

- High-efficiency asynchronous AC / Direct Drive motor **1**
- Robust long-life industrial batteries **2**
- AC controller with sealed connectors paired with multifunction display **3**
- Built-to-last all-steel unibody construction **4**
- Heavy-duty powder paint & protection **5**



SPECIFICATIONS

MT 440

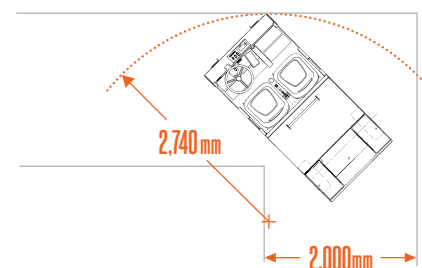
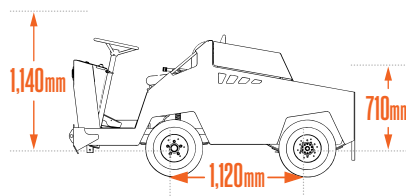
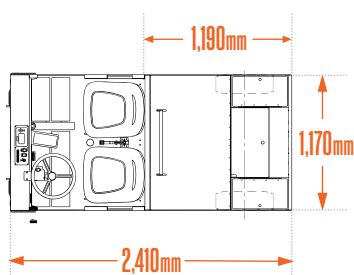
PERFORMANCE	48V
 LOAD CAPACITY	230 Kg
 TOWING CAPACITY	9,070 Kg
 SPEED	16 Km/h
 TURNING RADIUS	2,740
 PASSENGERS	2
 DRAWBAR PULL - NORMAL	1,799 N
 DRAWBAR PULL - ULTIMATE	5,783 N

POWERTRAIN	OPERATOR COMPARTMENT
MOTOR 15 hp Fan cooled AC motor	STEERING Automotive steering wheel
CONTROLLER Electronic AC speed controller	SEATS Two bucket seats on slide adjusters
DRIVE AXLE Helical gear differential	INDICATORS Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.
BRAKES Four-wheel hydraulic brakes, regenerative braking	SAFETY Reverse alarm, deadman seat switch, horn
WHEELS 500x8 solid softy rubber wheels on split rims	ACCESSORIES 48V/12V converter for 12-volt accessories
TRANSMISSION Direct drive with ground-tooth gears	
SUSPENSION Front leaf spring suspension with dual shock absorbers, rear leaf spring suspension	

ENERGY	CHASSIS
VOLTAGE 48V	BODY All-steel unibody construction
BATTERY Battery to be specified	COLOUR Security orange or federal yellow
CHARGER Charger to be specified	LIGHTS Dual LED headlights & tail/brake lights

VEHICLES		DECK		UNIT WEIGHT		BATTERY	
HEIGHT	1,140 mm	HEIGHT	710 mm	WITH BATTERIES		HEIGHT	610 mm
LENGTH	2,410 mm	LENGTH	480 mm	WITH OUT BATTERIES	794 Kg	LENGTH	530 mm
WIDTH	1,140 mm	WIDTH	1,170 mm			WIDTH	1,090 mm
WHEEL BASE	1,120 mm					WEIGHT-MIN	998 Kg
GROUND CLEARANCE						WEIGHT-MAX	1,178 Kg

Vehicle shown may have optional accessories and is provide for illustrative purposes only | Specifications and standard equipment are subject to change without notice.



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.

SITECRAFT

SPECIFICATIONS

MT 440

PERFORMANCE

	48V NARROW
 LOAD CAPACITY	230 Kg
 TOWING CAPACITY	9,070 Kg
 SPEED	12.8 Kmh
 TURNING RADIUS	2,690 mm
 PASSENGERS	1
 DRAWBAR PULL - NORMAL	
 DRAWBAR PULL - ULTIMATE	

POWERTRAIN

MOTOR	15 hp Fan cooled AC motor
CONTROLLER	Electronic AC speed controller
DRIVE AXLE	Helical gear differential
BRAKES	Four-wheel hydraulic brakes, regenerative braking
WHEELS	500x8 solid softy rubber wheels on split rims
TRANSMISSION	Direct drive with ground-tooth gears
SUSPENSION	Front leaf spring suspension with dual shock absorbers, rear leaf spring suspension

OPERATOR COMPARTMENT

STEERING	Automotive steering wheel
SEATS	Bucket seat on slide adjusters
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	48V/12V converter for 12-volt accessories

ENERGY

VOLTAGE	48V
BATTERY	Battery to be specified
CHARGER	Charger to be specified

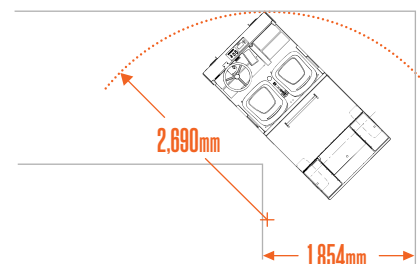
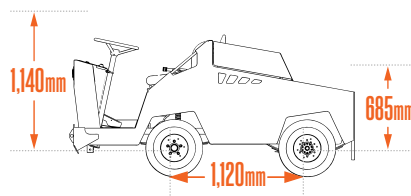
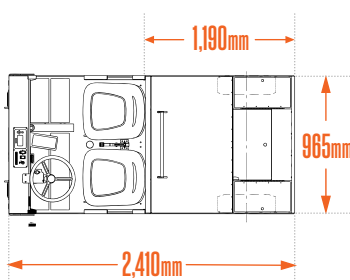
CHASSIS

BODY	All-steel unibody construction
COLOUR	Security orange or federal yellow
LIGHTS	Dual LED headlights & tail/brake lights

DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
HEIGHT	1,140 mm	WITH BATTERIES	HEIGHT 610 mm
LENGTH	2,410 mm	WITH OUT BATTERIES 658 Kg	LENGTH 530 mm
WIDTH	970 mm		WIDTH 910 mm
WHEEL BASE	1,120 mm		WEIGHT-MIN 726 Kg
GROUND CLEARANCE	102 mm		WEIGHT-MAX 907 Kg

Vehicle shown may have optional accessories and is provide for illustrative purposes only | Specifications and standard equipment are subject to change without notice.



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.

SITECRAFT

SPECIFICATIONS

MT 440

PERFORMANCE

	80V
 LOAD CAPACITY	230 Kg
 TOWING CAPACITY	13,600 Kg
 SPEED	11.2 Kmh
 TURNING RADIUS	3,020 mm
 PASSENGERS	2
 DRAWBAR PULL - NORMAL	3,114 N
 DRAWBAR PULL - ULTIMATE	8,452 N

POWERTRAIN

MOTOR	25 hp Fan cooled shunt motor
CONTROLLER	Electronic AC speed controller
DRIVE AXLE	Differential with automotive ring gear
BRAKES	Four-wheel hydraulic brakes, 280mm, regenerative braking
WHEELS	18x6x8 Solid Soft Rubber Wheels
TRANSMISSION	Goodyear Eagle Synchronous drive
SUSPENSION	Front leaf spring suspension with dual shock absorbers, rear leaf spring suspension

OPERATOR COMPARTMENT

STEERING	Power Steering
SEATS	Two bucket seats on slide adjusters
INDICATORS	Battery status indicator
SAFETY	Reverse alarm, deadman seat switch, horn
ACCESSORIES	80V/12V converter for 12-volt accessories, horn

ENERGY

VOLTAGE	80V
BATTERY	Battery to be specified
CHARGER	Charger to be specified

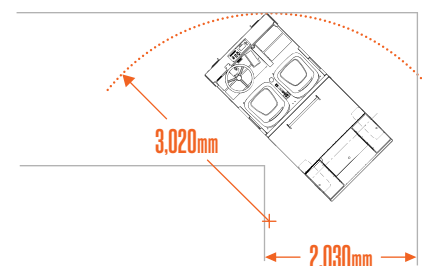
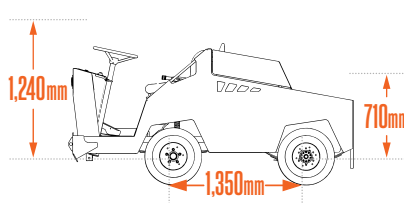
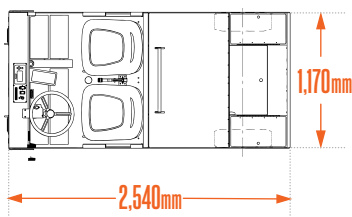
CHASSIS

BODY	All-steel unibody construction
COLOUR	Security orange or federal yellow
LIGHTS	Dual LED headlights & tail/brake lights

DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
HEIGHT	1,240 mm	WITH BATTERIES	HEIGHT 680 mm
LENGTH	2,540 mm	WITH OUT BATTERIES 816 Kg	LENGTH 690 mm
WIDTH	1,120 mm		WIDTH 1,090 mm
WHEEL BASE	1,350 mm		WEIGHT-MIN 1,270 Kg
GROUND CLEARANCE			WEIGHT-MAX 1,450 Kg

Vehicle shown may have optional accessories and is provide for illustrative purposes only | Specifications and standard equipment are subject to change without notice.



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.

SITECRAFT

SPECIFICATIONS

MT 440

PERFORMANCE

	IC
 LOAD CAPACITY	272 Kg
 TOWING CAPACITY	13,600 Kg
 SPEED	16 Kmh
 TURNING RADIUS	2,290
 PASSENGERS	2
 DRAWBAR PULL - NORMAL	
 DRAWBAR PULL - ULTIMATE	

POWERTRAIN

MOTOR	STEERING	Dual hydraulic rear wheel motors, Automotive steering wheel
CONTROLLER	SEATS	Two bucket seats on slide adjusters
DRIVE AXLE	INDICATORS	Seat switch, neutral start switch, reverse alarm, low oil and high temperature automatic engine shut down
BRAKES	SAFETY	Horn, Fuel gauge, temperature gauge, hour meter
WHEELS	ACCESSORIES	Bolt-on Front Bumpers
TRANSMISSION		Hydrostatic transmission
SUSPENSION		Front and rear leaf spring suspensions, dual shock absorbers on front

OPERATOR COMPARTMENT

ENERGY

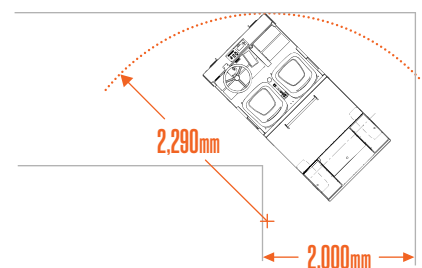
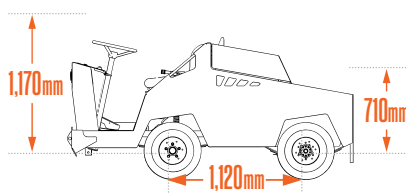
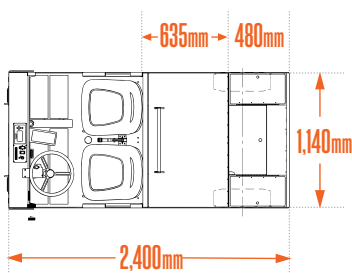
ALTERNATOR	40 amp	BODY	All-steel unibody construction
FUEL	Unleaded Petrol	COLOUR	
		LIGHTS	Dual LED headlights & tail/brake lights

CHASSIS

DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
HEIGHT	1,170 mm	WITH BATTERIES	HEIGHT
LENGTH	2,400 mm	WITH OUT BATTERIES	LENGTH
WIDTH	1,140 mm		WIDTH
WHEEL BASE	1,270 mm		WEIGHT-MIN
GROUND CLEARANCE			WEIGHT-MAX

Vehicle shown may have optional accessories and is provide for illustrative purposes only | Specifications and standard equipment are subject to change without notice.



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.

SITECRAFT