

MT 280

MODEL 36V | 36V HD | 36V SD

THE #1 WORKHORSE OF AUTOMAKERS.

This hardworking tow tractor delivers outstanding performance. With its efficient AC direct-drive motor and 4,535 KG. 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.



MODELS	LOAD CAPACITY (Kg.)	TOWING CAPACITY (Kg.)	PASSENGERS	SPEED (Kmh)	TURNING RADIUS (mm)
36V	318	2,720	1	12.8	1,850
36V HD	363	4,535	1	12.8	1,820
36V SD	363	4,535	1	12.8	1,820








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**
- Long-lasting, battery-saving LED lights **4**
- Inboard / portable high frequency PFC battery charger **5**



SPECIFICATIONS

MT 280

PERFORMANCE	36V
 LOAD CAPACITY	318 Kg.
 TOWING CAPACITY	2,720 Kg.
 SPEED	12.8 Kmh
 TURNING RADIUS	1,850 mm
 PASSENGERS	1
 DRAWBAR PULL - NORMAL	
 DRAWBAR PULL - ULTIMATE	

POWERTRAIN

MOTOR	10 hp shunt motor
CONTROLLER	SEPEX Electronic speed controller
DRIVE AXLE	Helical gear differential
BRAKES	Rear hydraulic drum brakes, hand lever parking brake, regenerative braking
WHEELS	4.8x8 LRC pneumatic tires
TRANSMISSION	Direct drive
SUSPENSION	Coil springs & shock absorbers (front and rear)

OPERATOR COMPARTMENT

STEERING	Automotive steering wheel
SEATS	Bucket seat on slide adjusters
INDICATORS	Battery status indicator
SAFETY	Reverse alarm, deadman seat switch, horn
ACCESSORIES	36V/12V converter for 12-volt accessories, bolt-on bumpers and rear wheel guards

ENERGY

VOLTAGE	36V
BATTERY	To be specified
CHARGER	To be specified

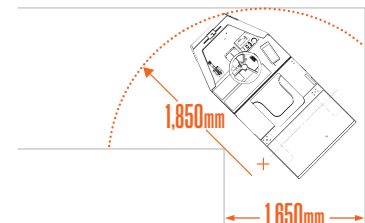
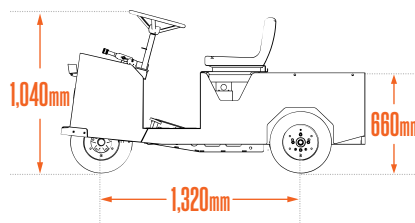
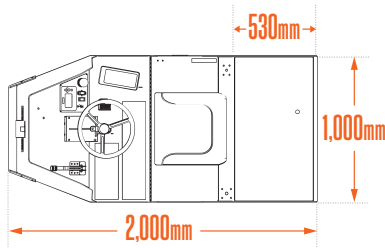
CHASSIS

BODY	14-G diamond-plate steel body, tubular frame
COLOUR	Security orange or federal yellow
LIGHTS	LED headlight & tail/brake light

DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
HEIGHT	1,040 mm	WITH BATTERIES	HEIGHT 450 mm
LENGTH	2,000 mm	WITH OUT BATTERIES	LENGTH 890 mm
WIDTH	1,000 mm		WIDTH 410 mm
WHEEL BASE	1,320 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

SPECIFICATIONS

MT 280

PERFORMANCE	36HD
 LOAD CAPACITY	363 Kg.
 TOWING CAPACITY	4,535 Kg.
 SPEED	12.8 Kmh
 TURNING RADIUS	1,820 mm
 PASSENGERS	1
 DRAWBAR PULL - NORMAL	
 DRAWBAR PULL - ULTIMATE	

POWERTRAIN

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

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	36V/12V converter for 12-volt accessories, bolt-on front bumper

ENERGY

VOLTAGE	36V
BATTERY	To be specified
CHARGER	To be specified

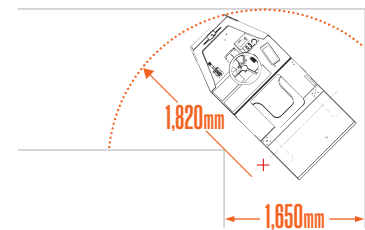
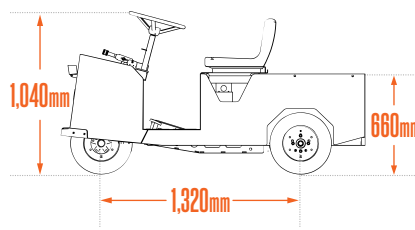
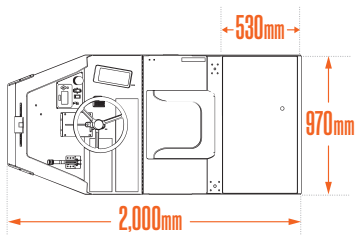
CHASSIS

BODY	All-steel unibody construction
COLOUR	Security orange or federal yellow
LIGHTS	LED headlight & tail/brake light

DIMENSIONS

VEHICLES	DECK		UNIT WEIGHT	BATTERY		
HEIGHT	1,040 mm	HEIGHT	660 mm	WITH BATTERIES	HEIGHT	450 mm
LENGTH	2,000 mm	LENGTH	530 mm	WITH OUT BATTERIES	LENGTH	890 mm
WIDTH	1,000 mm	WIDTH	1,000 mm	WIDTH	410 mm	
WHEEL BASE	1,320 mm			WEIGHT-MIN		
GROUND CLEARANCE				WEIGHT-MAX		

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SITECRAFT

SPECIFICATIONS

MT 280

PERFORMANCE	36SD
 LOAD CAPACITY	363 Kg.
 TOWING CAPACITY	4,535 Kg.
 SPEED	12.8 Kmh
 TURNING RADIUS	1,820 mm
 PASSENGERS	1
 DRAWBAR PULL - NORMAL	1,779 N
 DRAWBAR PULL - ULTIMATE	3,559 N

POWERTRAIN

MOTOR	Brushless AC motor, 7.5 HP Intermittent, 10 HP Max
CONTROLLER	Electronic AC speed controller
DRIVE AXLE	Helical gear differential
BRAKES	Rear hydraulic drum brakes, regenerative braking
WHEELS	4.8x8 LRC pneumatic tyres
TRANSMISSION	Direct drive
SUSPENSION	Dual coil springs & shock absorbers front and Dual leaf springs on rear

OPERATOR COMPARTMENT

STEERING	Brushless AC motor, 7.5 HP Intermittent, 10 HP Max
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	36V/12V converter for 12-volt accessories, bolt-on front bumper

ENERGY

VOLTAGE	36V
BATTERY	To be specified
CHARGER	To be specified

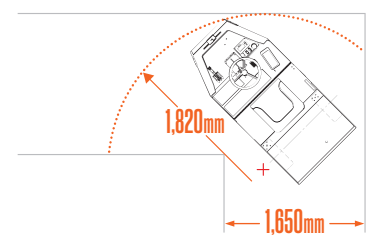
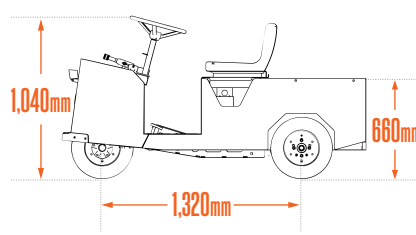
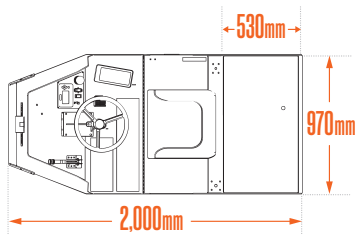
CHASSIS

BODY	All-steel unibody construction
COLOUR	Security orange or federal yellow
LIGHTS	LED headlight & tail/brake light

DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
HEIGHT 1,040 mm	HEIGHT 660 mm	WITH BATTERIES 860-1,000 Kg	HEIGHT 450 mm
LENGTH 2,000 mm	LENGTH 530 mm	WITH OUT BATTERIES 522 Kg	LENGTH 890 mm
WIDTH 1,000 mm	WIDTH 1,000 mm		WIDTH 410 mm
WHEEL BASE 1,320 mm			WEIGHT-MIN 340 Kg
GROUND CLEARANCE			WEIGHT-MAX 500 Kg

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