

# MT 290

MODEL 24V NARROW, 36V HD, 48V

## STRENGTH & AGILITY ON 4 WHEELS.

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 7,257 kg.\* 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 tow tractor boasting a long-lasting industrial battery with easy under-the-seat access. EE rating available.



### FEATURES








- High-efficiency dual V-belt drive motor **1**
- Robust long-life industrial batteries **2**
- AC controller with sealed connectors paired with multifunction display **3**
- Powerful automatic electromagnetic parking brake **4**
- Battery-saving efficient DC/DC converter **5**

MODELS	LOAD CAPACITY (Kg.)	TOWING CAPACITY (Kg.)	PASSENGERS	SPEED (Kmh)	TURNING RADIUS (mm)
24V NARROW	226	2,720	1	10	1,830
36V HD	318	4,535	1	12.8	1,960
48V	318	7,257	1	12.8	1,960



# SPECIFICATIONS

# MT 290

PERFORMANCE	24V NARROW
 <b>LOAD CAPACITY</b>	226 Kg.
 <b>TOWING CAPACITY</b>	2,720 Kg.
 <b>SPEED</b>	10 Kmh
 <b>TURNING RADIUS</b>	1,830 mm
 <b>PASSENGERS</b>	1
 <b>DRAWBAR PULL - NORMAL</b>	
 <b>DRAWBAR PULL - ULTIMATE</b>	

## POWERTRAIN

<b>MOTOR</b>	6 hp shunt motor
<b>CONTROLLER</b>	SEPEX Electronic speed controller
<b>DRIVE AXLE</b>	Differential with automotive ring gear
<b>BRAKES</b>	Dual self-adjusting mechanical drum brakes on rear, hand lever parking brake, regenerative braking
<b>WHEELS</b>	4.8x8 LRC pneumatic tyres
<b>TRANSMISSION</b>	Dual V-belt drive
<b>SUSPENSION</b>	Dual leaf springs on rear

## OPERATOR COMPARTMENT

<b>STEERING</b>	Automotive steering wheel
<b>SEATS</b>	Bucket seat on slide adjusters
<b>INDICATORS</b>	Battery status indicator
<b>SAFETY</b>	Reverse alarm, deadman seat switch, horn
<b>ACCESSORIES</b>	Bolt-on bumpers and rear wheel guards, 24V accessories to equalize cells and extend battery life

## ENERGY

<b>VOLTAGE</b>	24V
<b>BATTERY</b>	Four 6V-225AH batteries
<b>CHARGER</b>	High-Frequency Charger, improves battery performance, prevents current surge, 50/60HZ, 110/220VAC

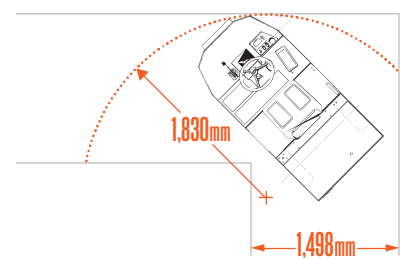
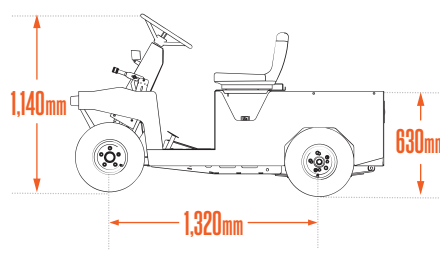
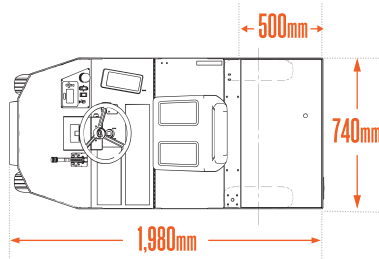
## CHASSIS

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

## DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
<b>HEIGHT</b>	1,140 mm	<b>WITH BATTERIES</b> 408 Kg.	<b>HEIGHT</b> 600 mm
<b>LENGTH</b>	<b>LENGTH</b> 500 mm	<b>WITH OUT BATTERIES</b>	<b>LENGTH</b> 520 mm
<b>WIDTH</b>	<b>WIDTH</b> 740 mm		<b>WIDTH</b> 980 mm
<b>WHEEL BASE</b>	1,320 mm		<b>WEIGHT-MIN</b>
<b>GROUND CLEARANCE</b>			<b>WEIGHT-MAX</b>

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

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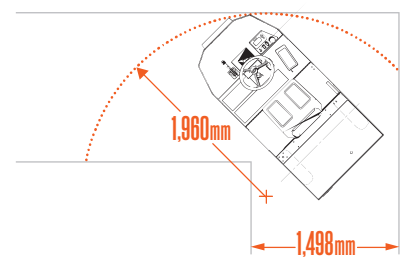
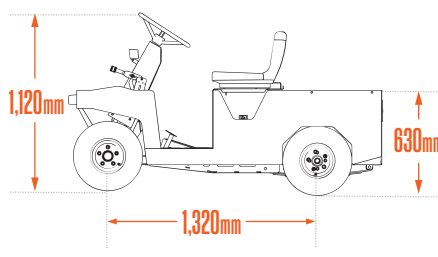
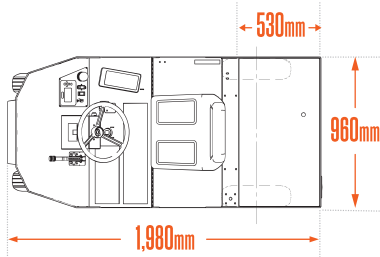
PERFORMANCE	36V HD
 <b>LOAD CAPACITY</b>	318 Kg.
 <b>TOWING CAPACITY</b>	4,535 Kg.
 <b>SPEED</b>	12.8 Kmh
 <b>TURNING RADIUS</b>	1,960 mm
 <b>PASSENGERS</b>	1
 <b>DRAWBAR PULL - NORMAL</b>	
 <b>DRAWBAR PULL - ULTIMATE</b>	

POWERTRAIN	OPERATOR COMPARTMENT
<b>MOTOR</b> Brushless AC motor, 7.5 HP Intermittent, 10 HP Max	<b>STEERING</b> Automotive steering wheel
<b>CONTROLLER</b> Electronic AC speed controller	<b>SEATS</b> Bucket seat on slide adjusters
<b>DRIVE AXLE</b> Helical gear differential	<b>INDICATORS</b> Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.
<b>BRAKES</b> Rear hydraulic drum brakes, regenerative braking	<b>SAFETY</b> Reverse alarm, deadman seat switch, horn
<b>WHEELS</b> 4.8x8 LRC pneumatic tyres	<b>ACCESSORIES</b> 36V/12V converter for 12-volt accessories, bolt-on front bumper
<b>TRANSMISSION</b> Direct drive	
<b>SUSPENSION</b> Dual leaf springs on rear	

ENERGY	CHASSIS
<b>VOLTAGE</b> 36V	<b>BODY</b> All-steel unibody construction
<b>BATTERY</b> Battery to be specified	<b>COLOUR</b> Security orange or federal yellow
<b>CHARGER</b> Charger to be specified	<b>LIGHTS</b> LED headlight & tail/brake light

VEHICLES		DECK		UNIT WEIGHT		BATTERY	
<b>HEIGHT</b>	1,120 mm	<b>HEIGHT</b>	630 mm	<b>WITH BATTERIES</b>		<b>HEIGHT</b>	450 mm
<b>LENGTH</b>	1,980 mm	<b>LENGTH</b>	530 mm	<b>WITH OUT BATTERIES</b>		<b>LENGTH</b>	400 mm
<b>WIDTH</b>	970 mm	<b>WIDTH</b>	960 mm			<b>WIDTH</b>	890 mm
<b>WHEEL BASE</b>	1,320 mm					<b>WEIGHT-MIN</b>	
<b>GROUND CLEARANCE</b>						<b>WEIGHT-MAX</b>	

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# SPECIFICATIONS

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PERFORMANCE	48V
 <b>LOAD CAPACITY</b>	318 Kg.
 <b>TOWING CAPACITY</b>	7,257 Kg.
 <b>SPEED</b>	12.8 Kmh
 <b>TURNING RADIUS</b>	1,960 mm
 <b>PASSENGERS</b>	1
 <b>DRAWBAR PULL - NORMAL</b>	
 <b>DRAWBAR PULL - ULTIMATE</b>	

## POWERTRAIN

<b>MOTOR</b>	Brushless AC motor, 9 HP Intermittent, 15 HP Max
<b>CONTROLLER</b>	Electronic AC speed controller
<b>DRIVE AXLE</b>	Helical gear differential
<b>BRAKES</b>	Rear hydraulic drum brakes, regenerative braking
<b>WHEELS</b>	4.8x8 LRC pneumatic tyres
<b>TRANSMISSION</b>	Direct drive
<b>SUSPENSION</b>	Dual leaf springs on rear

## OPERATOR COMPARTMENT

<b>STEERING</b>	Automotive steering wheel
<b>SEATS</b>	Bucket seat on slide adjusters
<b>INDICATORS</b>	Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.
<b>SAFETY</b>	Reverse alarm, deadman seat switch, horn
<b>ACCESSORIES</b>	48V/12V converter for 12-volt accessories, bolt-on bumpers and rear wheel guards

## ENERGY

<b>VOLTAGE</b>	48V
<b>BATTERY</b>	Battery to be specified
<b>CHARGER</b>	Charger to be specified

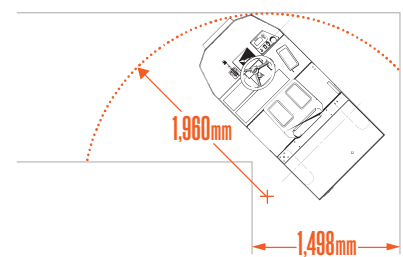
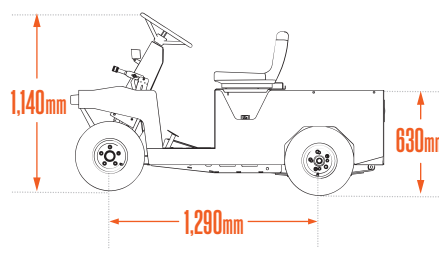
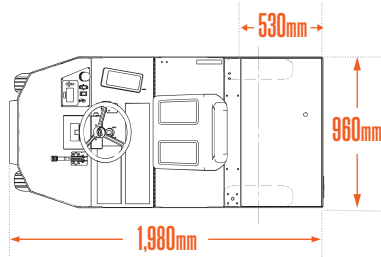
## CHASSIS

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

## DIMENSIONS

VEHICLES	DECK	UNIT WEIGHT	BATTERY
<b>HEIGHT</b>	1,140 mm	<b>HEIGHT</b>	630 mm
<b>LENGTH</b>	1,980 mm	<b>WITH BATTERIES</b>	450 mm
<b>WIDTH</b>	970 mm	<b>WITH OUT BATTERIES</b>	400 mm
<b>WHEEL BASE</b>	1,290 mm	<b>WIDTH</b>	890 mm
<b>GROUND CLEARANCE</b>		<b>WEIGHT-MIN</b>	
		<b>WEIGHT-MAX</b>	

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