

# Workman® MDE Specifications



## Workman MDE

<b>Motor</b> .....	48 volt DC motor with external fan.			
<b>S.R.Q. System</b> .....	Active In-Frame™ twister pivot joint, front suspension.			
<b>Front Suspension</b> .....	Independent "A"-Frame with coil over shock absorbers.			
<b>Maximum Speed</b> .....	16 mph (25.6 km/h) with fully charged batteries. Economy/supervisor mode limits maximum speed to 12 mph (19.2 km/h).			
<b>Brakes</b> .....	Front wheel: hydraulic disc, Rear wheel: hydraulic drum. Complemented with regenerative braking.			
<b>Transaxle</b> .....	16.99 to 1 ratio with helical gears. Direct drive double reduction with differential.			
<b>Ground Clearance</b> .....	Front: 10" (25.4 cm), Rear: 7" (18 cm)			
<b>Tires</b> .....	Front: 22 x 9.5-10, 4-ply, Rear: 22 x 9.5-10, 4-ply			
<b>Batteries</b> .....	Eight 6 volt heavy-duty T145. 145 min. @ 75 amps.			
<b>Controller</b> .....	500 amps max. 48 volt with regenerative braking, includes roll away indicator, thermal cutback, sealed/potted, status indicator light.			
<b>Charger</b> .....	Remote charger with drive inhibit on AC connect. 115 volt AC +/- 10% input, 48 volt DC (nominal) 17 amp output. 230 volt AC input for Europe, 48 volt DC (nominal) 17 amp output.			
<b>Instrumentation/Dash</b> .....	Battery discharge indicator, hour meter, headlight switch, on/off ignition key switch, supervisor speed selector switch. The dash has 2 cup holders, radio holder and glove box storage area. Accessory power port.			
<b>Dimensions</b> .....	<b>Width</b>	<b>Length</b>	<b>Wheel Base</b>	<b>Height</b>
	59" (150 cm)	119.75" (304 cm)	83" (211 cm)	50" (127 cm)
<b>Steering</b> .....	Manual, pinion and sector gear system with ergonomically positioned non-adjustable column. Steering wheel has 3 turns lock-to-lock and 17.2 to 1 ratio with a 13.75" (34.93 cm) diameter wheel.			
<b>Turning Clearance Circle</b> .....	Inside rear tire: 83" (211 cm), outside front tire: 260" (660 cm).			
<b>Frame</b> .....	Welded steel channel and tube in body construction. Frame surfaces are dipped in e-coat. Body and bed constructed of dent and corrosion resistant polyethylene.			
<b>Cargo Bed Size</b> .....	Length: 49" (124 cm), Width: 52" (132 cm), Height: 10" (25 cm), double walled, polyethylene plastic.			
<b>Total Capacity</b> .....	1,200 lbs. (545 kg)			
<b>Cargo Bed Capacity</b> .....	800 lbs. (363 kg)			
<b>Trailer Towing Capacity</b> .....	400 lbs. (182 kg) trailer, 50 lbs. (23 kg) tongue weight with standard hitch. 800 lbs. (363 kg) trailer, 100 lbs. (45 kg) tongue weight with heavy-duty tow hitch.			
<b>Optional Accessories</b> .....	48 volt Bed Lift, 48 volt Rear Lift, Canopy, Folding/Solid Windshield, HD Trailer Hitch, Deluxe Cab, HD Front Bumper, Brush Guard, Stake Sides, Portable Refreshment Center, Rahn® Groomer, 12 volt Adapter Kit, Slant Board, ROPS, Brake/Tail/Signal Light Kit.			
<b>Warranty</b> .....	Two-year or 1,500 hour limited warranty. Refer to the Operator's Manual for further details. Battery warranty through battery manufacturer.			