

Workman® MDE Specifications



Workman MDE

Motor	48 volt DC motor with external fan.			
S.R.Q. System	Active In-Frame™ twister pivot joint, front suspension.			
Front Suspension	Independent "A"-Frame with coil over shock absorbers.			
Maximum Speed	16 mph (25.6 km/h) with fully charged batteries. Economy/supervisor mode limits maximum speed to 12 mph (19.2 km/h).			
Brakes	Front wheel: hydraulic disc, Rear wheel: hydraulic drum. Complemented with regenerative braking.			
Transaxle	16.99 to 1 ratio with helical gears. Direct drive double reduction with differential.			
Ground Clearance	Front: 10" (25.4 cm), Rear: 7" (18 cm)			
Tires	Front: 22 x 9.5-10, 4-ply, Rear: 22 x 9.5-10, 4-ply			
Batteries	Eight 6 volt heavy-duty T145. 145 min. @ 75 amps.			
Controller	500 amps max. 48 volt with regenerative braking, includes roll away indicator, thermal cutback, sealed/potted, status indicator light.			
Charger	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.			
Instrumentation/Dash	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.			
Dimensions	Width	Length	Wheel Base	Height
	59" (150 cm)	119.75" (304 cm)	83" (211 cm)	50" (127 cm)
Steering	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.			
Turning Clearance Circle	Inside rear tire: 83" (211 cm), outside front tire: 260" (660 cm).			
Frame	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.			
Cargo Bed Size	Length: 49" (124 cm), Width: 52" (132 cm), Height: 10" (25 cm), double walled, polyethylene plastic.			
Total Capacity	1,200 lbs. (545 kg)			
Cargo Bed Capacity	800 lbs. (363 kg)			
Trailer Towing Capacity	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.			
Optional Accessories	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.			
Warranty	Two-year or 1,500 hour limited warranty. Refer to the Operator's Manual for further details. Battery warranty through battery manufacturer.			