



# Workman® e2050

WORKMAN e2050, MODEL 07280									
<b>MOTOR</b>	48V separately-excited DC motor with external fan. Motor brush service life 1,500 hours.								
<b>TRANSAXLE</b>	16.99 to 1 ratio with helical gears. Direct drive double reduction with differential.								
<b>REAR SUSPENSION</b>	Proprietary Active In-Frame™ suspension.								
<b>FRONT SUSPENSION</b>	Proprietary torsional independent "A"-Frame™ with 5" (12.7 cm) of travel at spindle.								
<b>MAX SPEED</b>	Infinitely variable 0-16 mph (0-25.6 km/h) with fully charged batteries. Economy/supervisor mode limits speed to 12 mph (19.2 km/h).								
<b>BRAKES</b>	Rear wheel mechanical drum, complemented with regenerative braking.								
<b>FRAME</b>	Welded, high-strength steel channel and tube construction.								
<b>GROUND CLEARANCE</b>	Front: 7.75" (19.7 cm). Rear: 6" (15.2 cm).								
<b>TIRES</b>	22.5 x 9.5-10, 4-ply.								
<b>BATTERIES</b>	Eight, 6V, T105 or US 2200.								
<b>CONTROLLER</b>	48V, separately excited with regenerative braking, 500 amps max. Includes rolloff indicator, thermal cutback, fully sealed/potted, status indicator light.								
<b>CHARGER</b>	Remote charger with drive inhibit on AC connect. 115V AC +/- 10% input, 48V DC (nominal) 17 amp output. 230V AC input for Europe, 48V DC (nominal) 17 amp output. 12 hour average recharge time (depends on age, DOD, temperature).								
<b>INSTRUMENTS/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 large glove box storage area. Passenger hand hold below glove box.								
<b>DIMENSIONS</b>	<table border="1"> <thead> <tr> <th>Width</th> <th>Length</th> <th>Wheel Base</th> <th>Height</th> </tr> </thead> <tbody> <tr> <td>59" (150 cm)</td> <td>117" (297 cm)</td> <td>81" (201 cm)</td> <td>50" (127 cm)</td> </tr> </tbody> </table>	Width	Length	Wheel Base	Height	59" (150 cm)	117" (297 cm)	81" (201 cm)	50" (127 cm)
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59" (150 cm)	117" (297 cm)	81" (201 cm)	50" (127 cm)						
<b>STEERING ANGLE</b>	Manual, pinion and sector gear system with 67° steering and 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: 39" (99 cm), inside front tire: 150" (381 cm), outside rear tire: 158" (401 cm), outside front tire: 227" (577 cm).								
<b>CORROSION RESISTANCE</b>	Body and bed constructed of dent and corrosion resistant polyethylene. Frame is dipped e-coat so internal and external surfaces are treated.								
<b>CARGO BED SIZE</b>	Length: 49" (124 cm), Width: 52" (132 cm), Height: 10" (25 cm), double walled, polyethylene.								
<b>TOTAL CAPACITY</b>	1,200 lbs. (545 kg), with two 200 lbs. (91 kg) passengers.								
<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>WEIGHT (EMPTY)</b>	1,450 lbs. (659 kg) with standard batteries. 1,530 lbs. (695 kg) with optional T145 batteries.								
<b>ATTACHMENTS</b>	48V Box Lift, 48V Rear Lift, Canopy, Folding/Solid Winshield, HD Receiver Hitch, Deluxe Cab, Vinyl Enclosure, HD Front Bumper, Brush Guard, Stake Sides, 12V Adapter Kit.								
<b>WARRANTY</b>	Two year or 1,500 hours limited warranty. Refer to the Operator's Manual for further details. Battery warranty through battery manufacturer.								

\* Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in design, required attachments and safety features. Consult your local Toro Distributor.

The Workman utility vehicle is manufactured in Tomah, WI ISO 9002 Certified Plant.

