

**TORO**

# Workman® HD Series

## Heavy-Duty Utility Vehicles

## GET MORE WORK DONE EVERY DAY WITH CONFIDENCE.

The Workman® HD Series is designed with your toughest work challenges in mind, from the front bumper to the rear bumper and everything in between. Design components like an I-beam-shaped DeDion rear axle, a truss-like front space frame, integrated wheel bearings and 4-wheel hydraulic disc brakes provide the highest total carrying capacity\* in the industry and make the Workman ready for the toughest challenges.



[toro.com/hd](https://toro.com/hd)

### F E A T U R E S

#### Industry – leading, hauling, and towing capacity

- 3,249 lb (1,477 kg) total capacity – HDX
- 3,244 lb (1,475 kg) total capacity – HDX-D
- 3,500 lb (1,587 kg) towing – all models

#### Electric Fuel Injection Performance – HDX Models

- Smooth, responsive driving
- Increased fuel economy over carbureted engines
- Instant cold starting
- Automatic high altitude compensation
- On-board diagnostics

#### Throttle-By-Wire – HDX Models

- Electric throttle control connects the accelerator pedal to the throttle by wire
- Improved torque management
- Consistent speed control during applications & in varying load conditions

#### Four-Wheel Hydraulic Disk

- For easier stopping and fast servicing

#### Proven Ride Comfort

- Independent, double A-frame front suspension with dual coil springs and shock absorbers provides 5.75" (14.6 cm) front travel
- DeDion rear axle with dual leaf springs and shock absorbers provide 3" (7.6 cm) rear travels

#### Extreme Durability

- DeDion rear axle with I-beam design isolates and protects transmission, engine, and main frame from vehicle loading
- Integrated wheel bearings provide enhanced sealing and consistent heavy load carrying capability
- Front bumper and front fenders designed to withstand incidental impacts without damage

	WORKMAN HDX, NO BED, MODEL 07383 WORKMAN HDX, W/BED, MODEL 07384 WORKMAN HDX W/BED, MODEL 07384TC WORKMAN HDX - 4WD, MODEL 07386 WORKMAN HDX - 4WD, MODEL 07386TC	WORKMAN HDX - D MODEL 07385 WORKMAN HDX - D MODEL 07385TC WORKMAN HDX - D - 4WD, MODEL 07387 WORKMAN HDX - D - 4WD, MODEL 07387TC	WORKMAN HD, MODEL 07369
<b>ENGINE</b>	Kubota® 972 EFI, 32.5 hp (24.2 kW), 4-cycle, liquid-cooled, 962 cc, 3-cylinder overhead camshaft, counterbalanced gasoline engine. Governed maximum of 32.5 hp at 3600 rpm. Rear engine location direct coupled to a transaxle. 12-volt electric starter. Fuel Injected is a closed loop system with oxygen sensor to adjust air/fuel ratio and manifold pressure sensor to adjust for altitude. Full pressure lubrication with spin-on oil filter. Meets all EPA & CARB emission standards	Kubota 902D, 3-cylinder, inline vertical, 4-cycle, liquid cooled, counterbalanced diesel engine, 23.3 hp (17.4 kW); governed to a maximum speed of 3600 rpm. 58.0 cu. in. (950 cc) displacement. Rear engine location. Direct couple to transaxle. 12-volt electric starter. Full pressure lubrication with spin-on oil filter. Meets EPA Tier IV compliance. Biodiesel ready for use up to B-20 (20% biodiesel and 80% petrol blend).	Kohler Model CH23, 2-cylinder, 4-cycle, air-cooled engine. 23 hp (17.2 kW) at 3600 rpm governed to a maximum speed of 3600 rpm by an internal governor. 41.1 cu. in. (674 cc) displacement. Electronic ignition. Rear engine location direct coupled to a transaxle. 12-volt electric starter. Full pressure lubrication with spin-on oil filter. Meets all EPA & CARB emission standards.
<b>CLUTCH</b>	7.5" (19 cm) clutch and pressure plate		
<b>INSTRUMENTATION</b>	Fuel and coolant temperature gauges. Hour meter. Oil pressure, check engine and battery charge indicator lights. Tachometer and speedometer.	Fuel and coolant temperature gauges. Hour meter. Oil pressure, glow plug and battery charge indicator lights. Tachometer and speedometer.	Fuel gauge, hour meter, oil pressure warning light and battery charge indicator light. Tachometer / speedometer optional.
<b>ALTERNATOR</b>	60 amp with electronic regulator		25 amp with electronic regulator
<b>TIRES</b>	Front: 20" x 9" - 12, 6-ply rating, turf tread Rear: 24" x 12" - 12, 6-ply rating, turf tread		
<b>COOLING SYSTEM</b>	Aluminum radiator with 10 fins per inch dual pass. Right side mounted with removable screen for debris cleaning. Thermal controlled DC electric fan.		Fan forced air.
<b>AIR CLEANER</b>	Remote mounted, heavy-duty 2-stage air cleaner with evacuator valve.		Large capacity, dual element.
<b>CLEARANCE CIRCLE 2WD</b>	Inside = 32 in (81 cm); Outside = 194 in (493 cm)		
<b>CLEARANCE CIRCLE 4WD</b>	Inside = 100 in (254 cm); Outside = 300 in (762 cm)		N/A
<b>FUEL CAPACITY</b>	6 gallons (22.7 liters)		
<b>FUEL PUMP</b>	12V internally regulated 42 psi in-tank	Electronic pump	Diaphragm pump
<b>FUEL FILTER</b>	In tank filter sock. 10 micron polyester depth.	Combination fuel filter / water separator with a 30 micron filtration and 50 mesh suction screen in tank.	In-line 40 micron filter and 50 mesh suction screen in tank.
<b>HORN</b>	Standard, button on dash on 07384TC & 07386TC. Optional on 07383, 07384 & 07386.	Standard, button on dash on 07385TC & 07387TC. Optional on 07385 & 07387.	Optional
<b>SOUND LEVEL</b>	75 db(A)**	85 db(A)**	80 db(A)**
<b>VEHICLE SHIPPING WEIGHT</b>	Model 07383: 1623 lbs (738 kg) Model 07384: 1951 lbs (887 kg) Model 07384TC: 2725 lbs (1238 kg) Model 07386: 2010 lbs (914 kg) Model 07386TC: 2784 lbs (1265 kg)	Model 07385: 1956 lbs (889 kg) Model 07385TC: 2730 lbs (1240 kg) Model 07387: 2015 lbs (916 kg) Model 07387TC: 2789 lbs (1268 kg)	Model 07369: 1848 lbs (840 kg)
<b>VEHICLE ACTUAL WEIGHT W/O FUEL</b>	Model 07383: 1623 lbs (738 kg) Model 07384: 1951 lbs (887 kg) Model 07384TC: 2032 lbs (924 kg) Model 07386: 2010 lbs (914 kg) Model 07386TC: 2091 lbs (950 kg)	Model 07385: 1956 lbs (889 kg) Model 07385TC: 2037 lbs (926 kg) Model 07387: 2015 lbs (916 kg) Model 07387TC: 2096 lbs (953 kg)	Model 07369: 1848 lbs (840 kg)
<b>TOTAL CAPACITY</b>	Model 07384:3249(1477 kg) Model 07384TC:3168(1440 kg) Model 07386:3190 (1450 kg) Model 07386TC:3109 (1413 kg)	Model 07385:3244 lbs. (1475 kg) Model 07385TC:3163 lbs. (1438 kg) Model 07387: 3185 lbs. (1448 kg) Model 07387TC: 3104 lbs. (1411 kg)	Model 07369: 3352 lbs. (1524 kg)
<b>CARGO BED CAPACITY W/200 LB. OPERATOR AND 200 LB. PASSENGER</b>	Model 07384: 2849 lbs (1295 kg) Model 07384TC: 2768 lbs (1258 kg) Model 07386: 2790 lbs (1268 kg) Model 07386TC: 2709 lbs (1231 kg)	Model 07385: 2844 lbs.(1293 kg) Model 07385TC: 2763 lbs. (1256 kg) Model 07387: 2785 lbs. (1266 kg) Model 07387TC: 2704 lbs. (1229 kg)	Model 07369: 2952 lbs. (1342 kg)

\*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 use, design, required attachments and safety features. See distributor for details on all warranties.

\*\*At operator's ear; 3600 rpm with bed and sides installed.



SPECIFICATIONS COMMON TO WORKMAN HD SERIES VEHICLES

<b>FRONT SUSPENSION</b>	Independent system with dual "A" frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5 3/4" travel.			
<b>REAR SUSPENSION</b>	DeDion rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers. Provides 3" travel.			
<b>BATTERY</b>	12-volt, group 26, with 540 cold cranking amps at 0 degrees F (-18 degrees C).			
<b>TRANSMISSION</b>	Rear transaxle directly connected to engine, twin axle drive. 3-speed synchromesh (forward speeds only), h-shift pattern with high-low range providing 6 forward speeds and 2 in reverse. Transmission housing doubles as hydraulic reservoir with outlet screen and external filter.			
<b>3RD GEAR HIGH LOCKOUT</b>	Interlock key switch that prevents engine from running in 3rd gear, high range HDX-D. Limits engine RPM to 2,200 in 3rd gear high range (HDX gas).			
<b>DIFFERENTIAL LOCK</b>	Manual engage rear differential lock.			
<b>4WD SYSTEM</b>	Fully automatic on-demand, bi-directional system. Uses dual bi-directional clutches. In event of rear tire slippage, clutches transmit power proportionally to front wheel with highest traction.			
<b>FRAME</b>	Steel space frame front frame and C-channel rear frame.			
<b>STEERING</b>	Hydraulic power steering with steering valve coupled to hydraulic cylinder with thru shaft. Maximum steering angle is 70 degrees on 2WD and 50 degrees on 4WD.			
<b>2-POST ROPS</b>	2-post rollover protective structure and protective back panel bolted to ROPS.			
<b>BRAKES</b>	4-wheel hydraulic disk brake system. 9 1/2" disk with hydraulic service brakes using twin piston floating calipers. Parking brake uses mechanical cable actuated caliper on rear wheels.			
<b>HYDRAULICS</b>	4 gpm (15 lpm) gear pump provides hydraulic flow for power steering and lift in series. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. 8 quart total capacity.			
<b>LIGHTS</b>	Twin halogen headlights and dual taillights actuated by switch on dash. Dual brake lights actuated by brake pedal.			
<b>SEAT BELTS / SEATS</b>	Lap seat belts standard. Bucket seats with adjustable slides to allow for various seat positions. Hip restraint tubes welded to seat mounting straps.			
<b>CONTROLS</b>	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, high-low range shifter and hydraulic lift levers.			
<b>INTERLOCK</b>	To start engine, clutch pedal must be depressed and remote hydraulic lever must be in neutral position. If installed, high flow hydraulics and rear PTO must be disengaged / switched off.			
<b>SAFETY SUPPORT</b>	7-gauge steel channel stores behind seat and fits over extended lift cylinder to prevent accidental lowering of bed.			
<b>GROUND CLEARANCE</b>	7" (18 cm) with no load.			
<b>REAR TOW HITCH</b>	Steel hitch bracket bolted to rear DeDion axle. Mounting plate provides mounting hole for pin or ball hitch and incorporates two safety chain mounting holes. Maximum tongue weight of 600 lbs (272 kg). Maximum trailer weight of 3500 lbs (1587 kg). Trailers over 1500 lbs. require trailer brakes. (Electric Brake Kit available through parts, 117-4837).			
<b>GROUND SPEED</b>	<b>Standard Tires, Gear 1/2/3</b>			
	Forward Speeds:	High Range	7.6/11.5/19.8 mph (12.2/18.5/31.9 km/h)	
		Low Range	2.9/4.5/7.7 mph (4.7/7.2/12.5 km/h)	
	Reverse Speeds:	High Range	7.1 mph (11.6 km/h)	
	Low Range	2.8 mph (4.5 km/h)		
<b>DIMENSIONS</b>	<b>Overall Length</b>	<b>Overall Width</b>	<b>Overall Height (Top of ROPS)</b>	<b>Cab</b>
	127.6" (324 cm) w/o bed 130" (330 cm) w/full bed	64.7" (164.3 cm)	75.8" (192.5 cm)	Height: 81" (206 cm) Width: 65" (165 cm)
<b>CERTIFICATIONS</b>	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet the CE Machinery Directive.			
<b>WARRANTY</b>	Two-year limited warranty. See Operator's Manual for further details.			

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WORKMAN VEHICLE ACCESSORIES	
<b>HIGH FLOW HYDRAULICS KIT</b>	Provides 8 gpm (30.3 liter) at 2000 psi hydraulic flow in a separate circuit to power certain attachments and accessories (standard on TC models). <b>Note: Model 07369 cannot run High Flow Hydraulics Kit.</b>
<b>200 GALLON SPRAYER</b>	200 gallon (757 liter) low profile tank sprayer with diaphragm pump and detachable control box. Three-section, 18.5 ft (5.6 m) open boom system.
<b>VICON SPREADER</b>	Pendulum action spreader with polyester hopper. 14.1 cu. ft. (.396 cu. m), 750 lbs (340.5 kg) capacity. Spread width is 3 - 46 ft. (1 - 14 m).
<b>TOPDRESSER 1800</b>	18 cu. ft. (.504 cu. m), 1450 lbs (541 kg) capacity conveyor belt style topdresser hydraulically driven by remote hydraulics. 60 in (152 cm) spread width. Workman bed lift cylinders raise topdresser. Spring load metering gate.
<b>TOPDRESSER 2500</b>	25 cu. ft. (.7 cu. m) capacity conveyor belt style topdresser towed by Workman vehicle. Textured belt, oscillating axles and all wheel drive. Electrically activated hydraulic brakes.
<b>PROPASS™ 200 TOPDRESSER</b>	21 cu. ft. / 0.54 cu. m struck (25 cu. ft. / 0.71 cu. m heaped) capacity spin style topdresser. Tow-behind or bed mount versions.
<b>PRO FORCE® DEBRIS BLOWER</b>	Tow-behind, self-contained engine-driven debris blower operated with a hand-held wireless RF controller. Bed mount kit available.
<b>HARD CAB</b>	Deluxe hard cab, ROPS and CE certified. Vented front glass windshield, interior dome light and a 2-speed windshield wiper. Optional heater and mirrors available.
<b>CAB SLIDING WINDOW DOOR KIT</b>	Door kit for deluxe hard cab. Operator door has a sliding window for ventilation and ability to access exterior elements such as an identification badge security entry. Passenger door has solid window.
<b>CAB REAR VIEW MIRROR KIT</b>	Externally mounted to the cab frame, operator and passenger side rear view mirrors for enhancing all around visibility.
<b>CANOPY</b>	Durable, high-density polyethylene canopy with drainage outlets for moisture runoff.
<b>FOLDING WINDSHIELD</b>	Clear high-impact modified acrylic material with fold down capability.
<b>BRAKE &amp; SIGNAL KIT</b>	Consists of turn signal lights for both corners in the front and rear of vehicle and brighter beam headlights.
<b>WORK LIGHT KIT</b>	Consists of (2) front facing and (1) rear facing work lights all mounted on top of ROPS bar.
<b>ROPS SIGNAL LIGHT KIT</b>	Consists of (2) double amber warning lights and (2) single red tail lights all for mounting on top of ROPS bar. Requires either a "Right Side" or "Left Side" light kit.
<b>AUTOMATIC TAILGATE RELEASE</b>	Provides automatic tailgate release when dumping from cargo bed and resets automatically upon lowering of bed. Works on full or 2/3 bed with full sides. Does not work with folding side kit.
<b>REAR PTO KIT</b>	Rear mounted, 540 RPM, PTO shaft mechanically driven by transaxle.
<b>HAND THROTTLE</b>	Throttle and speed limit control that provides constant RPM for stationary attachments or a controlled maximum speed for applications such as spraying or spreading (mechanical – HDX/HD & electric – HDX gas models).
<b>SPARK ARRESTOR</b>	Fits onto end of tailpipe.
<b>PLASTIC BED LINER</b>	A rugged, weatherproof one-piece plastic liner and separate tailgate liner that will protect either a full are bed with sides or a 2/3 bed with sides.
<b>HIGH AIR INTAKE KIT</b>	Kit for extending the air intake system from underneath the cargo bed to a position slightly above the ROPS shield behind the passenger position of the vehicle. Recommended for dusty work applications.
<b>REAR VIEW MIRROR KIT</b>	A single 8 1/2" (21.6 cm) convex mirror with mounting capability on either the operator or passenger side of the vehicle.
<b>2" RECEIVER HITCH KIT</b>	Provides a 2" square receiver to enable a "drawbar" hitch.
<b>TRAILER BRAKE WIRING KIT</b>	Kit provides a controller which plugs into Workman vehicle and a positive wire to assist the hook up of customer supplied electric trailer brakes.
<b>TRAILER SIGNAL WIRING KIT</b>	Kit provides electrical wire for Workman vehicle to enable easy hook up to customer supplied trailer signal and brake lights.
<b>REMOTE HYDRAULIC MANIFOLD KIT</b>	Hydraulic manifold kit that provides to ability to switch hydraulics between cargo bed actuation and remote port usage via use of a operator panel mounted switch.
<b>REMOTE HYDRAULIC FLOAT KIT</b>	Hydraulic float kit that enables both hydraulic lifting and "float" in the down position. Required when using a Deere TC125 sweeper.
<b>4WD MANUAL CONTROL</b>	Allows auto 4WD to be turned off.
<b>4 POST ROPS CANOPY KIT</b>	Canopy for use with 4-post ROPS kit.
<b>4 POST ROPS KIT</b>	Connects standard 2-post ROPS to 4-post ROPS. Required with 200-gallon sprayer.
<b>HEATER KIT</b>	Heater for use with cab. Adjustable temperature and 2-speed fan (excludes HD).
<b>BACK UP ALARM KIT</b>	Provides an audible alarm when vehicle is in reverse.
<b>BOSS® SNOW ACCESSORIES</b>	5' (1.52 m) BOSS Plow, VBX3000 Box Spreader.

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SPRAYER SPECIFICATIONS	
<b>SOLUTION TANK</b>	High-density, impact-resistant polyethylene with large 16" (41 cm) fill well, tapered bottom and sump with drain.
<b>RATED CAPACITY</b>	200 gallons (757 liters).
<b>SPRAY PUMP</b>	Hardi 364/10.0, 6-diaphragm positive displacement pump w/1" (2.5 cm) input shaft; input speed 0-540 rpm; Flow rate 45 gpm (170.3 lpm) @ 40 psi (540 rpm).
<b>AGITATOR</b>	4, side-mounted jet agitation nozzles for full tank agitation.
<b>CONTROLS</b>	Spray pump control switch, agitator jet switch, rate switch, individual boom On/Off switches, boom actuator switches, indicator lights on pump, agitation and boom switches, throttle lock.



OPEN BOOMS (STANDARD)	
<b>BOOM ASSEMBLY</b>	18.5' (5.6 m) three section, triangular truss style open booms. Optional 20.5' (6.25 m) booms available.
<b>BOOM ACTUATORS</b>	Heavy Duty hydraulic lift actuators with nitro-steel plated shafts; 1-3/4" Bore x 10.06" Stroke.
<b>SPRAY NOZZLES</b>	Eleven nozzles turrets, triple turret mount, quick-disconnect with diaphragm check valves.

MULTI PRO WM ACCESSORIES	
<b>CLEANLOAD™ EDUCTOR KIT</b>	This on-board mixing station allows rapid and safe loading of any chemical without the need to first mix into a slurry Incorporates a built-in bottle wash nozzle and has an optional suction lance to pull in powdered or liquid products from their container. Stores within the width of the machine.
<b>FRESH WATER RINSE KIT</b>	Simplifies and automates the triple-rinse process, saving hours and hours of clean up time.
<b>ELECTRIC HOSE REEL KIT</b>	150' (45.7 m) of hose for hand or walk spraying applications. Convenient electric powered rewind. Spray gun has an adjustable nozzle from stream to fan.
<b>PRO FOAM™ MARKING KIT</b>	Foam dollops ensure accurate parallel path tracking. Select foam independently or both simultaneously.
<b>ULTRA SONIC BOOM™ KIT</b>	New sonar sensors automatically maintain proper spray height over undulating turf.
<b>COVERED BOOM KIT</b>	Extends 12" (30.5 cm) below the boom to minimize chemical drift in breezy conditions while retaining full boom system functionality.
<b>AIR INDUCTION TURBO TWIN JET NOZZLES</b>	Exclusive to Toro in the 0.8 gpm (3.02 lpm), 1.0 gpm (3.79 lpm) and 1.5 gpm (5.68 lpm) sizes, for exceptional contact coverage.
<b>CONTACT &amp; SYSTEMIC NOZZLES</b>	Select the right nozzle for your application by using the new <b>Toro Nozzle Selector</b> - available via Toro.com

**WARNING**  
 THE WORKMAN® IS AN OFF-HIGHWAY VEHICLE, AND IS NOT DESIGNED, EQUIPPED, OR MANUFACTURED FOR USE ON PUBLIC STREETS, ROADS OR HIGHWAYS.



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**Count on it.**