



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
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The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

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General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#)

Procurement Folder: 278815

SO Doc Code: CRFQ

Procurement Type: Central Purchase Order

SO Dept: 0211

Vendor ID: 000000177497

SO Doc ID: GSD1700000008

Legal Name: CENTURY EQUIPMENT INC

Published Date: 12/2/16

Alias/DBA:

Close Date: 12/21/16

Total Bid: \$33,626.78

Close Time: 13:30

Response Date: 12/20/2016

Status: Closed

Response Time: 14:02

Solicitation Description: Heavy Duty Turf Vehicle

Total of Header Attachments: 2

Total of All Attachments: 2



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder : 278815
Solicitation Description : Heavy Duty Turf Vehicle
Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation Response	Version
	2016-12-21 13:30:00	SR 0211 ESR12201600000002850	1

VENDOR
000000177497 CENTURY EQUIPMENT INC

Solicitation Number: CRFQ 0211 GSD1700000008

Total Bid : \$33,626.78 **Response Date:** 2016-12-20 **Response Time:** 14:02:39

Comments: The bid price on this response is a lump sum price for the tractor and all attachments listed in the RFQ specifications regardless of being listed or not being listed in previous comment sections. Some items that were specified are standard on this unit and may not have been needed to be listed separately.

FOR INFORMATION CONTACT THE BUYER
 Linda Harper
 (304) 558-0468
 linda.b.harper@wv.gov

Signature on File	FEIN #	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Utility task vehicle UTV or recreational off highway vehicle	1.00000	EA	\$33,626.780000	\$33,626.78

Comm Code	Manufacturer	Specification	Model #
25101940			

Extended Description : Utility Turf Vehicle, John Deere Pro Gator 2020A, or equal, with attachments per the attached specifications.

Comments: Bidding Alternate, Toro HDX 4wd Workman, model # 07386, includes cab, door kit, heater, signal kit, work lights, mirrors, receiver & hitches, fold down bed sides & Boss snow blade. Meets or exceeds all specifications.



Workman® HD Series

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 towing capacity in the industry and make the Workman ready for the toughest challenges.





Workman® HD Series Specifications*

	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
ENGINE	Kubota® 972 EFI, 32.5 hp (24.2 kw), 4-cycle, liquid-cooled, 962 cc, 3-cylinder overheated 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 (18.5kw); 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). Meets all EPA & CARB emission standards.	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.
CLUTCH	7.5" (19cm) clutch and pressure plate		
INSTRUMENTATION	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.
ALTERNATOR	60 amp with electronic regulator		25 amp with electronic regulator
TIRES	Front: 20" x 9" - 12, 6-ply rating, turf tread Rear: 24" x 12" - 12, 6-ply rating, turf tread		
COOLING SYSTEM	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.
AIR CLEANER	Remote mounted, heavy-duty 2-stage air cleaner with evacuator valve.		Large capacity, dual element.
CLEARANCE CIRCLE 2WD	Inside = 32 in (81 cm); Outside = 194 in (493 cm)		
CLEARANCE CIRCLE 4WD	Inside = 100 in (254 cm); Outside = 300 in (726 cm)		N/A
FUEL CAPACITY	6 gallons (22.7 liters)		
FUEL PUMP	12V internally regulated 42 psi in-tank	Electronic pump	Diaphragm pump
FUEL FILTER	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.
HORN	Standard, button on dash on 07384TC & 07386TC. Optional on 07383, 07384 & 07386.	Standard, button on dash on 07385TC & 07387TC. Optional on 07385 & 07387.	Optional
SOUND LEVEL	75 db(A)**	85 db(A)**	80 db(A)**
VEHICLE SHIPPING WEIGHT	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)
VEHICLE ACTUAL WEIGHT W/O FUEL	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)
TOTAL CAPACITY	Model 07384:3249(1477kg) Model 07384TC:3168(1440kg) Model 07386:3190 (1450kg) Model 07386TC:3109 (1413kg)	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)
CARGO BED CAPACITY W/200 LB. OPERATOR AND 200 LB. PASSENGER	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)

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





Workman® HD Series Specifications* (continued)

SPECIFICATIONS COMMON TO WORKMAN HD SERIES VEHICLES	
FRONT SUSPENSION	Independent system with dual "A" frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5 3/4" travel.
REAR SUSPENSION	DeDion rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers. Provides 3" travel.
BATTERY	12-volt, group 26, with 540 cold cranking amps at 0 degrees F (-18 degrees C).
TRANSMISSION	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.
3RD GEAR HIGH LOCKOUT	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).
DIFFERENTIAL LOCK	Manual engage rear differential lock.
4WD SYSTEM	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.
FRAME	Steel space frame front frame and C-channel rear frame.
STEERING	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.
2-POST ROPS	2-post rollover protective structure and protective back panel bolted to ROPS.
BRAKES	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.
HYDRAULICS	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.
LIGHTS	Twin halogen headlights and dual taillights actuated by switch on dash. Dual brake lights actuated by brake pedal.
SEAT BELTS / SEATS	Lap seat belts standard. Bucket seats with adjustable slides to allow for various seat positions. Hip restraint tubes welded to seat mounting straps.
CONTROLS	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, high-low range shifter and hydraulic lift levers.
INTERLOCK	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.
SAFETY SUPPORT	7-gauge steel channel stores behind seat and fits over extended lift cylinder to prevent accidental lowering of bed.
GROUND CLEARANCE	7" (18 cm) with no load.
REAR TOW HITCH	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).
GROUND SPEED	Standard Tires, Gear 1/2/3
	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)	
DIMENSIONS	Overall Length Overall Width Overall Height (Top of ROPS)
	127.6 in (324 cm) w/o bed 64.7 in (164.3 cm) 75.8 in (192.5 cm) 130 in (330 cm) w/ full bed
CERTIFICATIONS	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.
WARRANTY	Two-year limited warranty. See Operator's Manual for further details.

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Workman® HD Series Specifications* (continued)

WORKMAN VEHICLE ACCESSORIES	
FULL AREA FLAT BED	Welded steel diamond plate flat bed that mounts to vehicle frame. Dimensions: 54.7 x 64.5 in (139 x 164 cm). Weight: 218 lbs (99 kg).
FULL FLAT BED SIDE KIT	Long bed side panels, front panel and tailgate with a fixed pivot.
1/3 FLAT BED	Welded steel diamond plate flat bed. Has (4) corner stake pockets for enhancing specialty mount applications. Dimensions: 21.5 x 54.7 in (55 x 139 cm). Weight: 55 lbs (25 kg)
1/3 FLAT BED STAKE SIDE KIT	Formed 14-gauge steel stake sides for use with 1/3 flat bed.
2/3 FLAT BED	Welded steel diamond plate flat bed. Dimensions: 48.1 x 54.7 in (122 x 139 cm). Weight: 161 lbs (73 kg)
2/3 FLAT BED SIDE KIT	Short bed side panels, front panel and tailgate with a fixed pivot for use with 2/3 flat bed. Optional tailgate release PN 92-1220.
FULL FLAT BED FOLD DOWN SIDE KIT	Hinged side panels, front panel and tailgate can be folded down independently for use with full flat bed. Dimensions: 64.5 x 54.7 x 11 in (164 x 139 x 28 cm) outside. 20 cu ft (.570 cu m) capacity. Weight = 109 lbs (49 kg)
HIGH FLOW HYDRAULICS KIT	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). Note: Model 07369 cannot run High Flow Hydraulics Kit.
200 GALLON SPRAYER	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.
VICON SPREADER	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).
TOPDRESSER 1800	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.
TOPDRESSER 2500	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.
PROPASS™ 200 TOPDRESSER	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.
PRO FORCETM DEBRIS BLOWER	Tow-behind, self-contained engine-driven debris blower operated with a hand-held wireless RF controller. Bed mount kit available.
1/3 VERTICAL LIFT	An elevating, scissor-lift work platform with 600 lb (272 kg) lift capacity that can be raised from 38 in (96.5 cm) to 98 in (249 cm). Slope indicator for safe operation. Removable over-ride key for lift controls.
HARD CAB	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.
CAB SLIDING WINDOW DOOR KIT	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.
CAB SOLID WINDOW DOOR KIT	Door kit for deluxe hard cab. Operator and passenger doors have solid windows.
CAB REAR VIEW MIRROR KIT	Externally mounted to the cab frame, operator and passenger side rear view mirrors for enhancing all around visibility.
CANOPY	Durable, high-density polyethylene canopy with drainage outlets for moisture runoff.
FOLDING WINDSHIELD	Clear high-impact modified acrylic material with fold down capability.
BRAKE & SIGNAL KIT	Consists of turn signal lights for both corners in the front and rear of vehicle and brighter beam headlights.
WORK LIGHT KIT	Consists of (2) front facing and (1) rear facing work lights all mounted on top of ROPS bar.
ROPS SIGNAL LIGHT KIT	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.
AUTOMATIC TAILGATE RELEASE	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.
REAR PTO KIT	Rear mounted, 540 RPM, PTO shaft mechanically driven by transaxle.
HAND THROTTLE	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).
SPARK ARRESTOR	Fits onto end of tailpipe.
PLASTIC BED LINER	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.
HIGH AIR INTAKE KIT	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.
REAR VIEW MIRROR KIT	A single 8 1/2" (21.6 cm) convex mirror with mounting capability on either the operator or passenger side of the vehicle.

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Workman® HD Series Specifications* (continued)

WORKMAN VEHICLE ACCESSORIES	
2" RECEIVER HITCH KIT	Provides a 2" square receiver to enable a "drawbar" hitch.
TRAILER BRAKE WIRING KIT	Kit provides a controller which plugs into Workman vehicle and a positive wire to assist the hook up of customer supplied electric trailer brakes.
TRAILER SIGNAL WIRING KIT	Kit provides electrical wire for Workman vehicle to enable easy hook up to customer supplied trailer signal and brake lights.
REMOTE HYDRAULIC MANIFOLD KIT	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.
REMOTE HYDRAULIC FLOAT KIT	Hydraulic float kit that enables both hydraulic lifting and "float" in the down position. Required when using a Deere TC125 sweeper.
4WD MANUAL CONTROL	Allows auto 4WD to be turned off.
4 POST ROPS CANOPY KIT	Canopy for use with 4-post ROPS kit.
4 POST ROPS KIT	Connects standard 2-post ROPS to 4-post ROPS. Required with 200-gallon sprayer.
HEATER KIT	Heater for use with cab. Adjustable temperature and 2-speed fan (excludes HD).
BACK UP ALARM KIT	Provides an audible alarm when vehicle is in reverse.

Multi Pro® WM – 200-Gallon Sprayer Specifications*

SPRAYER SPECIFICATIONS	
SOLUTION TANK	High-density, impact-resistant polyethylene with large 16" (41cm) fill well, tapered bottom and sump with drain.
RATED CAPACITY	200 gallons (757 liters).
SPRAY PUMP	Hardi 363/10.0, 6-diaphragm positive displacement w/1" (2.5cm) input shaft; input speed 0-540 rpm; Flow rate 49gpm (185.5 lpm) @ 40psi (540 rpm).
AGITATOR	4, side-mounted jet agitation nozzles for full tank agitation.
CONTROLS	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)	
BOOM ASSEMBLY	18.5' three section, triangular truss style open booms.
BOOM ACTUATORS	Heavy Duty hydraulic lift actuators with nitro-steel plated shafts; 1-3/4" Bore x 10.06" Stroke.
SPRAY NOZZLES	Eleven nozzles turrets, triple turret mount, quick-disconnect with diaphragm check valves.

MULTI PRO WM ACCESSORIES	
CLEANLOAD™ EDUCTOR KIT	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.
FRESH WATER RINSE KIT	Simplifies and automates the triple-rinse process, saving hours and hours of clean up time.
ELECTRIC HOSE REEL KIT	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.
PRO FOAM™ MARKING KIT	Foam dollops ensure accurate parallel path tracking. Select foam independently or both simultaneously.
ULTRA SONIC BOOM™ KIT	New sonar sensors automatically maintain proper spray height over undulating turf.
COVERED BOOM KIT	Extends 12" (30.5 cm) below the boom to minimize chemical drift in breezy conditions while retaining full boom system functionality.
AIR INDUCTION TURBO TWIN JET NOZZLES	Exclusive to Toro in the 0.8gpm (3.02 lpm), 1.0 gpm (3.79 lpm) and 1.5gpm (5.68 lpm) sizes, for exceptional contact coverage.
CONTACT & SYSTEMIC NOZZLES	See complete nozzle listing in the Multi Pro Nozzle Selection Brochure – available for download on 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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WORKMAN HDX AUTO, MODEL 07390 / 07390TC	
ENGINE	28 hp (14.9 kW) Kohler® LH775 Twin-cylinder, liquid-cooled electronic fuel injection
DISPLACEMENT	747cc
FUEL	Gasoline
COOLING	Liquid
TRANSMISSION	Variable speed transmission with forward high-low range and reverse featuring Toro SpeedContr ¹ ™
MAXIMUM SPEED	Forward low range 11 mph (17.7 km/h), Forward high range 20 mph (32.2 km/h), Reverse 13 mph (20.9 km/h)
4WD MODEL	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.
BASE MACHINE WEIGHT (INCLUDES BED)	HDX Auto 2WD: 1,905 lbs (866 kg) HDX Auto 4WD: 1,935 lbs (880 kg)
TOTAL PAYLOAD CAPACITY (INCLUDING TWO, 200LB PASSENGERS)	HDX Auto 2WD: 3,295 lbs (1498 kg) HDX Auto 4WD: 3,265 lbs (1484 kg)
CARGO BED CAPACITY (ASSUMES TWO, 200LB PASSENGERS)	HDX Auto 2WD: 2,895 lbs (1316 kg) HDX Auto 4WD: 2,865 lbs (1303 kg)
LENGTH	127.6" (324 cm) without bed; 130" (330 cm) with bed
WIDTH	64.7" (164.3 cm)
HEIGHT	75.8" (192.5 cm) to top of ROPS
CLEARANCE CIRCLE	2WD Inside = 32" (81 cm); Outside = 194" (493 cm) 4WD Inside = 100" (254 cm); Outside = 300" (726 cm)
GROUND CLEARANCE	7" (18 cm) with no load
DIFFERENTIAL LOCK	Electronic switch to engage rear differential lock
FRONT SUSPENSION	Independent suspension with dual A-frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5.75" (14.6 cm) travel.
REAR SUSPENSION	DeDion rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers. Provides 3" (7.6 cm) travel.
BRAKES	4-wheel hydraulic disc brake system
CERTIFICATIONS	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.
WARRANTY	Two-year limited warranty. See Operator's Manual for further details.
TOW HITCH	600 lbs (272 kg) tongue weight 3,500 lbs (1587 kg) trailer weight Trailers over 1,500 lbs (680 kg) require trailer brakes

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WORKMAN HDX AUTO ACCESSORIES	
FULL AREA FLAT BED	Welded steel diamond plate flat bed that mounts to vehicle frame. Dimensions: 54.7 x 64.5 in (139 x 164 cm). Weight: 218 lbs (99 kg).
FULL FLAT BED SIDE KIT	Long bed side panels, front panel and tailgate with a fixed pivot.
1/3 FLAT BED	Welded steel diamond plate flat bed. Has (4) corner stake pockets for enhancing specialty mount applications. Dimensions: 21.5 x 54.7 in (55 x 139 cm). Weight: 55 lbs (25 kg)
1/3 FLAT BED STAKE SIDE KIT	Formed 14-gauge steel stake sides for use with 1/3 flat bed.
2/3 FLAT BED	Welded steel diamond plate flat bed. Dimensions: 48.1 x 54.7 in (122 x 139 cm). Weight: 161 lbs (73 kg)
2/3 FLAT BED SIDE KIT	Short bed side panels, front panel and tailgate with a fixed pivot for use with 2/3 flat bed. Optional tailgate release PN 92-1220.
FULL FLAT BED FOLD DOWN SIDE KIT	Hinged side panels, front panel and tailgate can be folded down independently for use with full flat bed. Dimensions: 64.5 x 54.7 x 11 in (164 x 139 x 28 cm) outside. 20 cu ft (.570 cu m) capacity. Weight = 109 lbs (49 kg)
HIGH FLOW HYDRAULICS KIT	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).
200 GALLON SPRAYER	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.
VICON SPREADER	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).
TOPDRESSER 1800	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.
TOPDRESSER 2500	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.
PROPASS™ 200 TOPDRESSER	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.
PRO FORCE™ DEBRIS BLOWER	Tow-behind, self-contained engine-driven debris blower operated with a hand-held wireless RF controller. Bed mount kit available.
1/3 VERTICAL LIFT	An elevating, scissor-lift work platform with 600 lb (272 kg) lift capacity that can be raised from 38 in (96.5 cm) to 98 in (249 cm). Slope indicator for safe operation. Removable over-ride key for lift controls.
HARD CAB	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.
CAB SLIDING WINDOW DOOR KIT	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.
CAB SOLID WINDOW DOOR KIT	Door kit for deluxe hard cab. Operator and passenger doors have solid windows.
CAB REAR VIEW MIRROR KIT	Externally mounted to the cab frame, operator and passenger side rear view mirrors for enhancing all around visibility.
CANOPY	Durable, high-density polyethylene canopy with drainage outlets for moisture runoff.
FOLDING WINDSHIELD	Clear high-impact modified acrylic material with fold down capability.
BRAKE & SIGNAL KIT	Consists of turn signal lights for both corners in the front and rear of vehicle and brighter beam headlights.
WORK LIGHT KIT	Consists of (2) front facing and (1) rear facing work lights all mounted on top of ROPS bar.
ROPS SIGNAL LIGHT KIT	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.
AUTOMATIC TAILGATE RELEASE	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.
HAND THROTTLE	Throttle and speed limit control that provides constant RPM for stationary attachments or a controlled maximum speed for applications such as spraying or spreading.
SPARK ARRESTOR	Fits onto end of tailpipe.
PLASTIC BED LINER	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.
HIGH AIR INTAKE KIT	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.
REAR VIEW MIRROR KIT	A single 8 1/2" (21.6 cm) convex mirror with mounting capability on either the operator or passenger side of the vehicle.

*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.





Workman® HDX Auto Specifications* (continued)

WORKMAN HDX AUTO ACCESSORIES	
2" RECEIVER HITCH KIT	Provides a 2" square receiver to enable a "drawbar" hitch.
TRAILER BRAKE WIRING KIT	Kit provides a controller which plugs into Workman vehicle and a positive wire to assist the hook up of customer supplied electric trailer brakes.
TRAILER SIGNAL WIRING KIT	Kit provides electrical wire for Workman vehicle to enable easy hook up to customer supplied trailer signal and brake lights.
REMOTE HYDRAULIC MANIFOLD KIT	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.
REMOTE HYDRAULIC FLOAT KIT	Hydraulic float kit that enables both hydraulic lifting and "float" in the down position. Required when using a Deere TC125 sweeper.
4WD MANUAL CONTROL	Allows auto 4WD to be turned off.
4 POST ROPS CANOPY KIT	Canopy for use with 4-post ROPS kit.
4 POST ROPS KIT	Connects standard 2-post ROPS to 4-post ROPS. Required with 200-gallon sprayer.
HEATER KIT	Heater for use with cab. Adjustable temperature and 2-speed fan (excludes HD).
BACK UP ALARM KIT	Provides an audible alarm when vehicle is in reverse.

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TORO[®]

WORKMAN[®] HD SERIES
UTILITY VEHICLES



Tougher than your toughest job.

WORKMAN® HDX AUTO



NO SHIFTING. NO SACRIFICES. NO NONSENSE.

Now you can get the power, versatility and reliability you'd expect from a Toro® Heavy-Duty Workman® with something you wouldn't expect: an automatic transmission. With the Workman HDX Auto, there's no clutch, no shifting and no sacrifices. Forget about training operators how to drive a manual transmission, or tires slipping as you let out the clutch. The combination of a powerful 28 hp (20.9 kW) Kohler® EFI twin-cylinder engine with a transmission that's calibrated to deliver peak power at any speed makes this the most efficient power delivery system on the market.



» UNIQUE SPEED CONTROL

Toro's proprietary SpeedContr'l™ makes it easy for operators to maintain consistent speed over rolling fairways and hills, ensuring accurate rates when you're topdressing and spraying even as ground speed varies.



» HANDLE ANY TERRAIN WITH EASE

You can go from zero to climbing the toughest terrain effortlessly, even with a fully loaded ProPass™ 200 top dresser or Multi Pro™ WM sprayer.

WORKMAN® HD SERIES



TOUGHER. STRONGER. BETTER. MEET THE TORO WORKMAN.

You can't get more hauling capacity, versatility, or bang for your utility vehicle buck than you can with a Toro Heavy-Duty Workman. With an I-beam axle that's seven times stronger than a tubular design, a bed that hauls up to 3,352 pounds (1,520 kg), and an electronic fuel-injected engine that makes every gallon go farther, it's the highest performing utility vehicle on the market today.

UNMATCHED TOUGHNESS

The Workman gets its remarkable strength from a rear DeDion axle built with the same kind of I-beam design used in skyscrapers, along with dual independent leaf springs and shock absorbers. It gives Workman HD vehicles superior vertical loading capacity by isolating the engine, transmission and main frame from all load forces, improving durability.

INCREDIBLE STOPPING POWER

A fully-loaded Workman can build up a lot of momentum. Thanks to 4-wheel hydraulic disc brakes, there is significantly better control and stopping power. Not only are hydraulic disc brakes safer, they are easier to service than traditional drum brakes.

PRECISION WHEEL BEARINGS

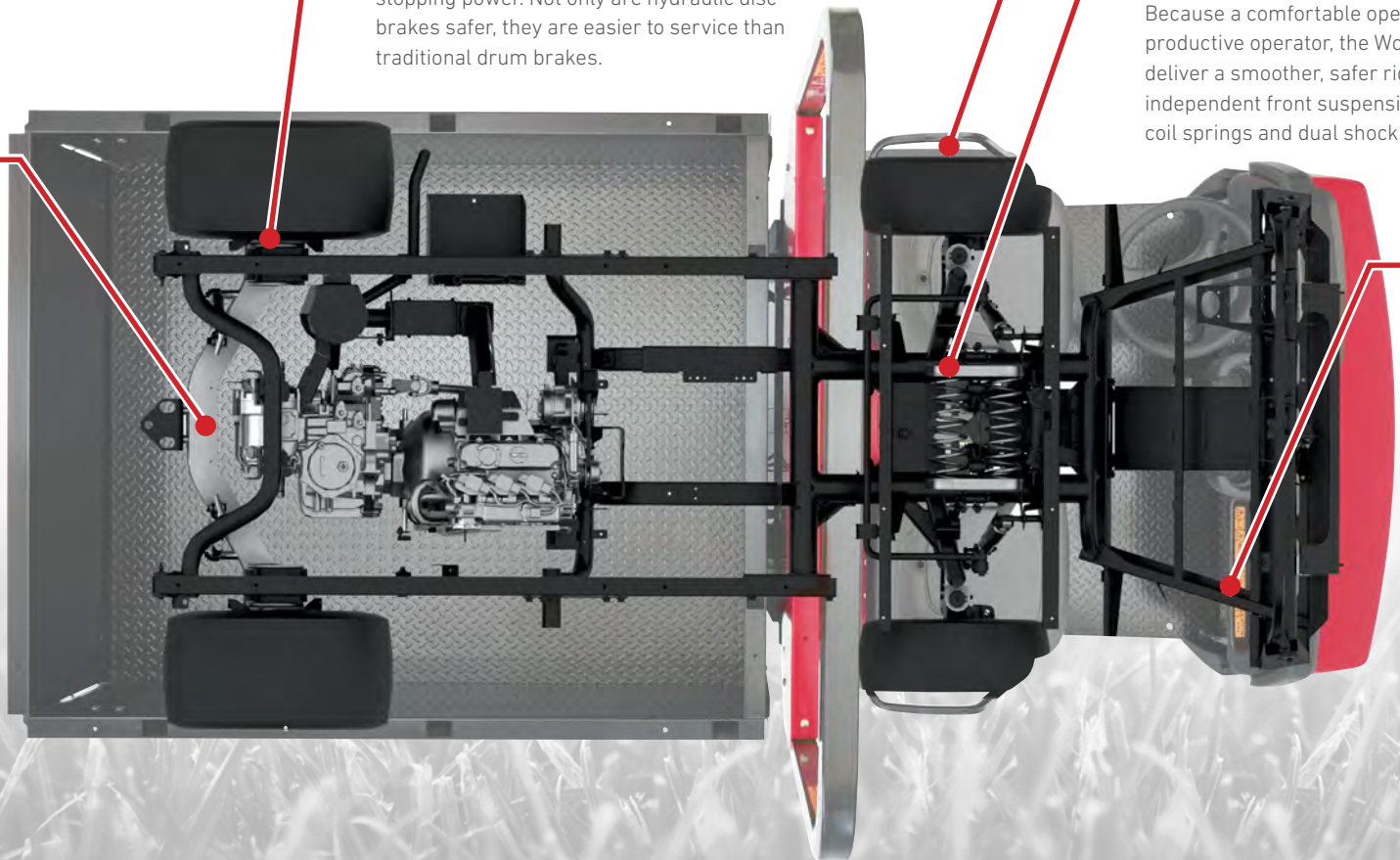
The most advanced integrated wheel bearing technology ensures the Workman keeps on rolling under the heaviest loads, day after day, job after job.

COMFORTABLE RIDE

Because a comfortable operator is a more productive operator, the Workman is engineered to deliver a smoother, safer ride. It's built with a true independent front suspension with opposing dual coil springs and dual shock absorbers.

SOLID FOUNDATION

The Workman is engineered with a truss-like front frame for superior strength and rigidity, and a C-channel rear frame design for unsurpassed performance in hauling heavy loads.



WORKMAN® HD SERIES



A THOROUGHbred WORKHORSE.

The Toro Workman is more than the industry's toughest utility vehicle. From the ground up, it was engineered to be smarter, more efficient and easier to operate. All with one goal in mind, to raise your productivity to new heights.



MORE CAPACITY AND PRODUCTIVITY

The Workman's maximum capacity of 3,352 pounds (1,520 kg) means it's up to most any challenge.

NO SLIPS OR SLIDES

The Workman is available with an on-demand four-wheel drive system that delivers surefooted traction in forward and reverse, without damaging turf.



» ALL-INCLUSIVE INSTRUMENTATION

The easy-to-read instrument panel includes fuel and temperature gauges, an hour meter, and warning lights for oil pressure, check engine and battery charge. A tachometer and speedometer are also standard on all liquid-cooled models.



» FUEL-INJECTED SAVINGS

Built with a powerful 32.5 horsepower (24.2 kW) electronic fuel injection (EFI) engine, the Workman HD shifts your productivity into high gear with a 15 to 20% increase in fuel economy, instant cold weather starting, smoother throttle response and onboard diagnostics for quick troubleshooting.

WORKMAN® HD SERIES



HIGHLY PRODUCTIVE WORK ATTACHMENTS AND ACCESSORIES.

The Workman rises to any challenge, no matter how tough the job. You can transform it in minutes with a 200-gallon (757 liter) sprayer, Patriot® aerial lift, Vicon® spreader, a topdresser and more.* Choose from a wide range of attachments and accessories featured here and online at TORO.COM/WorkmanHD.

**Trademarks are property of respective owners.*



WORKMAN HD WITH THE PROPASS™ 200 TOPDRESSER

Delivers unsurpassed versatility in topdressing, with a wireless model that lets you make adjustments in real time. Available in bed mounted or trailer versions.



» MULTI PRO® WORKMAN

Turns your Workman into a highly-efficient, precision sprayer with a 200 gallon (757 liter) tank, 3-section 18 1/2' (5.6 m) open boom system and a diaphragm pump.

**4-Post ROPS Required*



» DELUXE HARD CAB

Takes operator and passenger comfort to another level with a vented glass windshield, two-speed windshield wiper and an interior dome light. Two-door kits are also available.



VICON® SPREADER*

Pendulum action evenly spreads sand, fertilizer, seed and other dry materials. Volume 1/2 cubic yard (400 liters).



CANOPY AND FOLDING WINDSHIELD

Durable, high-density polyethylene canopy protects operators and passengers from sun and rain. Easy folding acrylic windshield allows airflow to enhance comfort.



RAHN® GROOMER*

The triple row broom is perfect for leveling uneven playing fields, with a 2-way system that provides a lock and float position to match conditions. Also useful for dethatching.



SYNTHETIC TURF CONDITIONER

Loosens infill from compacted fields, and evenly redistributes and levels the playing surface.



PATRIOT® LIFT*

25-foot (762 cm) aerial lift simplifies maintenance of trees, golf courses, parks, streetlights and more.



4-POST ROPS

Consists of four vertical posts connected together by top members to protect operator from injury in case of roll over.



ROPS SIGNAL LIGHT KIT

Protects operators with double amber warning lights and two single red taillights.



BOSS™ PLOW*

Heavy-duty front mounted plow designed to clear snow even in harsh winter conditions.



1/3 VERTICAL LIFT

A sturdy, scissor-lift platform with 600-pound (272.2 kg) capacity that can be raised up to 96 inches (243.8 cm).

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SPECIFICATIONS

WORKMAN® HD SERIES				
MODEL	HDX AUTO	HDX, HDX-4WD	HDX-D, HDX-D-4WD	HD
ENGINE:	Kohler® LH775 EFI	Kubota® 972 EFI	Kubota 902D	Kohler CH23
RATING:	28 hp (20.9 kW)	32.5 hp (24.2 kW)	23 hp (17.2 kW)	23 hp (17.2 kW)
DISPLACEMENT:	747 cc	962 cc	902 cc	674 cc
FUEL:	Gasoline	Gasoline	Diesel	Gasoline
COOLING:	Liquid	Liquid	Liquid	Air
MAXIMUM SPEED:	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)
TOTAL CAPACITY:	HDX Auto 2WD: 3,295 lbs. (1,498 kg) HDX Auto 4WD: 3,265 lbs. (1,484 kg)	HDX: 3,249 lbs. (1,473 kg) HDX-4WD: 3,190 lbs. (1,447 kg)	HDX-D: 3,244 lbs. (1,472 kg) HDX-D-4WD: 3,185 lbs. (1,445 kg)	3,351 lbs. (1,520 kg)
CARGO BED CAPACITY: <i>(WITH TWO 200 LB. PASSENGERS)</i>	HDX Auto 2WD: 2,895 lbs. (1,316 kg) HDX Auto 4WD: 2,865 lbs. (1,303 kg)	HDX: 2,849 lbs. (1,292 kg) HDX-4WD: 2,790 lbs. (1,266 kg)	HDX: 2,844 lbs. (1,290 kg) HDX-D-4WD: 2,785 lbs. (1,263 kg)	2,951 lbs. (1,338 kg)
TOW HITCH:	600 lbs. (272 kg) tongue weight 3,500 lbs. (1,587 kg) trailer weight	600 lbs. (272 kg) tongue weight 3,500 lbs. (1,587 kg) trailer weight	600 lbs. (272 kg) tongue weight 3,500 lbs. (1,587 kg) trailer weight	600 lbs. (272 kg) tongue weight 3,500 lbs. (1,587 kg) trailer weight
BED DIMENSIONS:	Length: 127.6 in. (324 cm) without bed; 130 in. (330 cm) with bed Width: 64.7 in. (164.3 cm) Height: 75.8 in. (192.5 cm) to top of ROPS			
4WD MODELS:	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.			
CERTIFICATIONS:	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emissions standards per the manufacturer. Certified to meet the CE Machinery Directive.			
WARRANTY:	Two-year limited warranty. See Operator's Manual for further details.			

For complete specifications, visit Toro.com/WorkmanHD. Specifications subject to change.

LEARN MORE

FIND COMPLETE SPECIFICATIONS, PRODUCT VIDEOS AND MUCH MORE AT

TORO.COM

KEY ACCESSORIES



» TOPDRESSER 1800/2500

- 18 or 25 cubic foot (510 or 708 liter) capacity topdressers that will ensure consistent application rates on even and uneven terrain.



» PROCORE® PROCESSOR

- Sweeps, processes, and disperses aeration cores in one, quick operation.
- Designed for large turf areas, 70" (178 cm) processing width.



» PRO FORCE® BLOWER

- Unmatched air power will allow you to blow away grass clippings, leaves, aeration cores, sand, gravel, trash or other debris with ease.



» PRO SWEEP®

- Towed, two wheel sweeper with a 25 cubic foot (698 liter) high dump hopper capable of dumping into the bed of Workman HD series vehicles.



Count on it.

LEARN MORE

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OR VISIT US AT: **toro.com**

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