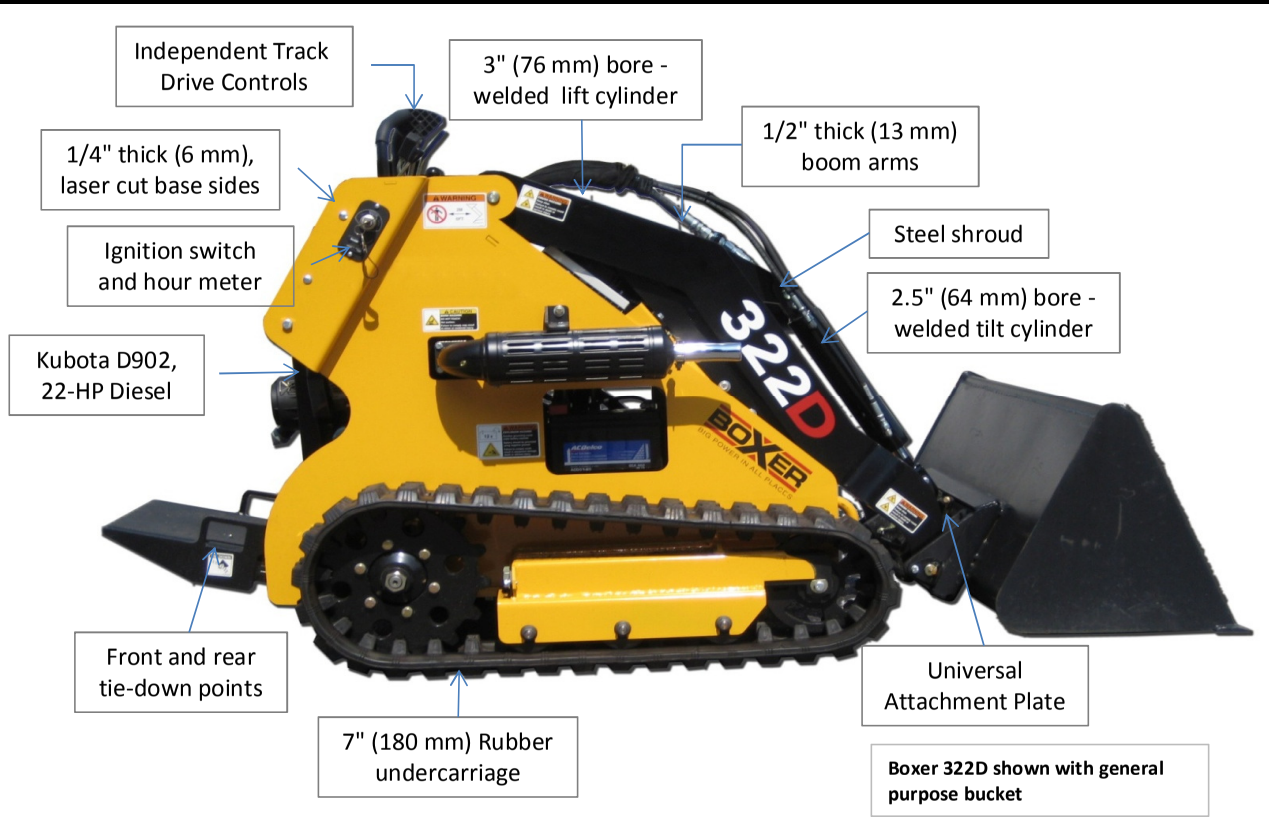
BOXER® 322D

BIG POWER IN ALL PLACES

Specifications	US	Metric
Engine	Kubota	Kubota
Cooling System	Liquid	Liquid
Horsepower	22-HP	16.4 kW
Fuel Type	Diesel	Diesel
Fuel Capacity	4.5-gallon	17-litre
Hydraulic Capacity	16.0-gallon	60.6-litre
Hydraulic Flow (Aux)	9.4 GPM	35.6 LPM
Hydraulic Flow (Drive)	3.0 GPM	11.4 LPM
System Pressure	3000 PSI	20684 kPa
Track Width	7.0"	180 mm
Weight (no attachment)	1900 lbs	861 kg
Length (no attachment)	68.0"	1727 mm
Length (with bucket)	93.0"	2362 mm
Width (overall)	34.5"	876 mm
Height (overall)	49.0"	1,245 mm
Height (fully raised)	92.0"	2337 mm
Operating Capacity (35%)	464 lbs	210 kg
Operating Capacity (50%)	663 lbs	300 kg
Tip Capacity	1325 lbs	600 kg
Dump Angle	34°	34°
Dump Height	54.0"	1372 mm
Hinge Pin Height	70.0"	1778 mm
Ground Clearance	5.0"	127 mm
Ground Pressure	3.3 PSI	22.8 kPa
Ground Speed	3.4 MPH	5.5 km/h

Equipment Highlights



Boxer 322D shown with general purpose bucket

Category	Feature	Function	Benefit
Undercarriage	180 mm (7") wide rubber undercarriage	Applies tractive effort to ground for forward and reverse movement	Low 3.3 PSI (22.8 kPa) ground pressure, and turf-friendly rubber undercarriage enables the unit to place the tractive effort where needed.
Undercarriage	Track Adjustment Wrench	Used to adjust track tension	Machine includes supplied track adjustment wrench housed behind the dash panel to adjust track tension.
Transport	Tie Downs	Allows securement point during transportation	Front and rear tie-down points allow proper securement during transportation.

Operator Station	Operator Controls - Interface	Operator control interface to operate unit	All controls are within easy reach of the operator and include an hour meter, throttle control, 2-speed travel control, auxiliary remote engagement lever, ignition switch and operational controls.
Operator Station	Operator Controls - Drive	Controls undercarriage and lift/tilt cylinder functions	Easy-to-use and control paddles for forward and reverse movement with independent track controls allows operators more finite adjustability of the drive system. Integrated operator grab handles ensure controlled unit operation and support over uneven terrain.
Operator Station	Spring loaded ride-on platform	Platform for operator to stand on while operating the unit.	Designed as a ride-on unit, the spring loaded platform allows operators to ride instead of stand with improved ergonomics and attachment visibility. The spring suspension provide cushion to the operator resulting in less fatigue and improved operator comfort.
Maintenance	Routine maintenance and service access	Allows easier routine maintenance and service access	Maintenance friendly features such as remote mounted air cleaner assembly, large body cut-outs for easy access to spark plugs, fuel filter, oil filter, oil fill, oil level and hydraulic oil level dipsticks.
Loader	Boom Lock	Used to lock boom in upright position for maintenance and repairs	Supplied boom cylinder lock conveniently located on loader arm to lock the lift cylinder when performing maintenance or repairs.
Loader	Attachment Plate	Plate used to connect attachments to unit	Universal attachment plate supports over 50 base attachments. Greasable, spring-loaded chrome pins allow easy on-off attachment hook-up.
Loader	Lift and Tilt Cylinders	Allows hydraulic raise and lower of boom and attachment plate tilt feature	Heavy-duty, welded, boom and tilt cylinders provide ample lift capabilities and longevity.
Loader	Boom Arms	Mechanism cylinders and attachment plates are connected to provide lift and tilt functions.	Heavy-duty, 1/2" (13 mm) thick plate steel boom with three cross-braces provide structural rigidity to the boom for maximum lifting capability.
Hydraulic System	Hydraulic Oil Cooler	Cools hydraulic system oil and lower hydraulic system operating temperature	Provides better cooling of hydraulic operating system to increase run time and improve hydraulic system component life.
Hydraulic System	Hydraulic pump	Dispatches oil to hydraulic functions	Tandem, gear driven hydraulic pump provides 9.4 GPM (35.6-LPM) to the auxiliary functions and 3-GPM (11.4-LPM) to the drive system for optimal power transfer from the Kubota 22-HP (16.4 kW) Diesel Engine.
Hydraulic System	Auxiliary Remotes	Used to connect hydraulic powered attachments	Single auxiliary remotes with no leak flat face couplers to connect hydraulic operated attachments.
Engine	Kubota 22-HP (16.4 kW) diesel engine	Provides power supply to run hydraulic system	Kubota D902, three cylinder, diesel engine provides ample horsepower and torque specifications to handle jobs efficiently.

Engine	Air Cleaner Assembly	Cleans intake air to engine	Dual element air cleaner assembly utilizes an inner and outer filter to trap particulates for cleaner intake air and longer service life.
Drive System	Two-speed travel	Provides transport speed selection	Unit is equipped with a two-speed travel selector. Two-speed travel allows the operator to place the available system oil where needed to accomplish their jobs more efficiently. Unit features a tandem pump - when in low speed, dedicated oil is separated to the drive and auxiliary functions. When in high speed, both pumps are locked together for high speed ground travel.
Drive System	Hydraulic motors	Provides power to drive the undercarriage	Heavy-duty, Parker 24.7 CID (405 cc) drive motors provides nearly 500 lb-ft (678 n·M) of tractive effort for the most demanding applications.
Body	Engine Shroud	Protects engine and hydraulic components from debris	Front engine enclosure protects engine and hydraulic system from falling debris.
Body	Side Plates	Exterior body of traction unit	Heavy-duty, 0.25" (6 mm) thick, laser cut, body panels provide clean body lines and rugged durability.