Specifications

KUBOTA DIESEL TRACTOR
B01 Series
HST / Gear / Narrow Specialty

Equipped from front to rear with industry-leading, easy-to-use features, including models with powerful and economy gear drive transmissions, Kubota’s B01 Series is the total package.

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**Specs:**

**Model** | B2301HSD | B2601HSD | B2401DT | B2401DTWO | B2401DTN
---|---|---|---|---|---
**Engine** | 
**Type** | E-TCVS, liquid cooled, 3-cylinder diesel | KUBOTA | KUBOTA | 

**Make, Model** | Kubota D1005 | Kubota D1105 | 

**PTO horsepower** | 17.3 (13.0) | 19.5 (14.5) | 19.2 (14.3) | 

**Engine gross horsepower** | 20.3 (15.5) | 24.3 (18.6) | 21.9 (16.3) | 

**Rated RPM** | 2800 | 2600 | 

**Bores and stroke** | in. (mm) | 3.0 x 3.9 (76 x 78.6) | 3.1 x 3.7 (78 x 78.4) | 

**Displacement** | cu. in. (cc) | 61.1 (1520) | 68.5 (1123) | 

**Air cleaner** | Dual paper element | 

**Lubrication** | Forced lubrication | 

**Cooling system** | Pressurized radiator | 

**Radiator fan** | Radial air flow | 

**Capabilities**

**Fuel tank** | gal (l) | 6.1 (23) | 4.0 (3.8) | 3.3 (3.1) |  

**Engine oil** |  

**Transmission case** | 

**Drive train**

**Clutch** | N/A | Dry single plate | 

**Transmission** | HST (3 ranges) | Gear (9 Forward, 3 Reverse) | 

**Differential lock** | Standard | 

**Final drive** | Spur gear | 

**Brake** | Multi-plate wet disc | 

**PTO**

**Type** | Independent | Transmission driven with one way clutch | 

**Rear rpm** | 540 | 1500 | 540, 4900 | 

**Mid rpm** | 2500 | N/A | 

**PTO hydraulic**

**Type** | Open center | 

**Pump** | Dual pump | 

**Total pump output** | gpm (l/min.) | 8.3 (31.4) | 7.0 (26.4) | 

**Hydraulic outlet** |  

**Hydraulic control system** | Position control valve | 

**Lift capacity at lift point** | lbs. (kg) | 1808 (820) | 1663 (750) | 1411 (640) | 1290 (585) | 1200 (545) |  

**24” behind LP** | lbs. (kg) | 

**Steering**

**Hydraulic power steering** | Integral type power steering | 

**Standard tire size**

**Front (Farm)** | 

**Rear (Farm)** | 8.12 | 7.12 | 6.12 | 5.12 | 

**Traveling speeds**

**Forward mph (km/h)** | 0.119 (0.19-1) | 0.127 (0.20-4) | 0.117 (0.18-8) | 0.109 (0.17-5) | 

**Reverse mph (km/h)** | 0.89 (0.14-3) | 0.95 (0.15-3) | 0.60 (0.9-9) | 0.58 (0.9-9) | 

**Dimensions**

**Overall length (w/o 3P)** | in. (mm) | 93.9 (2380) | 94.9 (2410) | 93.9 (2385) | 92.9 (2360) |  

**Overall width** | in. (mm) | 45.3 (1150) | 49 (1245) | 44.3 (1125) | 35.4 (900) | 

**Overall height** | in. (mm) | 85.9 (2130) | 85.0 (2130) | 83.9 (2130) | 75.2 (1910) | 

**Wheelbase** | in. (mm) | 61.4 (1560) | 

**Ground clearance** | in. (mm) | 12.0 (305) | 12.8 (325) | 12.0 (305) | 11.8 (305) | 

**Turning radius with brake test** | ft (m) | 8.9 (2.7) | 

**Weight** | lbs. (kg) | 1568 (710) | 1632 (740) | 1521 (689) | 1334 (605) | 

**SAE J1995**

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**Kubota Genuine Parts**

For maximum performance, durability and safety

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**For Earth, For Life**
Kubota’s new B01 Series compact tractors are operator friendly. They are able to handle real work all day, everyday.

Whether you are mowing lawns, landscaping or working on light construction, Kubota’s new B01 Series tractors are the ideal tools for the job. Each model offers a wide range of innovative features to provide more comfort and efficiency for the utmost productivity.

The B01 Series new gear-drive models include the affordable DT and DT Narrow that are ideal for both homeowners and professionals with specific needs. When combining the ease-of-use and versatility with the power and reliability of renowned Kubota engines and transmissions, you can complete almost any tasks you wish.

<table>
<thead>
<tr>
<th>Model</th>
<th>B2301</th>
<th>B2601</th>
<th>B2401DT</th>
<th>B2401DTWO</th>
<th>B2401DTN</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTO horsepower</td>
<td>17.5 (13.0)</td>
<td>19.5 (14.5)</td>
<td>19.2 (14.3)</td>
<td>21.9 (16.3)</td>
<td>N/A</td>
</tr>
<tr>
<td>Engine gross horsepower</td>
<td>20.9 (15.6)</td>
<td>24.3 (18.1)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Transmission type</td>
<td>HST (3 range)</td>
<td>Gear (F9/R3)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Loader valve</td>
<td>Standard (Compatible with 1-Lever Quick Coupler)</td>
<td>Optional</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**ENGINE / TRANSMISSION**

**EASY OPERATION**

**Engine**
20.9 / 21.9 / 24.3 HP liquid-cooled diesel engines, with Kubota's E-TVCS (three-vortex combustion system), offers tremendous power, high torque, cleaner emissions, and low noise and vibration.

**One-piece Metal Hood**
The front grill and newly designed headlights are integrated with the hood for easier opening and closing. The hood also provides more convenient access to the engine.

**12V Socket**
Charge your cell phone or other electronic devices with the 12-volt socket.

**3-range HST**
Our proven hydrostatic transmission provides the B01 Series with smooth shifting and powerful performance for heavy-duty loader applications. With an increased maximum speed and three range shift-speeds (Low/Med/High), the B2301/2601 models let you find the right speed to suit your task, for outstanding productivity.

**Cruise Control (HST models)**
Kubota's cruise control allows you to set, increase/decrease and override pre-set speeds quickly and conveniently.

**Gear-drive Models**
The B2401DT is an economical and reliable gear model with 9 forward and 3 reverse speeds.

**Pedal Layout**
To increase efficiency and comfort of the HST pedal, the brake pedals have been relocated to the driver's left hand side. Gear-type models feature an optimal layout of clutch and brake pedals that maximize leg space.

**Position Control**
To easily adjust the height of implements, the 3-point hitch can be raised or lowered with the 3-point position control, according to the position control lever's stopping point.

**Lever Guides**
The B01 Series features large, angled lever guides. Control lever recognition and operation is simple, intuitive, and hassle-free even for novice operators.

**HST Models**

**Gear-Drive Models**
Powerful Category I, 3-point Hitch
The 3-point hitch accepts a variety of implements for all your varying needs. Robust and versatile, the hitch can handle rotary tillers, box blades, finishing mowers, and more.

Hydraulic Independent PTO (HST Models)
The Independent PTO provides continuous travel movement since it is independent from the HST travel control.

Telescoping Stabilizers
Attaching and detaching rear implements has never been simpler. The horizontal sway of the implement is easily adjusted by aligning and setting the pin in the proper hole.

Factory Rear Remote Control Valve Kit (Optional)
The B01 Series HST models offer two optional rear remote control valves to allow acceptance of more rear implements.

Compatible with 1-lever Quick Coupler
Flat-faced, no spill coupler allows swift removal of hydraulic hoses for front attachments without the mess from hydraulic oil spillage.

Expansive Operator Platform
Thanks to a large, ISO-mounted flat deck, the operator enjoys plenty of legroom and a wider step area for easier mounting and dismounting. Widely spaced fenders also contribute to a comfortable, spacious environment.

High-back Seat (HST Models)
To increase comfort while working, the new high-back seat is specifically designed to absorb shock and reduce operator fatigue. Armrests are standard equipment for added comfort.

Tilt-steering Wheel (HST Models)
The steering wheel tilts by the easy-step pedal to improve steering comfort.
NARROW MODEL
B2401DT NARROW

The narrowest tractor available, ideal for vineyards, nurseries and greenhouses

Industry Exclusive Narrow Tractor
Kubota’s new B2401 Narrow is now the shortest width tractor to date, making it ideal for spraying, mowing and towing between tight rows. With a total width of just 35.4 inches, the B2401 Narrow can easily maneuver between rows just 48 inches apart.

Less weight, less damage for crops
At a mere 1334 lbs., the B2401 won’t damage the roots of trees and vines as it passes between tight rows.

Powerful, durability and versatility
With high horsepower and excellent durability, and easy attach/detach implements, the B2401 can do anything in any season. Spraying in the Spring, mowing in the Summer and harvesting in the Fall.

FRONT LOADER

LA435 Swift-Tach Loader
Remove your front loader in less than 70 seconds, without having to leave the operator platform. Additionally, the standard, flat-faced, no spill 1-lever Quick Coupler enables removal of all 4 hydraulic hoses simultaneously, without the hassle of hydraulic oil spillage.

2-Lever Quick Coupler (Optional)
Kubota’s quick coupler features two levers to make quick work of attaching and detaching front implements like pallet forks, snow blades, and more.

Mechanical Self-leveling (Optional)
The all new Mechanical Self-leveling option automatically maintains the angle of the loader’s attachment, which provides better loader lever control and is perfect for pallet fork applications.

Front Loader Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum lift height (to bucket pivot pin)</th>
<th>Clearance with attachment dump</th>
<th>Maximum dump angle</th>
<th>Bucket roll-back angle</th>
<th>Lift capacity (bucket pivot pin, max height)</th>
<th>Lift capacity (19.7in. forward, max height)</th>
<th>Breakout force (bucket pivot pin)</th>
<th>Breakout force (19.7in. forward)</th>
<th>Net weight (approx.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA435</td>
<td>78.5 (1995)</td>
<td>61.7 (1568)</td>
<td>40°</td>
<td>25°</td>
<td>940 (2090)</td>
<td>550 (1290)</td>
<td>2146 (973)</td>
<td>1520 (690)</td>
<td>2053 (929)</td>
</tr>
</tbody>
</table>

* Include the main frame and 50" rigid bucket.
Mid-Mount Mower & Backhoe

**Backhoe Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>BH70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport height</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Stabilizer spread - transport</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Digging depth 2ft flat bottom</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Operating height fully raised</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Loading height (length of dipper cyl.,=680mm)</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Loading reach (length of dipper cyl.,=680mm)</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Reach from swing pivot</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Swing pivot to rear axle center line</td>
<td>in.  (mm)</td>
</tr>
<tr>
<td>Angle of departure per SAE J1234</td>
<td>deg</td>
</tr>
<tr>
<td>Swing arc</td>
<td>deg</td>
</tr>
<tr>
<td>Net weight (approx.)</td>
<td>lbs. (kg)</td>
</tr>
</tbody>
</table>

**Mid-Mount Mower Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>RCK54-32</th>
<th>RCK60-32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Side Discharge</td>
<td></td>
</tr>
<tr>
<td>Number of blades</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Blade length</td>
<td>in. (mm)</td>
<td>18.7 (475)</td>
</tr>
<tr>
<td>Mounting method</td>
<td></td>
<td>Suspended</td>
</tr>
<tr>
<td>Cutting width</td>
<td>in. (mm)</td>
<td>54 (1372)</td>
</tr>
<tr>
<td>Cutting height</td>
<td>in. (mm)</td>
<td>5.0 to 6.3 (127 to 160)</td>
</tr>
<tr>
<td>Adjustment of cutting height</td>
<td></td>
<td>Dual</td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>lbs. (kg)</td>
<td>300 (136)</td>
</tr>
</tbody>
</table>

**Kubota 4-Point Quick Connect Front Hitch**

- Quickly connect or disconnect front PTO-driven attachments with the easy-to-use 4-Point Quick Connect Front Hitch.
- 4-Point Quick Connect Attachments:
  - 48” and 55” Commercial Snow Blower
  - 50” Residential Snow Blower
  - 60” Rotary Sweeper
  - 60” Blade

**NEW Goodyear R14 Tire**

The Goodyear R14 Tire provides the ultimate versatile tread choice as an Ag / Industrial hybrid and is great for turf, mud, snow, and ice applications.

**ATTACHMENTS**

- Drive-Over Mid-Mount Mower*
  - Attach the mower quickly and with ease. Simply drive the tractor over the mower to position it for fast attachment and detachment.
  - Height of mower deck should be 3 inches or less.
- BH70 Backhoe
  - Kubota’s original BH70 Backhoe is performance-matched with the B01 Series tractors to provide more power and greater digging capacity. It also features a reversible seat for more efficient operation.
  - 4-point Quick-Attach System
- Reversable Seat
- 4-point Quick-Attach System
- Cutting Height Adjustment Dial
- Suspended Mower Deck
- Kubota 4-Point Quick Connect Front Hitch

**Front Attachments**

- 50” and 54” Standard Buckets
- 60” Light Material Bucket
- 48” and 55” Commercial Snow Blower
- 50” Residential Snow Blower
- 60” Light Material Bucket
- 60” and 72” Snow Blades (with Optional Hydraulic control)