The U35-4 has a new cab so spacious, so comfortable and so deluxe, you'll think you're in a 5-tonne machine.

*This information is sourced from overseas and may not necessarily apply locally. It is essential that you confirm specifications and other information with your local Kubota dealer.
With a spacious new 5-tonne class deluxe cab, the 3.5-tonne U35-4 compact excavator brings more comfort and luxury to almost any challenge.

**AUX1 diverter valve**

The diverter valve allows auxiliary oil to be diverted to the operation of auxiliary attachments without removal of the thumb attachment pipeline for increased efficiency on the go.

**Dozer Blade Float Position**

The float function is a standard feature on the U35-4. Ground finishing work can be completed quickly and simply without the need to adjust the dozer height. After backfilling, simply travel backwards along the covered ditch with the dozer in the float position.

**KUBOTA ZERO TAIL SWING COMPACT EXCAVATOR**

U35-4
Kubota believes that operator comfort is a top priority. That's why the U35-4 is equipped with the same spacious cab as our larger 5-tonne excavators. This roomy cab features a larger entrance, more legroom and an interior that is both luxurious and comfortable. Enhanced ergonomics allow you to perform routine operations with ease.

Wider Entrance
The U35-4 features a much wider door and more ample foot space, making it a breeze to get on and off the excavator.
A. Deluxe Suspension Seat
Kubota’s high back suspension seat has been designed for maximum operator comfort and to minimize fatigue during extended machine operation. The deluxe reclining seat offers weight compensation, firm adjustable wrist support and retractable seat belts.

B. 2-speed Travel Switch
By placing the 2-speed travel switch on the dozer lever, dozing operations can be done faster and easier.

C. Cup Holder
With the convenience of a bigger cup holder, you can quench your thirst and work longer without leaving the cab. Or store your cell phone. The charging port is located conveniently close by.

D. Wrist Rest
A thoughtfully designed wrist rest enhances operation and reduces operator fatigue.

E. Air Conditioning
Enhanced air circulation in the cab results from a more powerful cooling/heating unit and six vents positioned around the operator to offer optimal all weather comfort.

TPSS
Operators can select the ISO pattern or SAE backhoe pattern by turning a switch positioned within easy reach while seated.

Easy-open Front Slide Window
Unlike many excavator windows, the front glass window of the U35-4 opens with ease. Just flip the latches on the window sides and slide it up. A gas-assist mechanism makes this action almost effortless.
Handle any job with confidence. The Kubota U35-4 combines superior power and outstanding versatility to tackle demanding jobs in a variety of conditions. Operate auxiliary attachments more easily than ever with precise oil flow control to the auxiliary circuit. More powerful arm breakout force combined with an array of enhanced functions results in the smooth, productive operation Kubota machines are known for.

Kubota Original Direct Injection Engine

The U35-4 is powered by Kubota’s impressive 24.8 HP direct injection engine. Engineered with the power to maximize digging and lifting performance, it also delivers minimized noise, vibration and fuel consumption.

Proportional flow control of auxiliary circuit (AUX1) and maximum oil flow setting

Now you can conveniently program up to five different oil flow rates for specific attachments on the new digital control panel. No tools or manual adjustment is required. And, with a maximum AUX 1 circuit oil flow now up to 60 litres you can operate a larger variety of auxiliary attachments than ever before.

Auto-shift

The U35-4 auto-shift automatically shifts travel speed from high to low, depending on traction and terrain, allowing smoother operation when dozing and turning.

Third-line hydraulic return

A standard third-line hydraulic return system allows oil return directly to the tank without running through the control valves during operation of one-way hydraulic attachments. This decreases the likelihood of oil contamination, and results in less back pressure and greater oil flow efficiency.
**Travel negative brake**
The travel negative brake locks the tracks to prevent inadvertent movement of the machine. This keeps the excavator secure during transport or while parked on slopes.

**Swivel negative brake**
The swivel negative brake automatically locks the swivel function in its current position. This prevents unexpected machine movement. It’s particularly useful during work on slopes or when towing the excavator between worksites.

**Front bush pins**
Bushings on all pivot points on the front attachment and connecting points on the swing bracket is one more feature that adds to the enviable durability of this machine.

**Auto idling system**
When U35-4 control levers are in neutral for more than 4 seconds, engine RPM automatically idles. Move any control lever, and engine RPM immediately returns. This innovative feature not only lowers noise and exhaust emissions, but also reduces operating cost and fuel consumption.

**Large-capacity variable displacement pump**
The U35-4’s performance matched boom, arm and bucket movements are the best in the industry. Kubota’s unique hydraulic system and large-capacity variable displacement pumps give you the precise control needed to operate smoothly and efficiently in confined quarters. With the hydraulic power harnessed in the U35-4’s front working group superior digging force is available when you need it.

**Zero Tail Swing**
With its counterweight protruding a mere 50 mm, the U35-4’s zero tail swing proves to be highly versatile when undertaking operations wherever space is confined, eliminating costly damage to the engine hood and side panels. For added safety and improved operator visibility, the engine hood is set 125 mm inside the edge of the counterweight.
Easy Maintenance
Kubota’s attention to user-friendliness can even be found in U35-4’s engine layout. Primary engine components are consolidated onto one side for easier access so inspections and repairs can be made quickly and easily.

Steel Panels
Durable steel side panels open easily for quick inspection and routine maintenance. Positioning inside the counterweight’s edge gives panels added protection against inadvertent damage.

Accumulator
The accumulator makes replacing attachments safer and more efficient. Turning the key to the “on” position clears residual pressure in the auxiliary hydraulic hose. If the engine is accidentally shut off while the front attachment is raised, turning the key to the “on” position allows you to safely lower it.

MAINTENANCE
Although your Kubota excavator is state-of-the-art, its maintenance doesn’t get much easier. Thanks to the full-opening rear and right side bonnets, engine, control valves and various components are accessible for easy inspection and repair.

A. Dual Element Air Cleaner  
B. Water Separator  
C. Fuel Filter  
D. Starter Motor  
E. Engine oil filter
With easy access, simple settings, and easy-to-read indicators and alerts, you’ll always be aware of the status of your excavator’s critical functions. The wider, more visible display screen with easy push button operation puts convenience at the operator’s fingertips. In keeping with Kubota’s Intelligent Control System functionality, this new digital panel is more informative and user-friendly than ever.

**Operation History Record**
Operation history is automatically recorded on the U35-4. You can trace back up to 90 days of the machine’s usage dates by simply checking the built-in calendar.

**Convenient Pre-installed Attachment Icons**

- AUX (Standard)
- Tilt Bucket
- Breaker
- Clamshell
- Auger
- Grapple
- Rotary Grapple
- Brush Cutter
**U35-4 OPTIONS**

**STANDARD EQUIPMENT**

- **Safety system**
  - Engine start safety system
  - Travel motor with disc brake
  - Swivel motor with disc brake
  - Travel alarm

- **Working equipment**
  - Auxiliary hydraulic circuit 1 with proportional control on right control lever
  - 2 working lights on cab/canopy and 1 light on the boom
  - Dozer blade with float function

- **Operator’s Space**
  - ROPS/OPG (Top Guard Level I) canopy
  - Weight-adjustable full suspension seat
  - Retractable seat belt
  - Hydraulic pilot control levers with wrist rests
  - Travel levers with foot pedals
  - Two pattern selection system
  - Digital panel with diagnosis function
  - 12V power source
  - Cup holder
  - Horn

- **Engine/Fuel system**
  - Double element air filter
  - Auto idling system
  - Water separator with drain cock

- **Undercarriage**
  - 300mm rubber track
  - 1 × upper track roller
  - 4 double-flange track rollers on each side
  - 2-speed travel switch on dozer lever
  - 2-speed travel with auto-shift

- **Hydraulic system**
  - Pressure accumulator
  - Hydraulic pressure checking ports
  - Straight travel circuit
  - Third line hydraulic return
  - 2 variable pumps and 1 gear pump
  - Adjustable maximum oil flow on auxiliary hydraulic circuits 1
  - Auxiliary hold switch (AUX1) on right control lever

- **Others**
  - Tool box
  - Grease gun holder

**WORKING RANGE**

<table>
<thead>
<tr>
<th>Model</th>
<th>U35-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging height mm</td>
</tr>
<tr>
<td>B</td>
<td>Max. dumping height mm</td>
</tr>
<tr>
<td>C</td>
<td>Max. digging depth mm</td>
</tr>
<tr>
<td>D</td>
<td>Max. vertical digging depth mm</td>
</tr>
<tr>
<td>E</td>
<td>Max. digging radius at ground mm</td>
</tr>
<tr>
<td>F</td>
<td>Max. digging radius mm</td>
</tr>
<tr>
<td>G</td>
<td>Min. turning radius W/O swing mm</td>
</tr>
<tr>
<td>H</td>
<td>Min. tail turning radius mm</td>
</tr>
</tbody>
</table>

**LIFTING CAPACITY**

<table>
<thead>
<tr>
<th>LIFT POINT HEIGHT (m)</th>
<th>LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=kg</th>
<th>LIFTING CAPACITY OVER-SIDE unit=kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LIFT POINT RADIUS (m)</td>
<td>LIFT POINT RADIUS (m)</td>
</tr>
<tr>
<td></td>
<td>2.5</td>
<td>3.5</td>
</tr>
<tr>
<td>GL 0.5</td>
<td>1410</td>
<td>820</td>
</tr>
<tr>
<td>GL 1.5</td>
<td>1040</td>
<td>680</td>
</tr>
<tr>
<td>GL 2.5</td>
<td>–</td>
<td>560</td>
</tr>
</tbody>
</table>

*Machine with ROPS canopy and rubber crawler, without bucket*
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>U35-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of ROPS / OPG (Top Guard Level I)*</td>
<td>Canopy / Cab</td>
</tr>
<tr>
<td>Type of tracks</td>
<td>Rubber / Steel</td>
</tr>
</tbody>
</table>

**Engine**

<table>
<thead>
<tr>
<th>Model</th>
<th>Kubota D1703M-DI-E4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output (SAE J1995 gross) HP (kW) / rpm</td>
<td>24.8 (18.5) / 2200</td>
</tr>
<tr>
<td>Output (SAE J1349 net)  HP (kW) / rpm</td>
<td>23.9 (17.8) / 2200</td>
</tr>
<tr>
<td>Displacement            cc</td>
<td>1647</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Overall length      mm</th>
<th>4750</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall height      Canopy / Cab mm</td>
<td>2480 / 2470</td>
</tr>
<tr>
<td>Overall width       mm</td>
<td>1700</td>
</tr>
<tr>
<td>Min. ground clearance mm</td>
<td>290</td>
</tr>
</tbody>
</table>

**Hydraulic system**

<table>
<thead>
<tr>
<th>Pump capacity          l / min</th>
<th>39.6 x 2 / 20.9 x 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary hydraulic flow</td>
<td>AUX1</td>
</tr>
<tr>
<td>Max. breakout force      kgf</td>
<td>2810 / 1920</td>
</tr>
</tbody>
</table>

**Drive system**

<table>
<thead>
<tr>
<th>Travel speed     Low / High km/h</th>
<th>3.0 / 4.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. traction force kgf</td>
<td>2760</td>
</tr>
<tr>
<td>Tumbler distance mm</td>
<td>1670</td>
</tr>
<tr>
<td>Crawler length mm</td>
<td>2090</td>
</tr>
<tr>
<td>Shoe width       mm</td>
<td>295</td>
</tr>
<tr>
<td>Ground contact pressure Rubber Canopy / Cab kPa (kgf/cm²)</td>
<td>34 (0.34) / 35 (0.36)</td>
</tr>
<tr>
<td>Steel Canopy / Cab kPa (kgf/cm²)</td>
<td>34 (0.34) / 35 (0.36)</td>
</tr>
</tbody>
</table>

**Swing system**

<table>
<thead>
<tr>
<th>Unit swing speed rpm</th>
<th>8.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom swing angle Left / Right degree</td>
<td>70 / 48</td>
</tr>
</tbody>
</table>

**Blade**

<table>
<thead>
<tr>
<th>Dimensions Width mm</th>
<th>1700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height mm</td>
<td>340</td>
</tr>
<tr>
<td>Max. lift above ground mm</td>
<td>370</td>
</tr>
<tr>
<td>Max. drop below ground mm</td>
<td>370</td>
</tr>
</tbody>
</table>

**Hydraulic oil (Reservoir / System)**

| l                        | 36 / 61       |

**Fuel reservoir**

| l                        | 45.0          |

**Operating weight**

| (Including operator’s weight @ 75 kg) kg | Rubber Canopy / Cab | 3690 / 3830 |
|                                        | Steel Canopy / Cab  | 3780 / 3920  |

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* OPG (Top Guard Level I) in accordance with ISO10262 is equivalent in definition to FOPS (Falling Object Protective Structure).

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt for almost all applications.

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**DIMENSIONS**

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