S770 - T770 - A770 | New Generation Loaders

POWER meets COMFORT BY BOBCAT
Power meets comfort

With the new Bobcat 770 loader range there is a difference you can see – and a difference you’ll experience on the job. They have been completely re-designed and offer superior power and hydraulic performance, allowing you to do more, faster and better.

Made for versatility, the S770 with its wide range of attachments is the perfect machine for construction, landscaping, demolition, forestry, agriculture and road applications.

- **More productivity in 3 compact packages:**
  - **Increased tractive effort:** you can push more and dig harder than ever before, resulting in faster cycle times.
  - **Improved hydraulic efficiency:** by increasing the hydraulic pressure and the standard hydraulic flow, the 770 series manages to get the best performance out of its wide attachment range.
  - **Upgraded cooling system:** thanks to a larger fan with a more efficient design, the cooling system allows the loaders to perform at their best for a long period.

- **Increased engine power:** turbo-charged Kubota engine, delivering 92 hp (68.6 kW) to boost your productivity.
- **Optimised fuel capacity:** new additional fuel tank allowing a total capacity of 126 l enables 25% more run time between refuelling stops.
Stay on the right track

Whenever you need to work in the most demanding conditions or extend your working season, the T770 will be your best partner. With more pushing power, more tipping load and lower ground pressure than a skid-steer loader, our compact tracked loader will be faster in various landscaping, grading, forestry and earthmoving jobs.

Thanks to a maintenance-free chaincase and forged steel rollers and idlers, uptime is maximised.

**Options for more comfort or performance:** Roller Suspension™ and 2 speed travel are just a few of the many options available.

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**World famous rugged durability:**

Thanks to heavy-duty construction, component protection and a superior design, the Bobcat loader outperforms others, maximises uptime, offers more comfort and is still the easiest and fastest to service.

- Lower rear frame extends out beyond tailgate, protecting the rear of the loader
- Quick couplers integrated into the boom
- Hydraulic hoses at the rear re-routed to stay inside the frame for better protection

The durable, all-steel Roller Suspension™ option provides a more comfortable ride and stands up to extreme conditions and materials – maximising uptime and reducing costly repairs.
All-wheel steering for a smoother ride

The new A770 is the only compact loader in the industry that can switch from turf-saving all-wheel steer to ultra-manoeuvrable skid-steer at the touch of a button.
On turf or other easily damaged surfaces, the all-wheel steer A770 will be your ideal partner.

The A770 has more lifting power, higher reach and improved hydraulic flow for greater performance and productivity:
• 3.35 m of vertical lift to load high-sided trucks
• 87.1 l/min standard hydraulic flow and 151 l/min high flow
• 341 bar hydraulic relief pressure, giving you the power you need for the most demanding tasks

Easy access to routine maintenance points
For an easy daily maintenance, the swing-open tailgate and the transverse mounted engine allow servicing from one side. Cab tilt provides easy access to the hydraulics. Unmatched access to routine and long term maintenance points.
• Improved oil cooling and radiator cleaning
• Easy access to service items
• Better hydraulic oil filtration (90 to 10 micron).

• Improved hose routings: straight fittings
• See-through hydraulic oil level gauge
• High performance air pre-cleaner
• Auto-tensioning drive belt and accessory belt
Pressurised cab for more operator comfort
Bobcat has the best cabs on the market with the largest cab space in the industry, reduced noise and vibration levels and best in class visibility.

- The cab area has been increased by 10%
- 45% larger door glass for easier entry and exit and better visibility
- New fully adjustable suspension seat
- Joysticks (option) integrated in the seat arms

First class comfort

Bobcat new generation loaders have a best-in-class pressurised cab, featuring a new one-piece seal that goes all the way around the door and fits into a special curved pocket, keeping dirt and dust out of the operating environment. Sound levels have been decreased, providing improved comfort for the operator.

- MP3 compatible radio-ready stereo (option) and 12 V power outlet, Selectable Joystick Control (option)
- Full-colour Deluxe instrument panel (option)
- Comfortable seat with fully adjustable suspension
- Heating and air conditioning (option)
### Machine Rating

<table>
<thead>
<tr>
<th>Specification</th>
<th>S770</th>
<th>T770</th>
<th>A770</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated operating capacity (ISO 14397-1)</td>
<td>1569 kg</td>
<td>1611 kg</td>
<td>1550 kg</td>
</tr>
<tr>
<td>Tipping load (ISO 14397-1)</td>
<td>3137 kg</td>
<td>4602 kg</td>
<td>3100 kg</td>
</tr>
<tr>
<td>Pump capacity</td>
<td>87.1 l/min</td>
<td>87.1 l/min</td>
<td>87.1 l/min</td>
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<tr>
<td>Pump capacity (with high flow option)</td>
<td>151 l/min</td>
<td>151 l/min</td>
<td>151 l/min</td>
</tr>
<tr>
<td>System relief at quick couplers</td>
<td>238–245 bar</td>
<td>238–245 bar</td>
<td>238–245 bar</td>
</tr>
<tr>
<td>Max. travel speed (low range)</td>
<td>11.4 km/h</td>
<td>10.6 km/h</td>
<td>11.4 km/h</td>
</tr>
<tr>
<td>Max. travel speed (high range)</td>
<td>19.8 km/h</td>
<td>17.2 km/h</td>
<td>19.8 km/h</td>
</tr>
</tbody>
</table>

### Engine

- **Make / Model**: Kubota / V3800-Di-T-E3
- **Fuel / Cooling**: Diesel / Liquid
- **Maximum power at 2400 RPM**: 68.6 kW (92 HP)
- **Torque at 1600 RPM (SAE J1995)**: 315 Nm
- **Number of cylinders**: 4
- **Displacement**: 3769 cm³

### Weights

- **Operating weight**: 4162 kg
- **4683 kg**
- **4291 kg**

### Controls

- **Vehicle steering**: Direction and speed controlled by two hand levers or joysticks (optional)
- **Loader hydraulics tilt and lift**: Separate foot pedals or optional Advanced Control System (ACS) or optional Advanced Hand Controls (AHC) or Selectable Joystick Control (SJC)
- **Front auxiliary (standard)**: Electrical switch on right-hand joystick

### Drive System

- **Transmission**: Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors

### Fluid Capacities

<table>
<thead>
<tr>
<th>Component</th>
<th>S770</th>
<th>T770</th>
<th>A770</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling system capacity with heater</td>
<td>14.4 l</td>
<td>18.5 l</td>
<td>18.5 l</td>
</tr>
<tr>
<td>Cooling system capacity w/o heater</td>
<td>-</td>
<td>15.1 l</td>
<td>15.1 l</td>
</tr>
<tr>
<td>Engine oil with filter capacity</td>
<td>11.4 l</td>
<td>11.4 l</td>
<td>11.4 l</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>124.2 l</td>
<td>134.8 l</td>
<td>109 l</td>
</tr>
<tr>
<td>Hydraulic reservoir capacity</td>
<td>11.4 l</td>
<td>11.4 l</td>
<td>11.4 l</td>
</tr>
<tr>
<td>Hydraulic / hydrostatic system capacity</td>
<td>36 l</td>
<td>36 l</td>
<td>36 l</td>
</tr>
</tbody>
</table>

### Environmental

- **Operator LpA (EU Directive 2006/42/EC) / (uncertainty)**: 83.1 dB(A) - 2.5 dB(A)
- **Noise level LWA (EU Directive 2000/14/EC)**: 102 dB(A)
- **Whole body vibration (ISO 2631–1) / (uncertainty)**: 1.12 m/s² - 0.44 m/s²
- **Hand-arm vibration (ISO 5349–1)**: 1.57 m/s² - 0.92 m/s²

### Standard Features

- **S770 / A770**: Two-speed travel
- **T770**: 450 mm rubber tracks – C-pattern

### Options

- **S770 / T770 / A770**: Deluxe instrument panel
- **Roller Suspension™ (T770 only)**
- **Cab enclosure with heating**
- **Two-speed travel (T770 only)**
- **High-flow hydraulics**
- **Power Bob-Tach™**
- **Advanced Control System (ACS)**
- **Advanced Hand Controls (AHC)**
- **Selectable Joystick Controls (SJC)**
- **12 x 16.5, 12–ply, Bobcat Heavy duty tyres**
- **33 x 15.5–16.5, 12–ply, Bobcat Super flotation tyres**
- **12 x 16.5, 12–ply, Bobcat Severe duty tyres**
- **12 x 16.5, 12–ply, Bobcat Severe duty tyres, poly filled**
- **12 x 16.5, 12–ply, Bobcat Solid flex tyres**
- **33 x 15.5–16.5, 12–ply, Bobcat Turf and Sand tyres (A770 only)**

### Specifications

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.

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