The intelligent quick coupler system for wheel loaders

Time to change!
Change hydraulic attachments in seconds

OilQuick is an automatic quick coupler system for wheel loaders, which allows hydraulic work tools to be connected and disconnected directly from the drivers cab.

The operator can change between various work tools within a few seconds, such as log forks, high dumping buckets, pallet forks with hydraulic tine adjustment, sweepers, bale clamps, rotating bale clamps etc. You always therefore have the right attachment for the job.

OilQuick launched the world’s first quick coupler system on the market in 1993, which is still regarded as the most advanced today. The system is available for Wheel loaders from 5 to 33 tons. The OilQuick system will not only make your Wheel loader but also your company more flexible, competitive and cost effective.
**Coupler function**

With OilQuick you can change hydraulic attachments directly from the drivers cab in just 10 seconds.

**Benefits with OilQuick quick couplers**

**Backward compatibility**
OQL 310 is fully backward compatible with all existing attachments for OQL 300.

**Dirt guards**
Robust dirt guards with a reliable opening mechanism protects the quick couplings when using mechanical attachments without OilQuick-function.

**Hardened hook axels**
Improves the couplers longevity and minimizes play.

**Electrical coupling**
Compact design.

**Screw-on couplings**
Hydraulic couplings with integrated guidings makes replacement and service faster.

**Sealed body**
To prevent dirt from entering the coupler body, a construction of the hydraulics compartment has been developed. The plastic protection lids are of great importance in this solution.

**Locking arms**
One piece locking arms that provides a more stable and reliable construction.

**Replacable steel bushings**
In order to keep the tight tolerances after wear and tear between the locking plungers of the locking arms and the quick coupler, replacable steel bushings have been introduced.
Benefits with OilQuick

**Fast and efficient**
The OilQuick quick coupler system enables the operator to change over quickly between various mechanical and hydraulic attachments from inside the cab. As a result, he has the right tool for the job in every situation, can work faster and more efficiently.

**Highest quality**
OilQuick quick couplers and tool adapters are of the highest quality and ensure a precision fit. The coupler locks the attachments in place at full system pressure. This ensures engagement with no play resulting in minimum wear and long service life for the coupler system.

**Safe quick coupler system**
OilQuick quick coupler systems are regarded as the safest on the market. Safety features also include double hose break valves, a system for constantly re-adjusting the locking bolts hydraulically, a lock switch with double function, a warning light and alarm.

**Improved working conditions**
As work tools are changed and coupled automatically, the operator does not have to get down from the cab. No more handling of couplings covered in oil or leaving the cab with unnecessary exposure to risks. OilQuick boosts morale at work, even in a downpour or snow storm.

**More cost effective**
Fast tool change and efficient use of the excavator help to increase productivity. Experience has shown that investing in an OilQuick quick coupler pays off when you have to change hydraulic work tools two or three times a working day.

**Eco-friendly**
All OilQuick quick couplers are fitted with leak-free oil quick couplings, which are eco-friendly.

Couplers and attachment adapters

![OQL 210 z](image)
![OQL 310](image)
![OQL 410](image)

Hydraulic attachment adapter

ISO-Adapter
### Technical data

<table>
<thead>
<tr>
<th>Coupler size</th>
<th>OQL 310-1</th>
<th>OQL 310-2</th>
<th>OQL 310-3</th>
<th>OQL 410</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight, ca. kg</td>
<td>270</td>
<td>350</td>
<td>430</td>
<td>630</td>
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<tr>
<td>Width (mm)</td>
<td>1171</td>
<td>1191</td>
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<td>1312</td>
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<tr>
<td>Working pressure (bar)</td>
<td>350</td>
<td>350</td>
<td>350</td>
<td>350</td>
</tr>
<tr>
<td>Max. number of quick couplings</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>1/2” (max 70 l/min)</td>
<td>2*</td>
<td>2*</td>
<td>2*</td>
<td>2*</td>
</tr>
<tr>
<td>3/4” (max. 140 l/min)</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Electrical coupling, 10-pole (optional)</td>
<td>Left hand side</td>
<td>Left hand side</td>
<td>Left hand side</td>
<td>Left hand side</td>
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<tr>
<td>Weight of machine</td>
<td>6-10 t</td>
<td>10-14 t</td>
<td>12-20 t</td>
<td>20-33 t</td>
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<tr>
<td>Suitable for model of Volvo</td>
<td>L50</td>
<td>L60</td>
<td>L70-L120</td>
<td>L150-L220</td>
</tr>
</tbody>
</table>

*When using an electrical coupling, one 1/2” quick coupling is replaced.*