

OilQuick USA



OilQuick USA[®]

Automatic quick coupler systems

Change hydraulic attachments in 10 seconds

OilQuick is an automatic quick coupler system that allows hydraulic work tools to be connected and disconnected from the driver's cab.

The operator can change between various work tools within seconds. Always have the right attachment at the right time for any job.

OilQuick launched the world's first quick coupler system on the market in 1993, and it is the most advanced technology for hydraulic quick couplers on the market today. The system is available for excavators from 1 to 132 U.S. ton as well as material handlers/cranes, forklifts, and wheel loaders.

The OilQuick system will help make your company more flexible, competitive and cost effective. Increase your machine's productivity up to a proven 35%, all while utilizing attachments exactly for what they are designed for.



**ANY MACHINE. ANY ATTACHMENT.
ANYTIME.**

Coupler function

Change hydraulic attachments directly from the driver's cab in just 10 seconds.



Rugged quick coupler made of high-grade steel. The mounting frame can be adjusted to fit most excavators in the weight class.

Bores for locking bolts. Optimum fit with minimum wedge effect.

H-cylinder with double hose break valves. Continuous readjustment of the locking bolts at full system pressure locks the attachments safely in place.

The **hose couplings** are connected automatically, and the attachment securely locks in place with only one cylinder movement. This enables you to change hydraulic tools in a matter of seconds.



The **OilQuick frame** has hardened pins, bevelled inner edges, drilled holes for welded pins and enables a precision fit, which connects with no play for minimum wear and long service life.

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, engages with no play resulting in minimum wear and long-service life for the coupler system.



Basic data

| Model | Width (in.) | Pin distance (in.) | Weight (lbs.) | Weight of Machine (T) | Max. number of hose couplers | | | | | Electrical Coupling (Optional) | |
|------------|-------------|--------------------|---------------|-----------------------|------------------------------|------|------|------|----|--------------------------------|------|
| | | | | | Max | 3/8" | 1/2" | 3/4" | 1" | | 1.5" |
| OQ 40/24 | 9.44 | 11.8 | 66 | 1 - 5 | 4 | 2 | 2 | | | Yes | |
| OQ 45-5 | 11.4 | 16.9 | 187 | 5.5 - 13 | 5 | 3 | 2 | | | Yes | |
| OQ 65 | 17.3 | 20.9 | 375 | 15 - 24 | 5 | | 2 | 3 | | Yes | |
| OQ 65/Rail | 17.32 | 20.4 | 375 | 15 - 24 | 8 | | 5 | 3 | | Yes | |
| OQ 70/55 | 21.7 | 23.6 | 507 | 20 - 31 | 6 | | 2 | 2 | 2 | Yes | |
| OQ 80 | 23.2 | 26.4 | 705 | 28 - 44 | 6 | | | 2 | 2 | Yes | |
| OQ 90 | 29.5 | 29.5 | 1390 | 44 - 77 | 9 | 1 | 3 | 1 | 4 | Yes | |
| OQ 120 | 34.3 | 36.4 | 2646 | 77 - 132 | 8 | | 3 | | 3 | 2 | Yes |

Cranes/Material Handlers

OQC System for Cranes/ Material Handlers

Developed by OilQuick, the **OQC System** provides unique advantages for contractors in material handling.

The OQC is an OilQuick suspended quick coupler, which is primarily designed for use on loading cranes and other handling equipment.

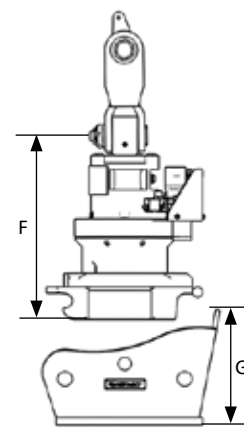
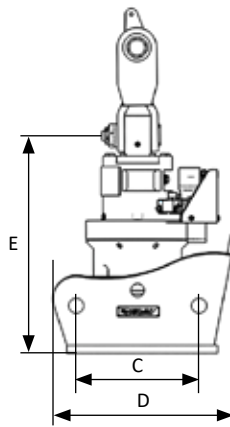
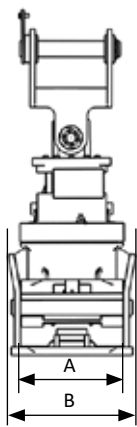
The system consists of an extremely rugged 360° rotator mounted on our fully hydraulic, tried-and-tested quick coupler. The OQC unit is suspended from the handling equipment's stick.

If required, the system can also include an electric swivel for operating lifting magnets.



Basic data

| Model | Rotator | Dimensions (in.) | | | | | | | Weight (lbs.) | | | Max. lift capacity (t) |
|----------|---------|------------------|----|----|----|----|----|----|---------------|---------|---------|------------------------|
| | | A | B | C | D | E | F | G | Coupler | Rotator | Adapter | |
| OQC65 | XR400 | 17 | 24 | 21 | 32 | 27 | 34 | 20 | 496 | 551 | 470 | 20 |
| OQC70/55 | XR600 | 22 | 30 | 24 | 37 | 30 | 27 | 25 | 816 | 705 | 758 | 30 |



| Model | Max. no. of couplings | | Electrical couplings | | Max. operating pressure | Rotation max. working pressure |
|----------|-----------------------|------|----------------------|----------------------------|-------------------------|--------------------------------|
| | 1" | 3/4" | High Power 250V | Control Power 24V, 10 Pole | | |
| OQC65 | - | 3 | Option | Option | 5076 psi | 3626 psi |
| OQC70/55 | 2 | 1 | Option | Option | 5076 psi | 3626 psi |

* Weight without grapple suspension

Forklifts

OQT System for Forklift Trucks

The operator can change between various work tools within a few seconds, such as pallet forks with hydraulic tine adjustment, bale clamps, and rotating bale clamps.



Basic data

| Model | ISO | Weight (lbs) | Weight of machine (T) | Max. number of hose couplers | | Electrical Coupling (Optional) |
|-------------|---------|--------------|-----------------------|------------------------------|------|--------------------------------|
| | | | | Max | 1/2" | |
| OQT 300i | 2A - 3A | 220 - 242 | 1 - 3 | 6 | 6 | Yes |
| OQT 850i-SS | 3A - 4A | 242 - 286 | 3 - 5 | 6 | 6 | Yes |
| OQT 850i-90 | 3A - 4A | 286 - 330 | 5 - 10 | 6 | 6 | Yes |

Wheel Loaders

OQL System for Wheel Loaders



Change tools such as log forks, high dumping buckets, pallet forks with hydraulic tine adjustment, sweepers, bale clamps, and rotating bale clamps quickly from the comfort of the cab.

Basic data

| Model | Width (in.) | Weight (lbs) | Weight of machine (T) | Working Pressure (psi) | Max. number of hose couplers | | | Electrical Coupling (Optional) |
|-----------|-------------|--------------|-----------------------|------------------------|------------------------------|------|------|--------------------------------|
| | | | | | Max | 1/2" | 3/4" | |
| OQL 310-1 | 46 | 595 | 6 - 11 | 5076 | 6 | 2* | 4 | Left hand side |
| OQL 310-2 | 47 | 772 | 11 - 15 | 5076 | 6 | 2* | 4 | Left hand side |
| OQL 310-3 | 47 | 948 | 13 - 22 | 5076 | 6 | 2* | 4 | Left hand side |
| OQL 410 | 52 | 1389 | 22 - 36 | 5076 | 6 | 2* | 4 | Left hand side |

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

OQ LockSupport

Safe Tool Change with OQ-LockSupport



- Electronic control and monitoring system with active scanning of the lock for safe use of work tool attachments.
- Dedicated, controlled coupling procedure.
 - The operator is guided through all the steps on the control panel.
 - Clear and user friendly.
 - Audio and visual signals in hazardous situations.
- Sensor scans the adapter pins and position of the locking cylinder.
 - The locking function is activated automatically without another hydraulic function having to be used.
- All system events are logged, with the last 32 listed in chronological order.
- Self-diagnosis function warns in the event of a system error.

OilQuick Tiltrotator

OilQuick Tiltrotator is a hydraulic joint that turns your excavator into a highly versatile machine. If you mount automatic OilQuick quick couplers on top of and underneath the Tiltrotator, it not only tilts to the side and rotates for greater maneuverability, but also enables you to attach hydraulic tools within seconds.



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, have the right tool for the job in every situation, so you can work faster and more efficiently.

Highest quality

OilQuick quick couplers and tool adapters are of the highest quality with a precision fit. The coupler locks the attachments in place at full system pressure, which engages 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 include double hose break valves, a system for constantly readjusting 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 helps increase productivity. Experience has shown that investing in an OilQuick quick coupler pays off when changing hydraulic work tools two or more times within a working day.

Eco-friendly

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



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