Agriculture represents the historical and traditional field of application for Faster quick-release couplings.

Agriculture is the leading field of application for quick-release hydraulic couplings. For this reason, Faster offers a wide range of products specifically designed for the agricultural sector. Faster has developed a full range of products, covering all the hydraulic connections on regular tractors, both on rear hydraulic lines and front loaders.

Our product portfolio entails various types of couplings and Multifaster, alongside tailor-made solutions, such as castings and blocks, to meet the requirements from different manufacturers. Moreover, we have selected products specifically designed for harvesting applications.
Tractor
Combine

Hydraulic connection between combine and removable header
Rear Hydraulic Lines

Lines to connect the hydraulic circuit to rear attachments, in order to power them. Some attachments may also require the «power beyond» configuration. Oil flows from the female couplings on the tractor to the male on the attachment, and returns.
Single Couplings

- **SLEEVE RETRACTION**
- **PUSH - PULL**
- **HIGH FLOW**

Faster offers a wide variety of couplings specifically designed for agriculture. All single couplings solutions for agriculture are size 1/2” and interchangeable according to ISO 7241 part A. Standard features for the Agriculture range are: carbon steel as material, CrIII as surface treatment, poppet valve and a maximum operating pressure of 25 MPa.
Sleeve Retraction

NV

Male and Female couplings with poppet valve shut-off system. Flow rate @ 0.2 MPa: 75 l/min.

CPV

Female couplings designed for panel mounting installation and connection to flexible hoses. Wide range of threaded adapters available. Flow rate @ 0.2 MPa: 75 l/min.
3CPV

Female couplings designed for panel mounting installation and connection to flexible hoses. Connectable with male under residual pressure. Flow rate @ 0.2 MPa: 75 l/min. Breakaway function.
Push-Pull

3CFPV

Push-Pull female couplings connectable with male under residual pressure. Can be screwed directly into valve ports or rigid pipes. Flow rate @ 0.2 MPa: 70 l/min. Breakaway function.

Accessories and spares

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<thead>
<tr>
<th>TM 12</th>
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<th>TA</th>
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<td>TM 12 S</td>
<td>TAID 12</td>
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Oil Collecting System

4SRPV

Push-Pull female couplings, connectable under residual pressure in both male and female side. Can be screwed directly into valve ports or rigid pipes. Flow rate @ 0.2 MPa: 70 l/min. Breakaway function.

Accessories and spares

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Oil Collecting System
6DNPV

Push-Pull female couplings for rigid mounting connectable with male and female under pressure, disconnectable under pressure with low effort. Equipped with one or two oil collecting ports to collect clean oil and reduce spillage. Flow rate @ 0.2 MPa: 50 l/min.

Accessories and spares

| TARV 34 | Seal kits |

Oil Collecting System
High Flow

3CFHF


Accessories and spares

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Oil Collecting System

4SRHF


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Oil Collecting System
**3CKHF**


**4SKHF**

Accessories and spares:

Seal kits

Oil Collecting System

REAR HYDRAULIC LINES — SINGLE COUPLINGS
Castings are the ideal solution for tractors with a technologically advanced configuration, designed to ensure better performances and avoid any leakage. They are designed to be directly screwed on control valves and tailored to the manufacturer's space needs. The castings configuration allows for mounting several Push-Pull couplings series, both in their standard or High Flow version. The improved technology lies in the coupling you choose.
Manifold Block

Cast iron block with 1/2" couplings screwed on.
Flow rate @ 0.2 MPa: up to 50 l/min.
Connection under pressure allowed depending on the mounted coupling.
Possible configuration: 3CFPV, 4SRPV, 6DNPV and High Flow couplings.

Semi-integrated Universal Cartridge

Cast iron block with semi-integrated cartridges. It can fit poppet or flat face cartridges in 2 sizes: 1/2" or 3/4".
Axial oil flow passage ensures higher flow rates and lower pressure drop.
Flow rate @ 0.2 MPa: 70 l/min for size 1/2".
Connection under pressure always allowed thanks to the lever.
Disconnection under pressure depending on the mounted cartridges.
Fully-integrated Cartridge

Cast iron block with integrated 1/2" cartridge.
Flow rate @ 0.2 MPa: up to 55 l/min.
Connection and disconnection under pressure allowed. Castings available with different configurations: series 4 (connection assisted by lever), series 5 (connection assisted by lever, no male depressurisation while disconnecting) and series 6 (no need of lever).

Accessories and spares

| Cartridge | Mask Series 5 | 4BM TA-D |

Fully-integrated Universal Cartridge

Cast iron block with fully integrated cartridges, connection assisted by lever.
Possible to fit either poppet or flat face cartridges in 3 different sizes: 1/2", 5/8" or 3/4".
Flow rate @ 0.2 MPa: 50 l/min for size 1/2".
Connection and disconnection under pressure allowed.

Accessories and spares

| Cartridge | Dust cap |

The cast iron blocks shown in the pictures are for illustrative purposes only. The shape of each block is tailor designed to meet the manufacturer’s space requirements.
Accessories and spares:

Seal kits

Oil Collecting System

REAR HYDRAULIC LINES — SINGLE COUPLINGS
Full set of flat face couplings for power beyond rear attachments, sizes in accordance with class 1 to 3 of ISO 17567 standard. Power beyond attachments allow the tractor to receive pressure feedback from the field through load signal line, in order to adjust oil flow and optimize performances.
**5FPI**

Flat face couplings specifically designed for Powerbeyond applications. Interchangeable according to ISO 16028. Connection and disconnection under residual pressure allowed. Equipped with collecting port for clean oil. Available in sizes 1/2" and 3/4". Flow rate up to 150 l/min, depending on the size.

**Accessories and spares**

**FPI**

Flat face couplings specifically designed for Powerbeyond applications. Interchangeable according to ISO 16028. Breakaway function. Connection under pressure allowed. Available in sizes 1/4", 3/8", 1/2", 3/4" and 1". Flow rate up to 210 l/min, depending on the size.

**Accessories and spares**
Faster offer for Powerbeyond covers all ports composing the Powerbeyond configuration:

<table>
<thead>
<tr>
<th>Load Signal Port</th>
<th>Drain Port</th>
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<tbody>
<tr>
<td>Return Port</td>
<td>Pressure Port</td>
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</tbody>
</table>

In order to meet the flow requirements of different attachments, Faster has adapted its offer to the 3 flow classes specified by ISO 17567:

- **Class 1** – Up to 45 l/min
- **Class 2** – 45 to 100 l/min
- **Class 3** – Above 100 l/min

### Faster couplings range for Powerbeyond applications

**Flow Class 1**  
Up to 45 l/min

- LS: FP104, FP106, FP108, SFPI08
- D:
- R: FP104
- P: FP106, SFPI08

**Flow Class 2**  
45 to 100 l/min

- LS: FP104, FP106
- D: FP106
- R: FP112
- P: SFPI08

**Flow Class 3**  
Above 100 l/min

- LS: FP116
- D: FP106
- R: FP112
- P: SFPI12
Front Loaders

Lines to connect the hydraulic circuit to front loader attachments to power them. The number of lines varies depending on the number of functions required. Very often there are also electrical connections. Multifaster are the best solution for this type of application, granting comfort and compactness.
Multifaster are the market reference to connect multiple lines, allowing an effortless connection even with residual pressure in the system. Each product entails a different combination of elements, such as number of lines, coupling size, lever and electrical connectors. The number of lines varies according to the functions performed by the attachment. Tractor front loaders are a typical application for Multifaster.
P608

Multifaster 6 lines, size 08.
Flow rate @ 0.2 MPa: 70 l/min.
Possible to mount 2 electrical connectors.

Accessories and spares

KIT3FN Seal kits KIT2FN

P506-X

Multifaster 5 lines. 4 lines 06 and 1 line 08. Line 08 can be replaced by an electrical connector.

Accessories and spares

KIT3FN Seal kits KIT2FN
**PS06**

Multifaster 4 lines, size 06. Flow rate @ 0.2 MPa: 40 l/min.

**Accessories and spares**

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**PSA06**

Multifaster 4 lines, size 06. Can be connected and disconnected both as a standard multifaster or with single lines. Single lines identified by switches of different colours. Interchangeable with PS06. Equipped with dust cover with rolls to ensure perfect sealing when not connected.

**Accessories and spares**

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Harvester/Combine

Combine/harvester machines combine in one single process three harvesting operations: reaping, threshing and winnowing. Combines are equipped with removable heads, each of them designed for a specific crop. Removable heads can be hydraulically connected and disconnected by simply using Multifaster.
Faster offers a range of Multifaster specifically designed for harvesting applications. Multifaster ensure a safe and quick connection and disconnection between the header and the harvester. This allows to easily dismantle and transport the harvester from one field to another. The Multifaster allows a very quick and safe connection and disconnection of the header, which can be replaced according to the operation that needs to be performed by the operator.
**PLV**

Multifaster 5 lines. 3 lines size 06, 2 lines size 09, 1 housing for electrical connector.
Working pressure 22 Mpa.
Flow rate @ 0.2 MPa: 3 lines 20 l/min, 2 lines 35 l/min.

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**Accessories and spares**

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**PLK**

Multifaster 5 lines. 2 lines size 06, 3 lines size 09, 1 housing for electrical connector.
Working pressure 25 Mpa.
Flow rate @ 0.2 MPa: 2 lines 20 l/min, 3 lines 35 l/min.

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**Accessories and spares**

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Multifaster 5 lines. 3 lines 04, 2 lines 06. Working pressure 25 Mpa. Flow rate @ 0.2 MPa: 3 lines 20 l/min, 2 lines 40 l/min.

Accessories and spares

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We are the global reference in quick-release hydraulic couplings