

# **FISCHER Flex1 / Flex2-XS / Flex2-S and Flex2-L + RH Roller Hoe + FH Finger Weeder, Plant-Line Weeding System**

- **Frame options**
- **Implements and Devices**
- **Hydraulic Operating Components**



## Fischer Flex1 and Flex2-XS, S and L Weeding System

The Fischer Flex1 + Flex2 (one-sided and double-sided) is a purpose designed heavy-duty MultiTool frame to carry multiple undervine implements. It is well engineered to deliver the required strength to carry the German patented RH-S roller hoe range and the FH finger weeders, also in combination with the new Rotoflex weed stem crimping rollers (latest in biodynamic growing) and many other implements. The frame is easily convertible for front and rear 3Point mounting. In case you don't have front linkage, we offer a purpose designed, front plate mountable lifting device called Fischer Flex-33 which features a universal 3Point linkage.

The Fischer Flex1 and Flex2 + RH3-S + FH-70 Red weeding system has been well received in Australia. It allows operating speeds of 6-10km/h and must be the only undervine device which works better when going faster.

The Fischer Flex2-L + RH3-S + FH-70 Red is suitable for 2m - 3.6m vineyard rows (subject to side-shift setting and RH3-S angle adjustment). Fischer offers various hydraulic positioning options, extensions and additional implements. For further details, please see attached price list.

The RH-S roller hoe comes in 5 different sizes (see attached spreadsheet). For vineyards we recommend the RH3-S which creates an approximate 25cm strip alongside the plant line. The FH-70 red finger weeder comes after and pushes firmly into the mid section of the plant-line to dislocate the roots from weeds growing there. The angle adjustment of the finger-weeder is essential for a good result.

Below you will find an example of a typical quotation for the one and double sided version. Please note that the RH3-S roller hoe in combination with the FH-70 red finger weeder does not require any hydraulic motors nor fine-sensor technology making it very economical.

Note: For motorised implements like undervine disc mowers with hydraulic fine-sensor technology, rotary cultivators like the FKT-420 (Pellenc blades) or the TWISTER bio-brush weeders require hydraulic operating components, please refer to the attached price list.

To see the system in action, please click on the following links to watch a couple of videos from our last two field demos: [17 Field Demo Fischer RH3 S + FH-70 @ Voyager Estate, Fischer Australis in the Barossa Valley, October 2017](#), [18 FISCHER FLEX2-L + RH 5SRN - FRONT - BOTH SIDES](#)



## **1 x Fischer Flex1 + RH3-S + FH-70 Red ++ (one-sided)**

- 1 x Fischer Flex1 Support Frame @ \$ on request.
- 1 x Central support wheel Flex-01 with 2 x solid rubber wheels @ \$ on request.
- 1 x RH2-S Roller hoe with attachment bracket @ \$ on request
- 1 x FH-70 Red Finger Weeder with bracket @ \$ on request.
- 1 x Metal shipping frame @ \$ on request

**Total without arm extension and without lifting facility: \$ on request ex Port Adelaide.**

### **Optional:**

- 1 x Fischer Flex-04 extension with hydraulic angle adjustment @ \$ on request.
- 1 x Flex-33 front plate mountable hydraulic lifting device with universal 3Point linkage @ \$ on request.

**As pictured below (incl. arm extension/lift & front lifting device: \$ on request.**

**Please contact us for an up to date price list.**





**1 x Fischer Flex2-L + RH3-S + FH-70 Red ++ (double sided)**

- **1 x Fischer Flex2-L MultiTool Support frame with synchronised hydraulic side-shift (front and/or rear mountable) @ \$ on request.**
- **2 x Fischer Flex-31 Lifting devices @ \$ on request. (required for uneven row ends and end-rows).**
- **1 x Fischer Flex-01 Height adjustable centre wheel assembly with 2 x solid rubber wheels @ \$ on request.**
- **2 x Fischer RH3-S (German patented) roller hoe incl. attachment bracket @ \$ on request.**
- **2 x Fischer FH-70 Red (German patented) finger weeder inclusive attachment bracket @ \$ on request.**
- **1 x metal transport/shipping frame and packaging @ \$ on request.**

**Total: \$ on request ex Port Adelaide (as pictured below).**





## Tractor requirements for the Fischer Flex2-L + RH3-S + FH-70 Red

- Front or rear 3Point linkage.
- 3 x double acting levers: 1 x for synchronised hydraulic side shift and 2 x for individual side lifting devices which are required to finish uneven row-ends and end-rows where only one side is required.

### Electrohydraulic diversion and operating valves:

1. Diversion valve to use 1 x lever for 3 functions (4-way) + remote stick @ \$ on request.
2. Diversion valve to use 1 x lever for 4 functions (6-way) + remote stick @ \$ on request.
3. E/h valve (6-way) for 3 functions using 1 x Permanent oil supply at a reduced flow with pressureless return (dump) incl. in-cabin remote control (12V) @ \$ on request.
4. E/h valve (6-way) for 4 functions using 1 x Permanent oil supply at a reduced flow with pressureless return (dump) incl. in-cabin remote control (12V) @ \$ on request.

If ordered with front plate mountable Flex-33 lifting device (\$ on request) we recommend to operate the lifting device direct from the tractor hydraulics.

For any further information and options please refer to the associated price list, or give us a call on 08 9433 3555 or via email at [sales@fischeraustralis.com.au](mailto:sales@fischeraustralis.com.au).