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**ACCLAIMED VINEYARD MOWING & WEEDING SOLUTIONS FEATURING SEAMLESS  
INTER-ROW TO UNDERVINE MOWING WITH HYDRAULIC FINE-SENSOR  
& EXPANDABLE DECK TECHNOLOGY**

WHERE **CUTTING EDGE** MEETS SUSTAINABILITY  
**SAVE PRODUCTION COSTS BY MULTI-TASKING**

ANNO 1969



CHECK IT OUT ON  
You Tube



**BV2 + TWISTER 2**

**LATEST TECHNOLOGY IN  
MECHANICAL UNDERVINE AND  
WEED MANAGEMENT MORE INSIDE>>**

**FOR A CUSTOMISED RECOMMENDATION, PLEASE CONTACT JURG MUGGLI ON 0409 572 581 OR THE OFFICE ON 08 9433 3555  
FOR QUICK ENQUIRIES PLEASE VISIT OUR WEBSITE, [WWW.FISCHERAUSTRALIS.COM.AU](http://WWW.FISCHERAUSTRALIS.COM.AU), OR FIND US AT [WWW.FATCOW.COM.AU](http://WWW.FATCOW.COM.AU)**





**FISCHER AUSTRALIS PTY LTD** was founded in 2007, inspired by the revealing results from a five-year soil improvement field trial conducted in Margaret River, Western Australia. We introduced a Fischer mower as part of maintaining permanent sward within an IPM program. Today we are proud to offer Australian growers the acclaimed and innovative mower range, manufactured by Fischer GmbH.

Founded and developed in Italy 44 years ago - Fischer GmbH is a well established family company with a world-wide reputation. Fischer mowers are exported to 25 different countries.

The main objectives of Fischer mowers encompass; handling multiple tasks in one tractor pass, making undervine and orchard management easy, reducing production costs, chemical input and improve one's carbon footprint.

Long-term experience in mechanical engineering and a consistent pro-active approach to develop

new technologies has made it possible to offer a comprehensive mower-range, tailored for Australian conditions.

The quality and longevity of Fischer mowers speak for themselves, ensuring technical simplicity, low impact on soil and user-friendly operating systems.

Fischer Australis does not spare any expense meeting specific and individual customer requirements on demand. We offer top-solutions for a wide range of vineyard and orchard layouts.

For further information, please visit our new website at **[www.fischeraustralis.com.au](http://www.fischeraustralis.com.au)**

For a personalised recommendation, please contact:

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## HINGED FISCHER GL4K


### FOR DELVED, V-SHAPED VINEYARD AND ORCHARD ROWS

Producing the Fischer GL4K was inspired by the global success of the Fischer GL4 & GL5 mowers. It can cater for delved, V-shaped vineyard and orchard rows. It is heavy-duty hinged and well engineered, featuring one centre and two counter rotating gear-drives.

The Fischer GL4K offers powerful sickle mulching like the GL4 models. We are now offering a new GL4K design for larger > 3m applications like wide vineyard rows and specialised stone-fruit, avocado and sandalwood plantations.

The NEW Fischer GL4K is centre hinged, more simple and dynamic, using only two heavy duty gear-drives which makes it front or rear mountable and extremely versatile in it's application. The hinging tolerance is - 5° to +15°. It features a more traditional and stronger hydraulic cylinder attachment, dual fine-sensor rods, standard rubber wheels and improved accessibility to conduct maintenance. It has been designed in line with the hinged Fischer GL2K mower which is available in 6 sizes being GL2K 230 / 260 / 280 / 300 / 360 & 520cm.

## FISCHER GL4K TECHNICAL DATA

MODEL	HYDRAULICALLY ADJUSTABLE WORKING WIDTH/CM	NO. ROTORS	NO. BLADES	HP REQUIREMENTS	WEIGHT/KG
			SWIVELLING MULCHING BLADES	PTO REQUIREMENTS	
GL4K/60 150 - 250	150 - 250	4	8	60-90	570
GL4K/70 150 - 270	150 - 270	4	8	60-90	580
GL4K/60 190 - 290	190 - 290	4	8	60-90	690
GL4K/70 190 - 310	190 - 310	4	8	60-90	700
GL4K/80 190 - 330	190 - 330	4	8	60-90	710
GL4K/90 190 - 350	190 - 350	4	8	60-90	720
GL4K/60 230 - 330	230 - 330	4	8	60-90	770
GL4K/70 230 - 350	230 - 350	4	8	60-90	780
GL4K/80 230 - 370	230 - 370	4	8	60-90	790
GL4K/90 230 - 390	230 - 390	4	8	60-90	800

- The **GL4K** is available with or without hydraulic fine-sensor technology.
- Providing a seamless cut from mid-row to undervine.
- Extendable outer wheels for better adaptability in various row width and delving slopes.
- Removable side panels for side-throwing on request.
- Also available with integrated herbicide spray equipment as manual or with automatic point spray facility (point spray with fine sensor only).
- The **GL4K** model range is suitable for row width from 2m - 3.5m.



**WATCH THE FISCHER GL4K  
IN ACTION ON YouTube**







# FISCHER GL4 & GL5

## VINEYARD AND ORCHARD MOWERS

The Fischer GL4 and GL5 are designed to provide growers with a total solution for effective weed control while saving time and resources by reducing tractor passes. The GL4 & GL5 can comfortably handle annual vine prunings and makes sweeping and the use of herbicides redundant.

These mowers do not use any hydraulic capacity from the tractor during operation - therefore can be used in conjunction with other hydraulically driven implements like front mounted leaf pluckers or trimmers.

### PRODUCT SUMMARY

- The Fischer **GL4** is a heavy duty inter-row to undervine/tree mower for reasonably flat terrain.
- The Fischer **GL5** is a large, heavy duty inter-row to under-tree mower for flat terrain also.
- The hydraulic fine-sensor technology makes the **GL4** & **GL5** well suited for steep hills.
- For uneven terrain and delved rows, please refer to the Fischer GL2K, GL4K and GL5K mowers.



**WATCH THE FISCHER GL4 & GL5  
IN ACTION ON YouTube**

- The **GL4** & **GL5** will provide a seamless cut from inter-row to undervine/tree and save time and valuable resources by reducing tractor passes.
- All models are available with or without hydraulic fine-sensor technology and feature hydraulically adjustable swivel-arms with swivel-arm disc rotors.
- The optional Fischer fine-sensor technology is powered by an integrated on-board hydraulic system and allows to mow around trunks, trees and trellis posts - you've got to see it to believe it.
- The **GL4** & **GL5** mowers can comfortably handle annual vine or light orchard prunings making sweeping and the use of herbicides redundant.
- The above models do not use any hydraulic capacity from the tractor during operation, therefore eliminate overheating problems and open up options for using other hydraulically operated implements like front mounted leaf pluckers or trimmers in combination with mowing.



## EXTRA EQUIPMENT

- Various available wheel options; from tandem metal to poly-foam filled rubber, fixed or caster wheels - including wheel extension kits to cater for special conditions.
- Linear side-shift on 3Point frame + 300mm both sides.
- Tow-bar for sprayer with continuous centre gear-drive.
- Integrated herbicide spray equipment, manual both sides or with automatic point spray facility.

## OBJECTIVES


- Developed and manufactured in Italy by Fischer GmbH for two generations.
- Acclaimed quality equipment.
- Recommended by Australian Managers.
- Mows around trunks, trees and trellis.
- Unique, hydraulic fine-sensor technology.
- Available in 23 different sizes plus custom configurations. Available with integrated ground spray and automatic point spray facility.
- Width adjustable to suit various row spacings.
- Low profile built to reach under established canopies & trees.
- Effective and simple to use.
- Proven rugged and built to last.
- Comprehensive backup support and spare parts service.

## GENERAL AND USEFUL INFORMATION FOR MAKING THE RIGHT CHOICE

Most of the 23 available GL4 & GL5 model-sizes are available with 600mm, 700mm, 800mm & 900mm swivel-arm discs. There are some technical limits of using the large discs with the smaller units, as there is simply not enough available space to fold the swivel-arms away, behind the maindeck. Having said that, it seems that there is almost always a way for a solution.

- For close plant spacings say 0.8m - 1.2m, one needs to match the smallest possible disc with the largest possible main mower-deck still safe and comfortable to fit down the vine or orchard rows.
- For larger plant spacings say 1.5m - 2m, one can comfortably use 700mm and 800mm discs, achieving a greater tolerance for using the machine in various row spacings.
- For very wide rows and Lyra trellis systems, one can use a larger deck with 900mm disc to reach under the overhanging canopy. We have indeed overcome some very interesting challenges. (please refer to short videos on our Facebook page).
- If various row-width need to be considered, one can achieve a greater tolerance with using a larger disc size on a smaller deck - In this case, one requires to carefully look at the percentage of the different row-width to make a best possible choice for an optimal configuration.

## FISCHER GL4 & GL5 TECHNICAL DATA

MODEL	HYDRAULICALLY ADJUSTABLE WORKING WIDTH/CM	NO. ROTORS	NO. BLADES	HP REQUIREMENTS	WEIGHT/KG
					
GL4/45 95-175 SPECIAL	95-175	4	8	50-90	260
GL4/50 110-195	110-195	4	8	50-90	260
GL4/50 120-205	120-205	4	8	50-90	290
GL4/50 130-215	130-215	4	8	50-90	300
GL4/50 140-225	140-225	4	8	50-90	310
GL4/60 140-245	140-245	4	8	50-90	320
GL4/60 160-260	160-260	4	8	50-90	365
GL4/70 160-280	160-280	4	8	50-90	380
GL4/60 180-280	180-280	4	8	50-90	390
GL4/70 180-300	180-300	4	8	50-90	405
GL4/80 180-320	180-320	4	8	50-90	440
GL4/60 200-300	200-300	4	8	50-90	450
GL4/70 200-320	200-320	4	8	50-90	470
GL4/80 200-340	200-340	4	8	50-90	480
GL4/90 200-360	200-360	4	8	50-90	490
GL4/60 220-320	220-320	4	8	75-90	498
GL4/70 220-340	220-340	4	8	75-90	515
GL4/80 220-360	220-360	4	8	75-90	525
GL4/90 220-380	220-380	4	8	75-90	535
GL4/90 240-400	240-400	4	8	75-90	565
GL5/90 290-450	290-450	5	10	75-100	850
GL5/90 330-490	330-490	5	10	75-100	899
GL5/90 360-520	360-520	5	10	75-100	1100



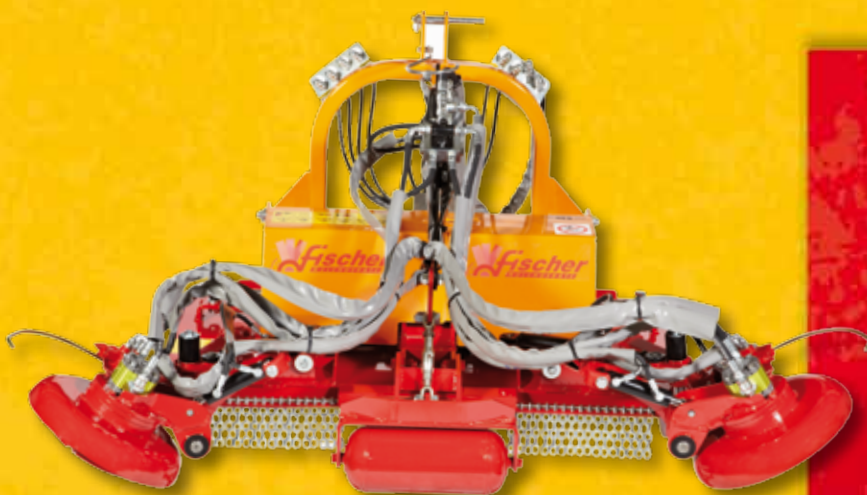




## FISCHER BV2

The Fischer BV2 mower is Europe's most popular vineyard and orchard mower. It features unique, low maintenance deck-expansion technology, which makes it most versatile for the use in various row-width. Due to these characteristics, it has now become the ideal partner for alternative undervine and tree-line weeding systems like the TWISTER 2 bio-brush weeder and the hydraulically powered and angle adjustable swivel-arm disc system the HD-T-BV.

- The **BV2** mower can be equipped with integrated herbicide spray equipment on both sides.
- Available with extra hydraulic side-shift both sides +30/+30cm.
- See available model sizes in table below.



## FISCHER HD-T-BV

### KNOWS NO LIMITS

The Fischer HD-T-BV is another NEW exciting BV2 variation which incorporates two 400mm or 600mm hydraulically powered swivel-arm cutting discs mounted onto the expandable deck, Fischer BV2 mower.

This mower allows precision undervine mowing using the width adjustable Fischer BV2 and the small disc sizes to mow around trunks and trellis - it can also mow small row-terraces.

### HD-T-BV PRODUCT SUMMARY

- Robust, low maintenance, hydraulically adjustable, expandable-deck technology (BV2).
- Two heavy duty multi-function, hinged swivel-arm disc cutters on either side.
- Hydraulically powered and liftable swivel-arm disc cutters (hydraulic angle adjustment).
- Hydraulic fine-sensor technology.
- The system is suitable for 1.8m - 3.6m rows (various model sizes).

For available sizes, please refer to the related table (Fischer BV2 sizes) and add, say for the largest BV2 220-300 + 2 x 400mm discs - lose 150mm for the over-cut on both sides - end up with an over all working width of 3.5m. respective of 3.9m with 600mm discs.

We recommend an undervine over-cut of 100 - 200mm from both sides.



# FISCHER BV2 + TWISTER 2

## THE FAST PACED COMBO

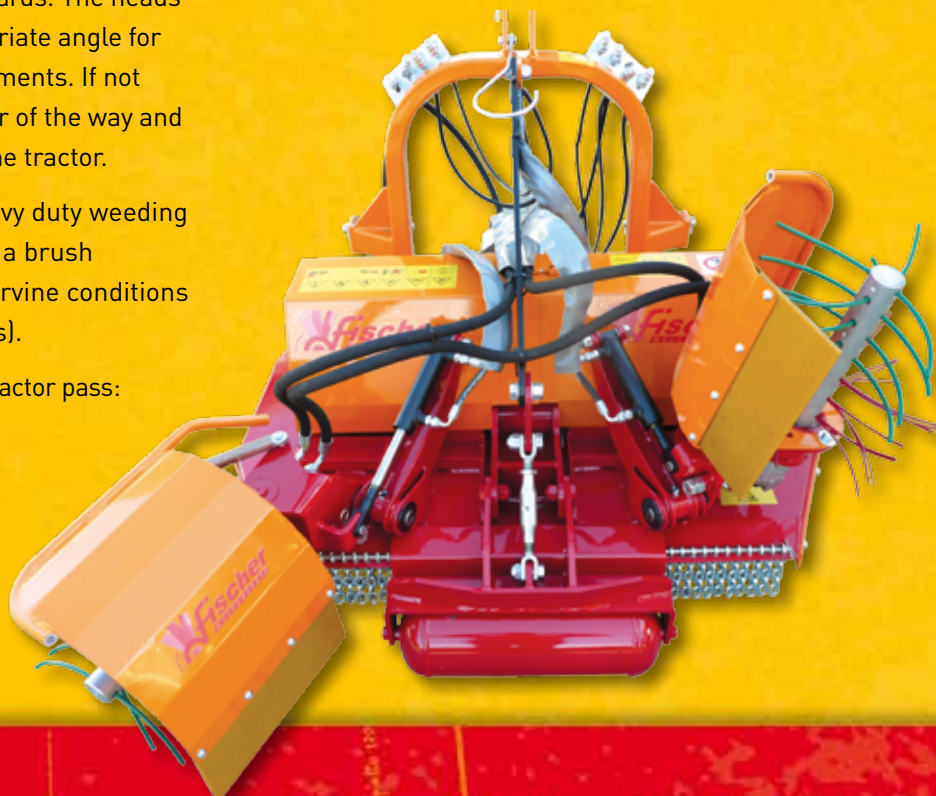
The Fischer BV2 + TWISTER 2 is a heavy duty, expandable deck mower with integrated, hydraulically driven high speed bio-brush weeding system. This system represents the latest technology of mechanical weed control for vineyards and orchards.

The TWISTER brushes are hydraulically powered, high speed bio-brush weeders mounted to the mower on a sophisticated spring back bracket, equipped with safety guards. The heads are individually liftable to adjust to an appropriate angle for cleaning up side terraces and small embankments. If not required, the brush heads can be lifted up out of the way and turned off by an electric switch from inside the tractor.

The weed-brushes are made from 8mm heavy duty weeding twine with a KEVLAR core - reports suggest a brush lifespan of 15 - 30Ha depending on the undervine conditions (e.g presents of rocks or/and nature of rocks).




- The **BV2 + TWISTER 2** can do 3 jobs in one tractor pass:

- 1. Mows and mulches the inter-row.**
- 2. Most gently cleans up undervine and around posts to ones liking.**
- 3. Removes basal water-shoots at the same tractor pass.**



- The **BV2 + TWISTER 2** can be operated at a fast pace of 5 - 8km/hr.s.
- The system is available for row-width from 1.8m to 3.5m.
- All hydraulic requirements can be met by the tractor; it requires 3 x double acting leavers and 1 x constant supply & return. The required hydraulic oil capacity is 22L/min.

## FISCHER BV2 TECHNICAL DATA

MODEL	WORKING WIDTH CM	NO. ROTORS	NO. BLADES	HP REQUIREMENTS	WEIGHT/KG
			PIVOTED BLADES	PTO REQUIREMENTS	
<b>BV2 110 - 145</b>	110 - 145	2	4	40-80	430
<b>BV2 125 - 175</b>	125 - 175	2	4	40-80	470
<b>BV2 140 - 195</b>	140 - 195	2	4	40-80	510
<b>BV2 160 - 230</b>	160 - 230	2	4	40-80	580
<b>BV2 190 - 260</b>	190 - 260	2	4	40-80	690
<b>BV2 220 - 300</b>	220 - 300	2	4	40-80	790
				Bio-weed brush length	Bio-weed brush length
<b>BV2+TWISTER 2</b>	All above models	2	4	345mm	550mm
				Swivel-arm disc	Swivel-arm disc
<b>HD-T-BV</b>	All above models	2	4	400mm	600mm



**WATCH THE FISCHER BV2  
IN ACTION ON YouTube**



**WATCH THE BV2 + TWISTER  
IN ACTION ON YouTube**




# FISCHER GL2 FIX

## THE UNIVERSAL

The Fischer GL2 FIX is a robust, PTO driven, multi-purpose vineyard, orchard, farm, municipal or road maintenance mower.

- The **GL2 FIX** features one centre and two counter rotating gear-drives.
- Available in 13 different sizes and various configuration options (i.e wheels and linkage options, side-shift, herbicide spray options).
- The **GL2 FIX** is available as rear, front or front & rear mountable featuring a dual input, centre gear-drive and double 3Point linkage.
- Available with heavy duty, integrated, hydraulic side-shift to both sides on the 3 point frame (+ 30cm to either side).
- All **GL2 FIX** models are rated for 40 - 80 HP.



MODEL	WORKING WIDTH/CM	NO. ROTORS	NO. BLADES	HP REQUIREMENTS	WEIGHT/KG
			PIVOTED BLADES	PTO REQUIREMENTS	
<b>GL2 FIX 95</b>	95	2	4	40-80	320
<b>GL2 FIX 110</b>	110	2	4	40-80	360
<b>GL2 FIX 120</b>	120	2	4	40-80	365
<b>GL2 FIX 130</b>	130	2	4	40-80	370
<b>GL2 FIX 140</b>	140	2	4	40-80	380
<b>GL2 FIX 150</b>	150	2	4	40-80	390
<b>GL2 FIX 160</b>	160	2	4	40-80	405
<b>GL2 FIX 180</b>	180	2	4	40-80	420
<b>GL2 FIX 200</b>	200	2	4	40-80	435
<b>GL2 FIX 220</b>	220	2	4	40-80	450
<b>GL2 FIX 240</b>	240	2	4	40-80	470
<b>GL2 FIX 250</b>	250	2	4	40-80	490
<b>GL2 FIX 280</b>	280	2	4	40-80	530



**WATCH THE FISCHER GL2 FIX  
IN ACTION ON YouTube**



## SPARE PARTS AVAILABLE

Fischer Australis is offering an extensive range of spare parts and comprehensive technical aftersale support for growers in Australia & New Zealand.

We are well trained in trouble-shooting and quick in our response. We can offer you an advanced service, as we know the ins & outs of our products well. We are in regular contact with the manufacturer who is also dedicated for providing comprehensive information as required.

Spare parts are available from our Spare Parts Department in Beaconsfield, WA. We are usually able to deliver spare parts within 2 - 5 days within Australia and 5 - 7 days to New Zealand.

For any technical advice and emergencies, please call us on 0409 572 581 or send an SMS to the same number.

For WARRANTY matters, please supply photographs of the affected area via email [jmuggli@fischeraustralis.com.au](mailto:jmuggli@fischeraustralis.com.au)



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