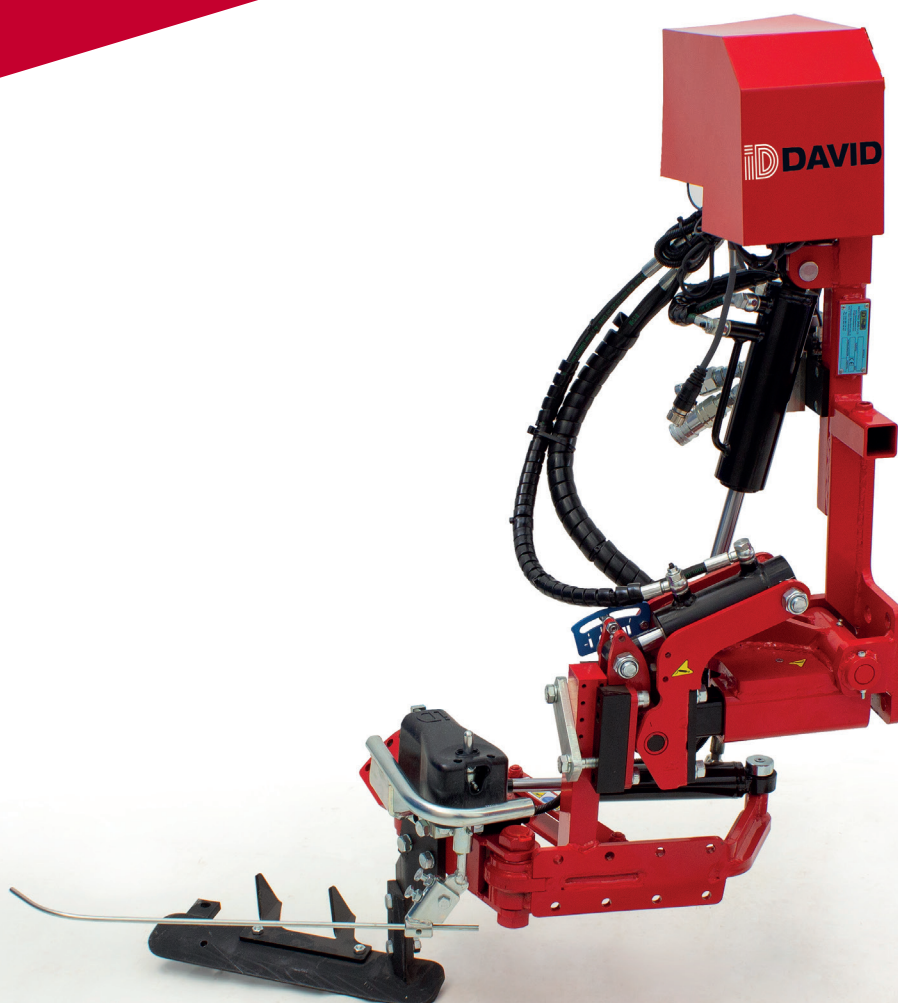


# VENTRAL

EN

*In-row weeders to be mount on the right side of the tractor between wheels*

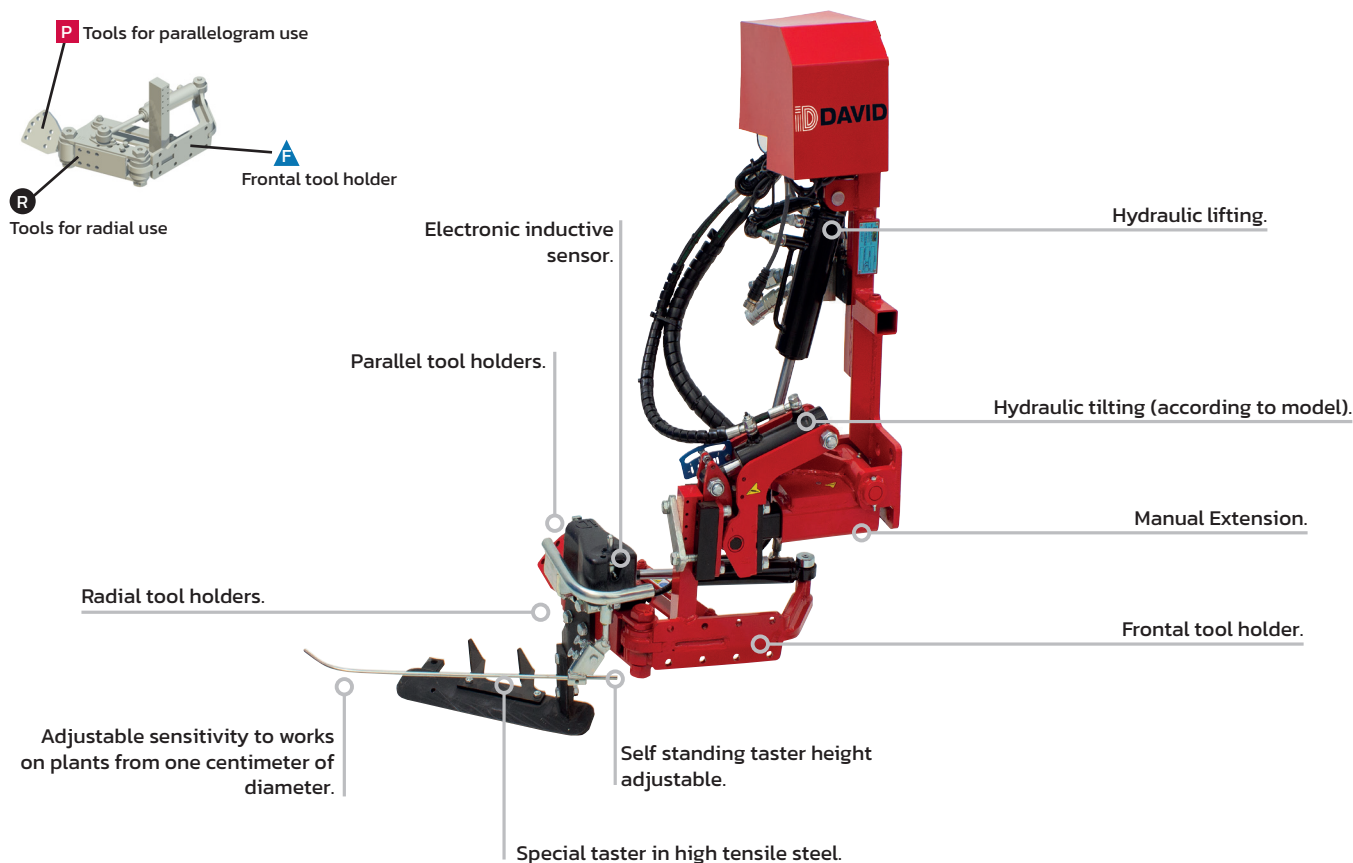


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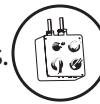
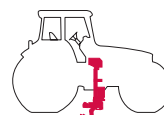
# VENTRAL



**In-row weeders to be mount on the right side of the tractor between wheels.** Easy disassembly and adjustable on height, width and angle.



PICTURE MODEL:  
VDM-IH



## Versatility

- The widest range of products and accessories on the market. A custom configuration to suit your needs.
- Different tools that allow both surface and tillage works up to 20 cm deep.
- The ID-CONTROL joystick allows to control all the machines manufactured by ID David and equipped with the ID-PLUS or ID-MICRO technology.

## Exclusivity

- The exclusive undervine weeder that combines the "parallelogram-radial" movement.
- Faster, safer and endowed with unmatched versatility thanks to its triple tool holder.
- Opportunity to work between plants starting from 1 cm diameter thanks to our adjustable and progressive electronic sensor, the arm is moving at the right time to save the plant.

## Effectiveness

- Time is valuable, it is possible to work up to 12 km/h with a standard soil conditions.
- The easy adjusting of hydraulic pressure of the in row weeder assured a perfect work in any type of soil.

## Reliability

- Components and materials of high quality from certified manufacturers.
- Heavy duty frame and robotic welding.
- Experience in the manufacture of electrohydraulic undervine weeders since 1974.

## Safety

- As standard all models are fitted with an exclusive safety locking system in case of faults.
- Enables route deviations up to 30 cm in the plantation rows.
- Our equipment incorporates easy, comfortable and safe tool replacement systems.

## Sustainability

- Ecological alternative to the use of herbicides.
- Our painting is lead-free and without toxic pigments.
- Improves the structure and porosity of the soil.

## Standard Equipment

- Anti-shock sensor protector.
- Hydraulic pressure regulator.
- Hydraulic lifting.
- Electro hydraulic in row weeder.
- Tool kit for sensor regulation.
- Arm "D" and Plough blade to weed manufactured in boron steel.
- Quick coupling kit for power tools.
- Special testrod sensor in high tensile steel.
- Security system under damages.
- Self standing taster height adjustable.
- Electronic inductive sensor.
- Adaptable standard plate to tractor side.
- Electrohydraulic quick coupling.

## Remote control type

### ID-PLUS

- Includes ID-CONTROL multifunction joystick.
- Includes ON-OFF of powered tools.
- Includes an electronic microcontroller: allows software updates at any time.
- Up to 5 additional electro-hydraulic functions.

### ID-MICRO

- ! NOT included the ID-CONTROL multifunction joystick.
- Only for customers who already have the ID-CONTROL multifunction joystick.
- Includes ON-OFF of powered tools.
- Includes an electronic microcontroller: allows software updates at any time.
- Up to 5 additional electro-hydraulic functions.

### ID-BASIC

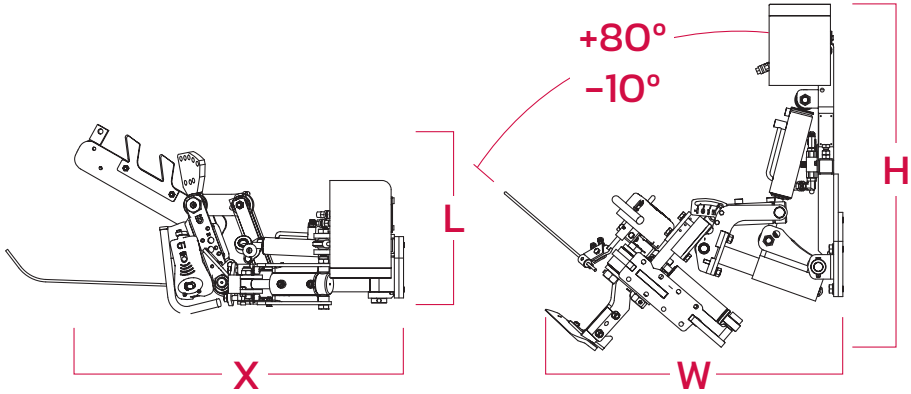
- Includes an electric control box.
- ! NO additional electro-hydraulic function allowed.
- ! NOT allowed any updates of electro-hydraulic functions.

		 <b>ID-PLUS</b>	 <b>ID-MICRO</b>	 <b>ID-BASIC</b>
<b>VENTRAL</b>	cm	REF.	REF.	REF.
	55	VDM-1	VDM-2	VDM-3
<b>WITH TILTING FUNCTION</b> 	55	VDM-IH-1	VDM-IH-2	VDM-IH-3

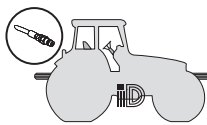
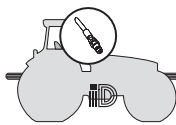


Technical details

		X			L	W	H
VENTRAL	REF.	m	kg	HP	m	m	m
	VDM	0,90	120	30	0,75	0,75	1,00
WITH TILTING FUNCTION	VDM-IH	1,00	130	30	0,75	0,75	1,00





Tractor connection and assembling

	
STANDARD	REF. CMT-1






Pre-installations and updates












Accessories and Options

	DESCRIPTION	OBSERVATIONS	REF.
	Upgrade kit for tools quick coupling		KC-002

Undervine weeders


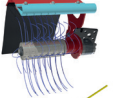

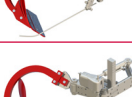
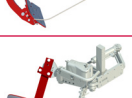
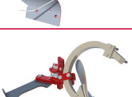

Accessories and Options

	DESCRIPTION	OBSERVATIONS	REF.
	22 Lt Hydraulic power unit type PRO + 27 lt pump	Adaptable to 3 PT	 CPRO-O-T
	Standard oil cooler	Adaptable to PRO hydraulic power plant	Intake 12V A15-01-PRO
	Pressure filter kit	Tractor plugs connection	KFP-01

	DESCRIPTION	OBSERVATIONS	REF.
	Grass bend down system	Right	STH-D
	Ultrasensible kit for sensitive sensor	Ideal vineyards $\leq 1$ cm	Unit KU-1
	Reinforced in row weeder cylinder for hard soil	Replaces standard cylinder. Recommended oil cooler.	Unit CIA-R
	Additional extension (female-female)	120 mm	SE1-HH
	Adjustable row cleaner disc 11" (smooth disc)	Adaptable to in-row weeder	Right BPI-D
	Adjustable row cleaner disc 13" (notched disc)	Adaptable to in-row weeder	Right BPID-D
	2 mechanical disc harrow	Ø16" Working with a max. width of 400mm	Right ADCV2D
	3 mechanical disc harrow	Ø16" Working with a max. width of 550mm	Right ADCV3D
	Soil and stone deflector for ventral		LP-V
	Storage foot and frame equipped with wheels	Ventral in row weeder	PAR-V
	Kit ID STAR 2 discs	Adaptable to in-row weeder	Right KIA-S2-D

## Undervine weeders

### Tools for PARALLELOGRAM USE P

	DESCRIPTION	OBSERVATIONS	REF.
	Kit ID-ROLL Ø600	Adaptable to in-row weeder	Right KIA-R6-D
	Shoot remover kit + Sensor rod + String spool	Available only for vineyards with at least 40 cm free to the ground or to any obstacle	Right DBR25-3-D
	250 mm working width		
	Arm B + fixed ploughshare + Sensor rod kit	310x480x400mm	Right BB-VFD
	Arm C + adjustable ploughshare + sensor rod kit	410x540x430mm	Right BC-VRD
	Arm E + fixed ploughshare with ridging element + sensor rod kit		Right BE-VFD
	Retractable extra cleaner blade with spring for ploughshare		Right EM-D



Undervine weeders  
Tools for RADIAL USE <sup>®</sup>

	DESCRIPTION	OBSERVATIONS		REF.
	Arm D + weeding blade + sensor rod kit	Standard included	Right	BD-CPD
	Kit weeding blade + sensor rod	Right	Cut 49 cm	RCI49D
			Standard 55 cm	RCI55D
			Long 65 cm	RCI65D
	Kit weeding blade made by Tugstene + sensor rod	Right	Standard 55 cm	RCHD55D
	Retractable extra cleaner blade "V" for blade		Right	EV-D
	Blade shovel		Right	VO-D
	Kit mini reversible plough kit 2 discs + sensor rod	Working width 250mm Disc Ø13,5"	Right	MAD25-3-D
	Kit mini reversible plough kit 3 discs + sensor rod	Working width 350mm Disc Ø13,5"	Right	MAD35-3-D
	Retractable extra cleaner blade for mini harrow disc		Right	EMD-D
	Kit Rotary hoe + sensor rod	Ø300mm	Right	RA30-3-D
		*Possibility of simultaneous use with weeding blade (not included) Ø400mm		RA40-3-D
	Kit Rotary hoe + sensor rod	Ø500mm	Right	RA50-3-D
	Kit string mower + Sensor rod + String reel	Ø400mm	Right	GS40H-3-D
		Ø500mm		GS50H-3-D
		Ø600mm		GS60H-3-D
	Kit for modification of string mower with boron steel blades	Only available for new machine	Right	KSGSH-D
			Pair	KSGSH-P
	Square string spool	for mower	45 m	BHN-03
	Nylon string blue spool	for brush head	90 m	BHN-01
	Herbicide application head	Ø500	Right	AH50D
	Packaging	Basic		EMB-1
		Airfreight- oceanfreight		EMB-2



## Ideal products and services that inspire trust, quality, experience and excellence

Specialized and customized agricultural machines with an attractive design and increasing digitalizations. Our products are oriented towards a biological, environment-friendly and precision farming.



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