

PV-TUNEL

EN

Inverted "U" type cane trimmer for vineyards and hedges



SERIE

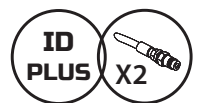
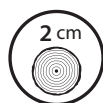
PV-TUNEL



Inverted "U" type cane trimmer for vineyards and hedges. Designed to keep canopy growth under control in a full row formed on slopes or hills. It allows high working speeds, a clean cut, low maintenance and excellent vision from the cab.



PICTURE MODEL:
PV-TU-1710



Versatility

- The ID-CONTROL joystick allows to control all the machines manufactured by ID David and equipped with the ID-PLUS or ID-MICRO technology.
- Models adjustable to any kind of plantation system.



Exclusivity

- The crankshaft runs unbalanced moving the blades for a 70% and counter blade for 30% to get a better penetration on the canopy.
- Blades sliding guides made of synthetic material with sliding properties.



Effectiveness

- It allows a working speed up to 12 km/h and a quality cut like "scissors".
- Electrohydraulic system optimized for extremely low power consumption.
- The cut type "scissor" generates less necrosis in certain types of crops compared to the cut by using a disc.



Reliability

- Components and materials of high quality.
- Low maintenance (no needs of lubrication in its key parts).
- Cutting elements supported by years of experience in the market.
- Manufacturing experience since 1975.



Safety

- The strong cutting bars allow green and dry cut.
- Total absence of branches pulled outside compared to the use of rotary knives trimmers.
- Frame with a high vision during work phase.



Sustainability

- An optimal cut improves ventilation and plant health by reducing the use of phytosanitary products.
- The low power required allows the use of small tractors with a lower carbon footprint.
- Sustainable consumption: Equipment designed to be up-to-date and have a long service life.

Standard Equipment

- Anti-shock safety system.
- Sliding tray "no grease" with adjustable nylon wheels.
- Hydraulic lifting.
- Complete cutting set hydraulic inclination.
- Hydraulic parallelogram lateral displacement.
- Reciprocating cutting bars with excentric crankshaft.
- Hydraulic adjustment between vertical cutting bars.
- Manual adjustment of both angle of incidence and tilting of the cutting bars.
- Storage foot.
- Adaptable standard plate to tractor (frontal).
- Lateral support rods.

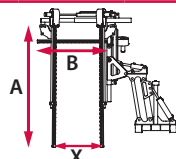
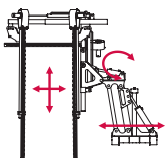
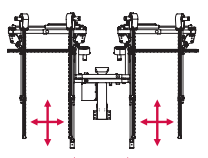
Remote control type

ID-PLUS

- Includes ID-CONTROL multifunction joystick.
- Includes an electronic microcontroller: allows software updates at any time.
- Up to 2 additional electro-hydraulic functions.
- Includes a modular electro-hydraulic system: it allows to increase the number of electro-hydraulic functions.

ID-MICRO

- ! NOT included the ID-CONTROL multifunction joystick.
- Only for customers who already have the ID-CONTROL multifunction joystick.
- Includes an electronic microcontroller: allows software updates at any time.
- Up to 2 additional electro-hydraulic functions.
- Includes a modular electro-hydraulic system: it allows to increase the number of electro-hydraulic functions.

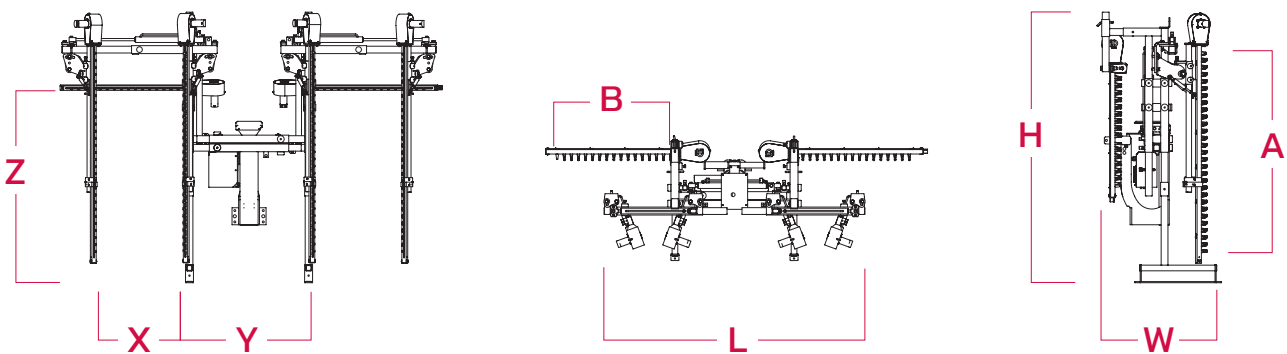
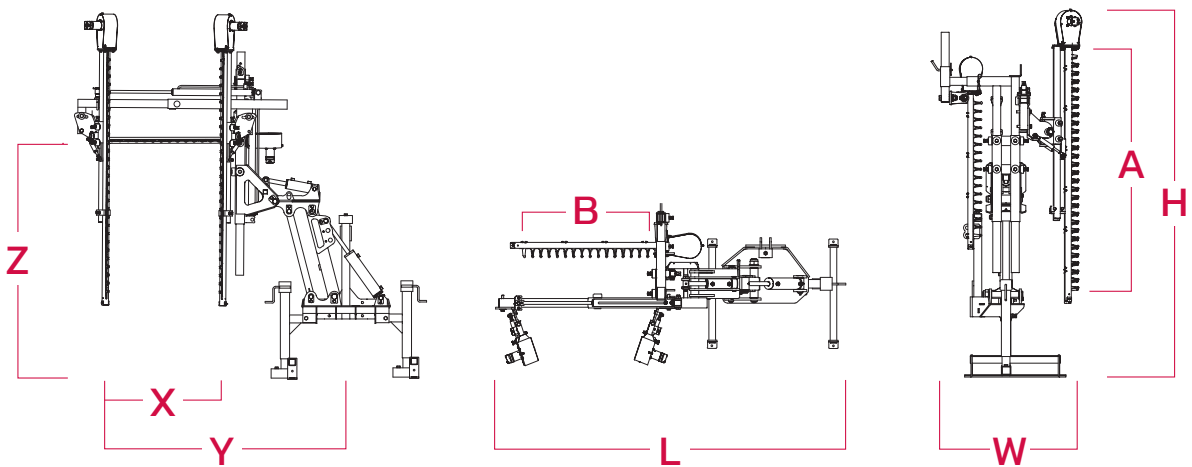
	ID-PLUS 	ID-MICRO 			
PV-TUNEL	REF.	REF.	A (m)	B (m)	X (m)
TUNNEL CANE TRIMMER  CUTTING ,EXTENSION, TURNING, LIFTING, SIDE SPLITTING OF THE CUTTING BARS	PV-TU-1710-1	PV-TU-1710-2	1,75	1,00	0,30-1,00
	PV-TU-2010-1	PV-TU-2010-2	2,00	1,00	
Double rows cane trimmer  CUTTING, EXTENSION, INDEPENDENT LIFTING OF THE MODULES, LATERAL SEPARATION OF CUTTER BARS	PV-2TU-1710-1	PV-2TU-1710-2	1,75	1,00	0,30-1,00
	PV-2TU-2010-1	PV-2TU-2010-2	2,00	1,00	

PV-TUNEL

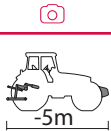
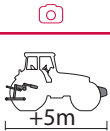
Pre-pruning, pruning and
leaf stripping

Technical details

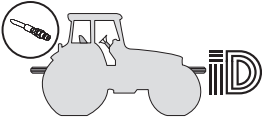
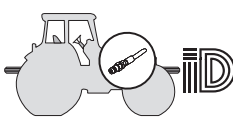
		X	Y	Z	A	B			L	W	H
PV-TUNEL	REF.	m	m	m	m	m	kg	HP	m	m	m
ONE ROW CANE TRIMMER	PV-TU-1710	0,30-1,00	0,75-2,20	1,80-2,80	1,75	1,00	450	65	1,65	1,10	2,30
	PV-TU-2010	0,30-1,00	0,75-2,20	1,80-2,80	2,00	1,00	465	65	1,65	1,10	2,55
DOUBLE ROWS CANE TRIMMER	PV-2TU-1710	0,30-1,00	1,10-2,10	1,80-2,75	1,75	1,00	700	55	2,30	1,00	2,30
	PV-2TU-2010	0,30-1,00	1,10-2,10	1,80-2,75	2,00	1,00	725	55	2,30	1,00	2,30



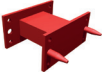
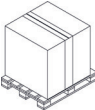
Tractor mounting

	REF		REF
	STANDARD		LDT-5

Tractor connection and assembling

	
STANDARD	REF. CMT-20

Cane trimmer
Accessories and Options

	DESCRIPTION	OBSERVATIONS		REF.
	Hydraulic power unit 60 L to 3 Point linkage	Pump 35 liters		C12
	Standard oil cooler	Adaptable to 60 lt hydraulic power plant		A15-60
	Protective screen of the blades PV	Bar 1,00 m		PC-02
		Bar 1,75 m		PC-03
		Bar 2,00 m		PC-04
	Hydraulic lower vine shoot lifter	Tilting Adjustable	Pair	LSN-P
	3-point coupling kit	Front 3P or reversible tractor		T2P-10
	Plate for front tractor coupling	It will be supplied only if the corresponding form has been correctly filled out		PA-F
	Packaging	Basic		EMB-1
		Airfreight- oceanfreight		EMB-2

Our 3-keys Ideology

Organizational culture

We focused on Lean Manufacturing philosophy to improve operations management, products and workspaces

Mindset
ID

The Agile Methodology provides us a way to develop better projects in a faster manner, involving and organizing staff to operate as a whole

Design is our attitude and Design Thinking is the tool to face challenges and solve problems, designing products and services focused on users, involving them in the creative process



INDUSTRIAS DAVID S.L.U.
C/ Médico Miguel Lucas s/n
CP: 30510, Yecla, Murcia-Spain
Tel.: +34 968 718 119
info@id-david.com

Connect with us.
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