ALH
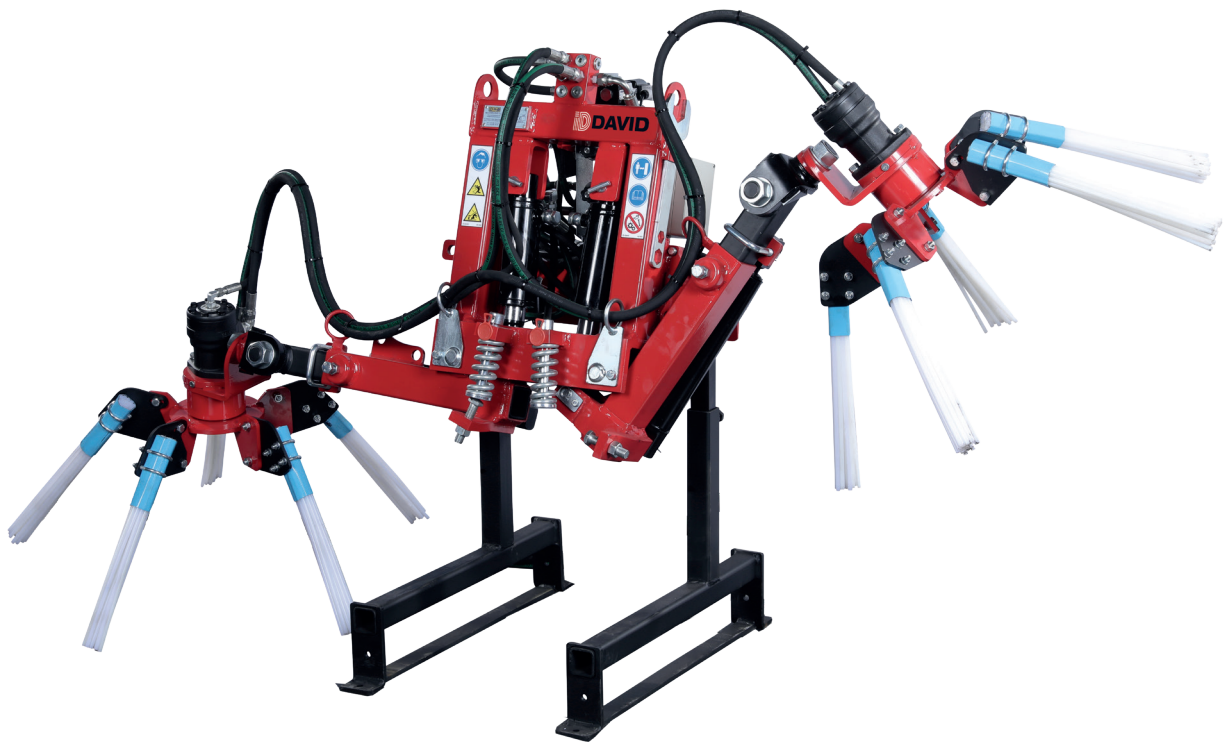
Front berm sweeper for pruning remains in vines and fruit trees

VITI   SETO   ARBO
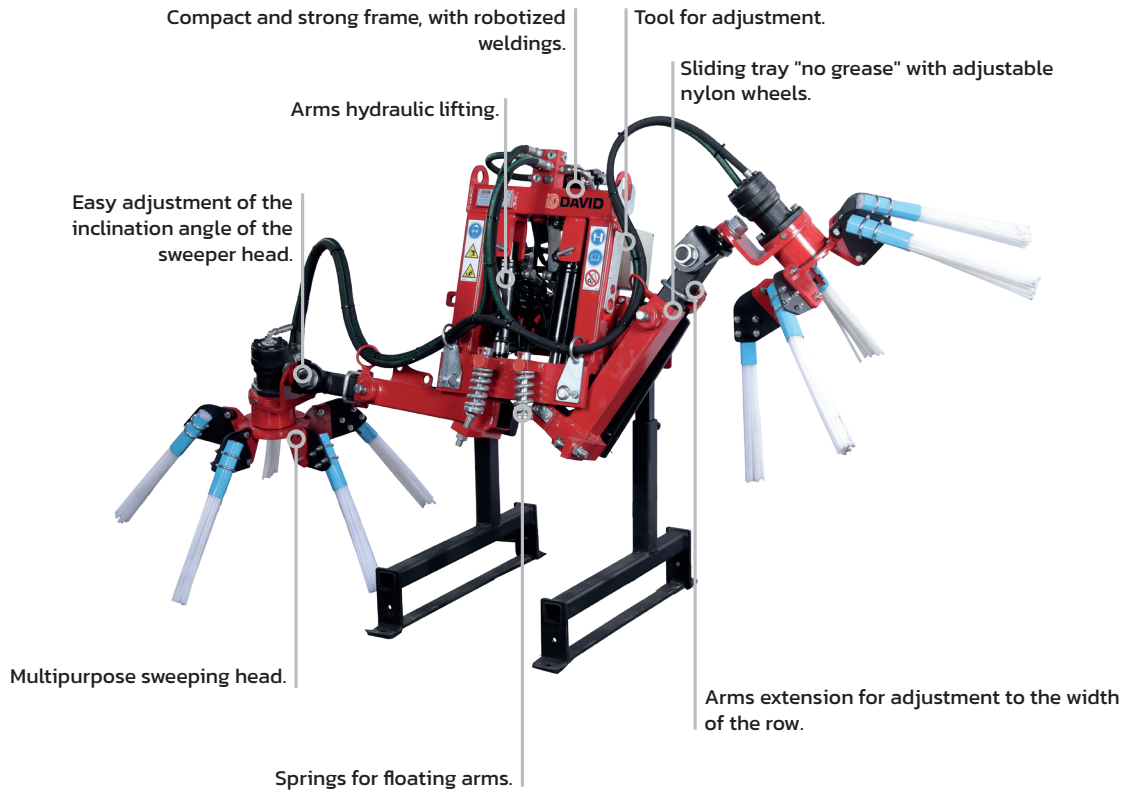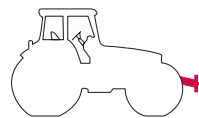
DAVID
SMART FARMING SOLUTIONS

Front berm sweeper for pruning remains in vines and fruit trees, designed to move and alline the branches resulting from pruning in a compact line to facilitate collection or mulching simultaneously with a single pass of the tractor.

Compact and strong frame, with robotized weldings.

Tool for adjustment.

Sliding tray "no grease" with adjustable nylon wheels.

Arms hydraulic lifting.

Easy adjustment of the inclination angle of the sweeper head.

Multipurpose sweeping head.

Arms extension for adjustment to the width of the row.

Springs for floating arms.

PICTURE MODEL:

ALH–S–N

20 L

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.
- It is possible to expand anytime the equiment functionality by exchanging the heads.

Exclusivity
- Multifunction frame: berm sweeper + herbicide applicator + rotary brush + sweeper.
- The hydraulic suspension of the sweeper heads allows a perfect adaptation to the ground and extends the useful life of the brushes.

Effectiveness
- Diameter and size of the brushes can be modified quickly and easily.
- Clean soil improves plant health, reduces the risk of illness and the use of phytosanitary products.

Reliability
- Components and materials of high quality.
- Low maintenance.
- Manufacturing experience since 1990.

Safety
- The strong frame as well as light and compact allows a perfect vision and occupies a minimum space by facilitating the turning in tight spaces.
- Sweeper heads fitted with bearings to get total protection of the motors against shocks.

Sustainability
- 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.
- Aligning and mowering pruned branches improves soil quality by providing nutrients and reduce the emission of CO_2 that occurs during combustion.

Standard Equipment

- Sliding tray "no grease" with adjustable nylon wheels.
- Flow regulator of the sweping turns.
- Tool for adjustment.
- Hydraulic lifting with single effect (floating system).

- Hydraulic extensions.
- Nylon blades or rubber brushes.
- Storage foot.
- Adaptable standard plate to tractor (frontal).

Remote control type

ID-PLUS

- Includes ID-CONTROL multifunction joystick.
- Includes an electronic microcontroller: allows software updates at any time.
- Up to 4 additional electro-hydraulic functions.
- Includes a modular electro-hydraulic system: it allows to increase the number of electro-hydraulic functions.

ID-MICRO
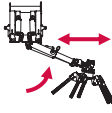
! NOT included the ID-CONTROL multifunction joystick.
- Only for customers who already have the ID-CONTROL multifunction joystick.
- Includes an electronic microcontroller: allows software updates at any time.
- Up to 4 additional electro-hydraulic functions.
- Includes a modular electro-hydraulic system: it allows to increase the number of electro-hydraulic functions.

ID-BASIC

- Includes an electric control box.
- Hydraulic connection to the tractor by 2 hoses.
! NOT allowed any updates of electro-hydraulic functions.
! NOT allowed extra hydraulic functions.
! NOT included the electronic microcontroller.
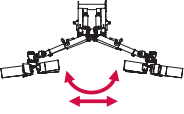
DIRECT TO TRACTOR

- Includes a pipe with 1/2 male plugs for the hydraulic lift.
- Includes a pair of hoses with 1/2 male plugs for hydraulic extension.
- Includes a pair of hoses with 1/2 male connectors for ON/OFF.
! NOT included the ID-CONTROL multifunction joystick.
! NOT included the electronic microcontroller.
! NOT allowed extra hydraulic functions.

ALH	HEAD	(m)	ID-PLUS REF.	ID-MICRO REF.	ID-BASIC REF.	DIRECT TO TRACTOR REF.
HALF ROW SWEEPER		≥ 4	ALH-D-P-1	ALH-D-P-2	ALH-D-P-3	ALH-D-P-5
MOTOR, LIFTING, EXTENSION		≥ 4	ALH-D-N-1	ALH-D-N-2	ALH-D-N-3	ALH-D-N-5
DOUBLE ROWS SWEEPER		1,70-2,30	ALH-XS-P-1	ALH-XS-P-2	ALH-XS-P-3	ALH-XS-P-5
		2,40-3,05	ALH-S-P-1	ALH-S-P-2	ALH-S-P-3	ALH-S-P-5
		2,80-3,45	ALH-SA-P-1	ALH-SA-P-2	ALH-SA-P-3	ALH-SA-P-5
		2,95-4,05	ALH-M-P-1	ALH-M-P-2	ALH-M-P-3	ALH-M-P-5
		3,40-4,50	ALH-L-P-1	ALH-L-P-2	ALH-L-P-3	ALH-L-P-5
		1,70-2,30	ALH-XS-N-1	ALH-XS-N-2	ALH-XS-N-3	ALH-XS-N-5
		2,20-2,60	ALH-S-N-1	ALH-S-N-2	ALH-S-N-3	ALH-S-N-5
		2,50-2,90	ALH-SA-N-1	ALH-SA-N-2	ALH-SA-N-3	ALH-SA-N-5
		2,60-3,50	ALH-M-N-1	ALH-M-N-2	ALH-M-N-3	ALH-M-N-5
MOTOR, LIFTING, EXTENSION		3,05-3,95	ALH-L-N-1	ALH-L-N-2	ALH-L-N-3	ALH-L-N-5

Technical details

ALH	REF.	A	B	C ⊕	⚖	🚜	L	W	H
		m	m	mm	kg	HP	m	m	m
SINGLE	ALH–D–P	1,90–2,35	1,30	Ø300	220	40	2,30	1,00	1,30
	ALH–D–N	1,90–2,05 (*)	1,10	Ø300	220	40	2,20	1,00	1,30
DOUBLE	ALH–XS–P	1,70–2,10	0,85	Ø100	230	40	1,70	1,00	1,30
	ALH–S–P	2,40–2,85	1,00	Ø200	240	40	1,70	1,00	1,50
	ALH–SA–P	2,80–3,25	1,00	Ø200	245	40	1,90	1,00	1,50
	ALH–M–P	2,95–3,85	1,20	Ø200	250	40	2,20	1,00	1,80
	ALH–L–P	3,40–4,30	1,30	Ø300	260	40	2,20	1,00	2,00
	ALH–XS–N	1,70–2,10 (*)	0,85	Ø100	230	40	1,70	1,00	1,30
	ALH–S–N	2,20–2,40 (*)	1,00	Ø200	240	40	1,70	1,00	1,50
	ALH–SA–N	2,50–2,75 (*)	1,00	Ø200	245	40	1,90	1,00	1,50
	ALH–M–N	2,60–3,30 (*)	1,00	Ø200	250	40	2,20	1,00	1,50
	ALH–L–N	3,05–3,75 (*)	1,10	Ø300	260	40	2,20	1,00	2,00

(*) ±20 cms with manual adjustment.

Tractor mounting

📷	REF		📷	REF
–5m	STANDARD		+5m	LDT–5
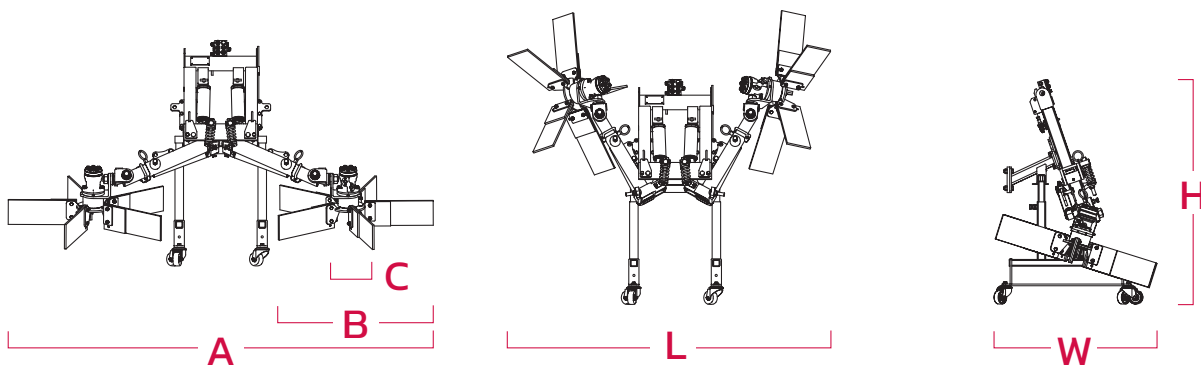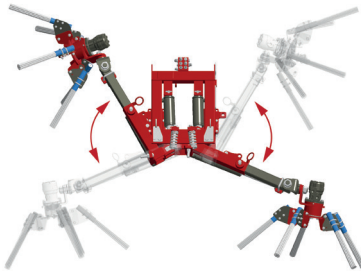
Tractor connection and assembling

STANDARD	REF. CMT–20
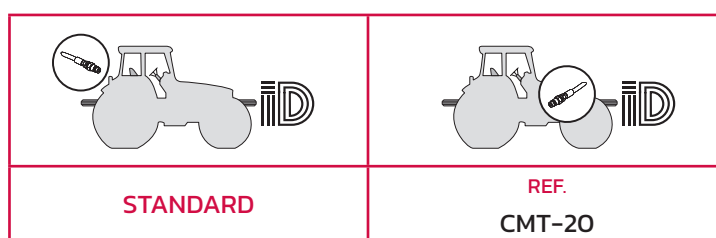
Kit PRO - option

⊙	OBSERVATIONS		REF.
	Allows the tool arms to be lifted individually or simultaneously.	ID–PLUS and ID–MICRO	EIB–1
		Direct to tractor +2	EIB–2

Sweeper
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
	Storage Wheel Kit			KRA
	Herbicide application head with 2 nozzles Width of application 55 cm	Right	for XS	CHR1–D
			for S / M / L	CHR2–D
		Pair	for XS	CHR1–P
			for S / M / L	CHR2–P
	Herbicide application head with 3 nozzles Width of application 75 cm	Right	Not available for XS	CHR3–D
		Pair		CHR3–P
	250 mm right rotary brush + slide + string spool *Advisable the C12 power unit and to note that it works only in vineyards with at least 40 cm stump free.	Additional head	for XS	C–DBR–1–D
			for S / M / L	C–DBR–3–D
		Replace berm sweeper head	for XS Includes arm	C–DBR–2–D
			for S / M / L	C–DBR–4–D
	250 mm pair of rotary brush + slide + string spool *Advisable the C12 power unit and to note that it works only in vineyards with at least 40 cm stump free.	Additional head	for XS Includes arm	C–DBR–1–P
			for S / M / L	C–DBR–3–P
		Replace berm sweeper head	for XS Includes arm	C–DBR–2–P
			for S / M / L	C–DBR–4–P

	DESCRIPTION	OBSERVATIONS		REF.
	Nylon string blue spool	for brush head	90 m	BHN-01
	Nylon string black spool	for mower head	58 m	BHN-02
	Supports and nylon whips	1 berm sweeper head		A-EN-D
		2 berm sweeper head		A-EN-P
	Nylon brushes	1 berm sweeper head		EN-D
		2 berm sweeper head		EN-P
	Rubber blades supports	1 berm sweeper head		APG-D
		2 berm sweeper head		APG-P
	Rubber brush 400 mm special for vineyard	1 berm sweeper head		P-40V-D
		2 berm sweeper head		P-40V-P
	Reversible Rubber brush 400 x 150 mm	1 berm sweeper head		P-4015-D
		2 berm sweeper head		P-4015-P
	Reversible Rubber brush 500 x 200 mm	1 berm sweeper head		P-5020-D
		2 berm sweeper head		P-5020-P
	Plate for front tractor coupling	It will be supplied only if the corresponding form has been correctly filled out		PA-F
	3 Points linkage	Front 3P or reversible tractor		T3P-16
	Kit longer extension	Increases working width of 20 cm	for 1 arm	KP20-D
			for 2 arms	KP20-P
	Control for simultaneous use of mower with hydraulic pick-up + berm sweeper	for ID-PLUS / ID-MICRO		MST-01
		for ID-BASIC		MST-03
	Packaging	Basic		EMB-1
		Airfreight- oceanfreight		EMB-3

iD DAVID

The value of ideas

Experience, technology, know-how and design are the fundamentals to achieving our goal: the support and full satisfaction of the farmer. Being excellent in everything we do is our guiding light.

We are iD DAVID PYME DEL AÑO 2021

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