

CARRARO
Agricube PRO

Vigneto
Vigneto Largo



Tractors
for specialists.

Agricube Pro: the story continues

The new Agricube Pro range, with 6 models and 48 basic versions, continues Carraro Tractors' tradition of specialist tractors - all highly appreciated on the market over the last few years.

Reliability and quality are always at the heart of Carraro's product offering, and feature in this new range with a design delivering optimal solutions for intended applications. A robust combination, for operators that work in sectors which are often challenging and with increasingly sophisticated equipment, that call for power, hydraulic capacity, excellent handling and comfort.

Powerful yet compact models, designed to reduce the hood height, for easier work under low-hanging branches or between rows.



Agricube Pro models:

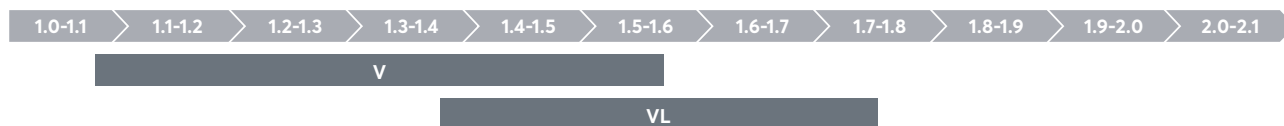


Vigneto



Vigneto Largo

Overall widths



A professional performance

- › Vigneto e Vigneto Largo are the two Carraro models designed to offer an outstanding professional performance in a sector with continually evolving equipment and apparatus.
- › From the narrowest rows of vines to sloping vineyards, regardless of the terrain, tractors have to deliver a best-in-class performance. That's why Carraro has designed two cab-only models, with different-width axles.
- › While keeping the characteristic tunnel configuration, the V and VL tractors of the Agricube Pro range offer all the benefits of a tractor with a low center of gravity - stability, excellent visibility and superb handling. 6 basic configurations are available for each model, which can all be customised with a wide choice of options.
- › An extensive range of 24" and 28" tyre combinations, with adjustable rims, mean the customer can choose the best configuration

- for their farming conditions. As always, the hydraulic system, with a 2 or 3-pump configuration, is a strong point of Carraro tractors, making it possible to combine use with the most demanding equipment, guaranteeing a highly professional performance.
- › The cab and its profile have been designed to move easily between narrow rows, while ensuring a comfortable, ergonomic position - to make the tractor a pleasure to drive.
- › The Carraro transmission, Carraro axle and FPT F28 engine are at the heart of these models, making them unique on the market.

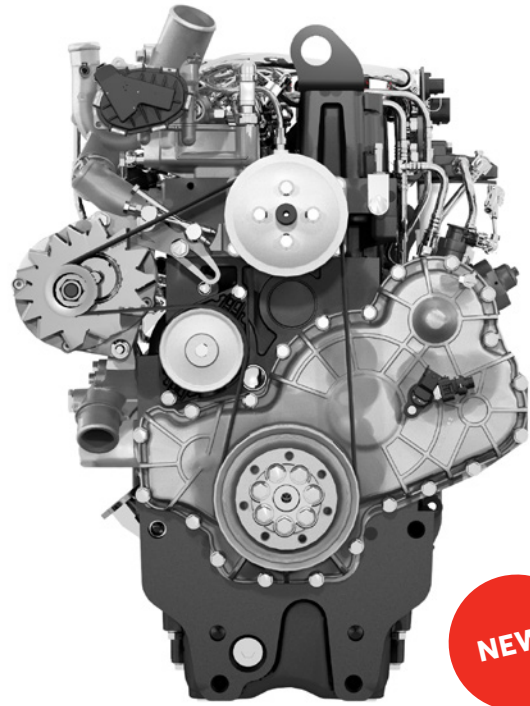
FPT F28 engine

Specialist agricultural operators want an ever-better performance which takes into account size constraints. So engines must rise to the challenge of delivering the best performance while guaranteeing compact layouts.

An integrated Egr and smaller Liner Bridge have made it possible to create an extremely compact product. The post-working system, with dimensions reduced to the minimum, guarantees a modular installation, with a single packaging for Stage V.

With the new FPT F28 engine, Carraro combines performance with size. The F28 STAGE V is a unique solution, featuring a system that is 5% smaller on average than competitors, to meet demand for high-performance applications.

This new engine has also been chosen for its focus on **sustainability**, thanks to an **optimised combustion efficiency**.



55 kW Agricube Pro 8.5

DOC DPF 4.33 below the hood



67kW Agricube PRO 9.5 75kW Agricube PRO 10.5

SCRT below the hood

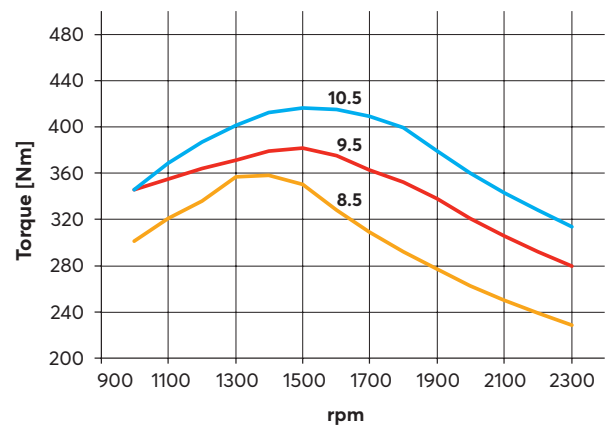
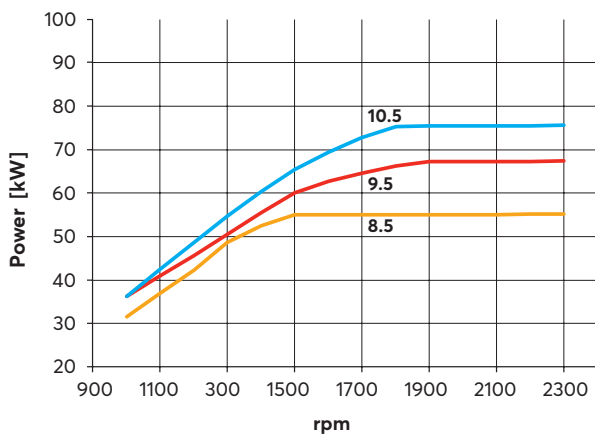


FPT F28 engine

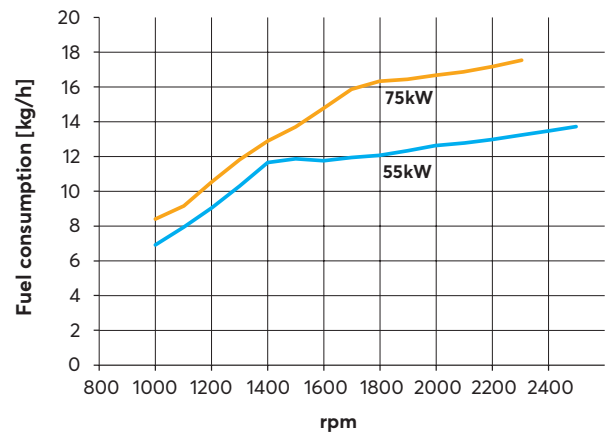
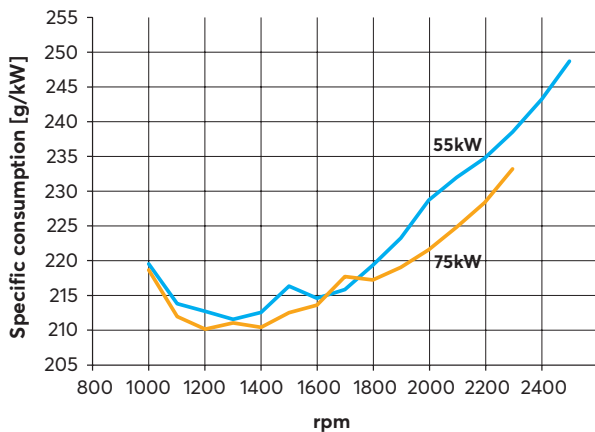
Specifications

FPT F28		V 8.5, VL 8.5, VLB 8.5 F 8.5, FL 8.5, FB 8.5	V 9.5, VL 9.5, VLB 9.5 F 9.5, FL 9.5, FB 9.5	V 10.5, VL 10.5, VLB 10.5 F 10.5, FL 10.5, FB 10.5
Power rating	kW	55	67.1	75.3
	hp	74.8	91.3	102.4
Maximum power	kW	55	67.9	75.7
	hp	74.8	92.3	103.0
Torque	Nm Max	358	382	416

Power curves

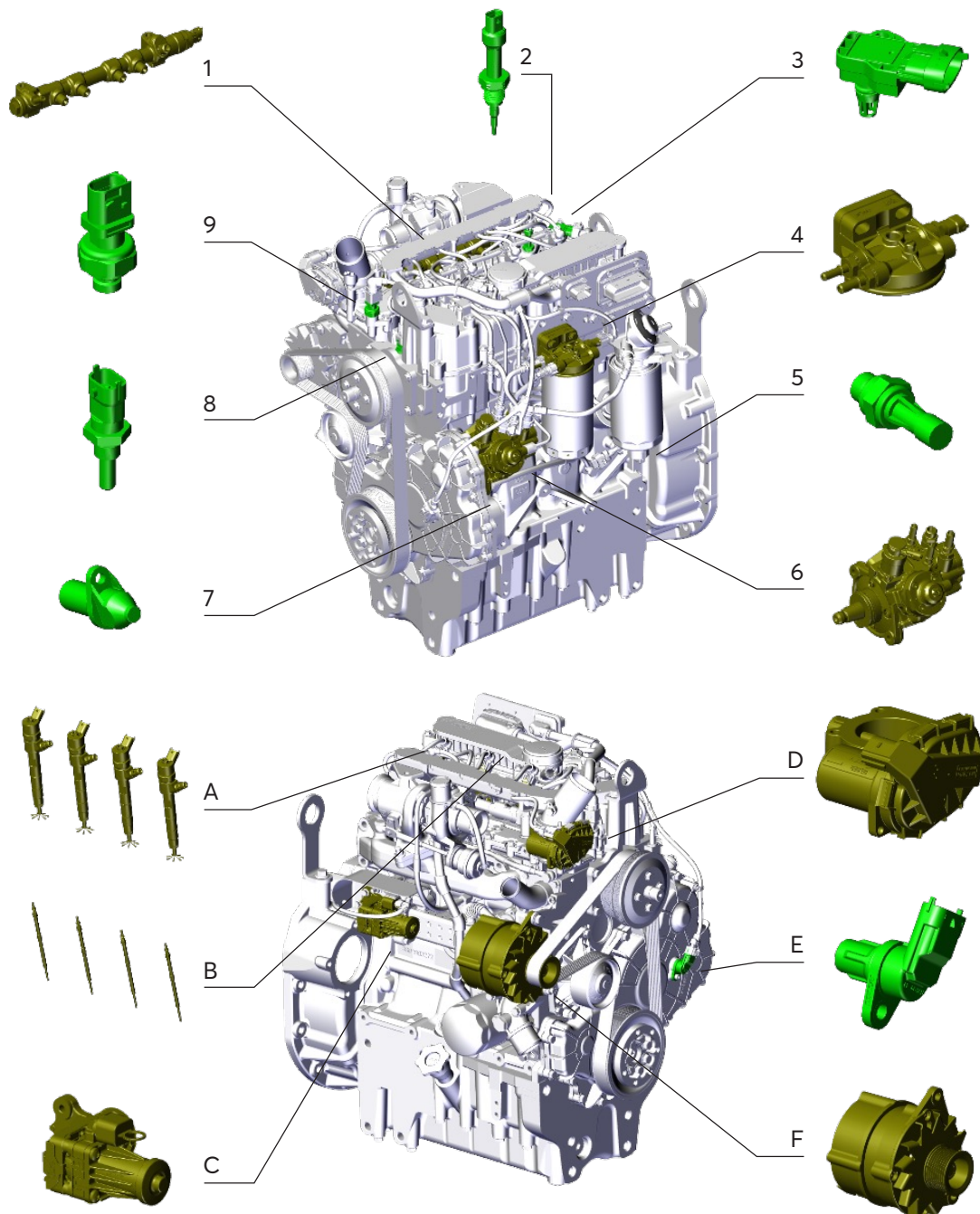


Specific consumption



FPT F28 engine

Sensors



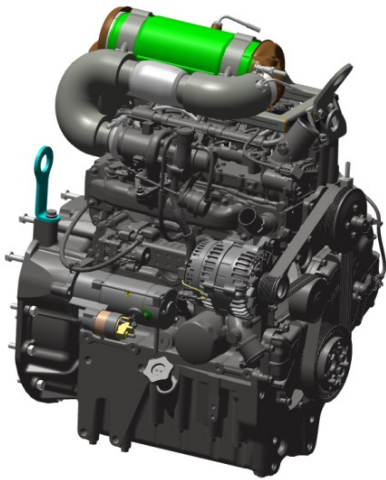
Position of components

1. Rail pressure sensor
2. Inlet manifold temperature sensor
3. Inlet manifold pressure sensor
4. Fuel temperature sensor
5. Oil pressure sensor
6. Pump fuel throttle valve
7. Oil pressure sensor
8. Engine water temperature sensor
9. Outlet manifold pressure sensor (absolute)

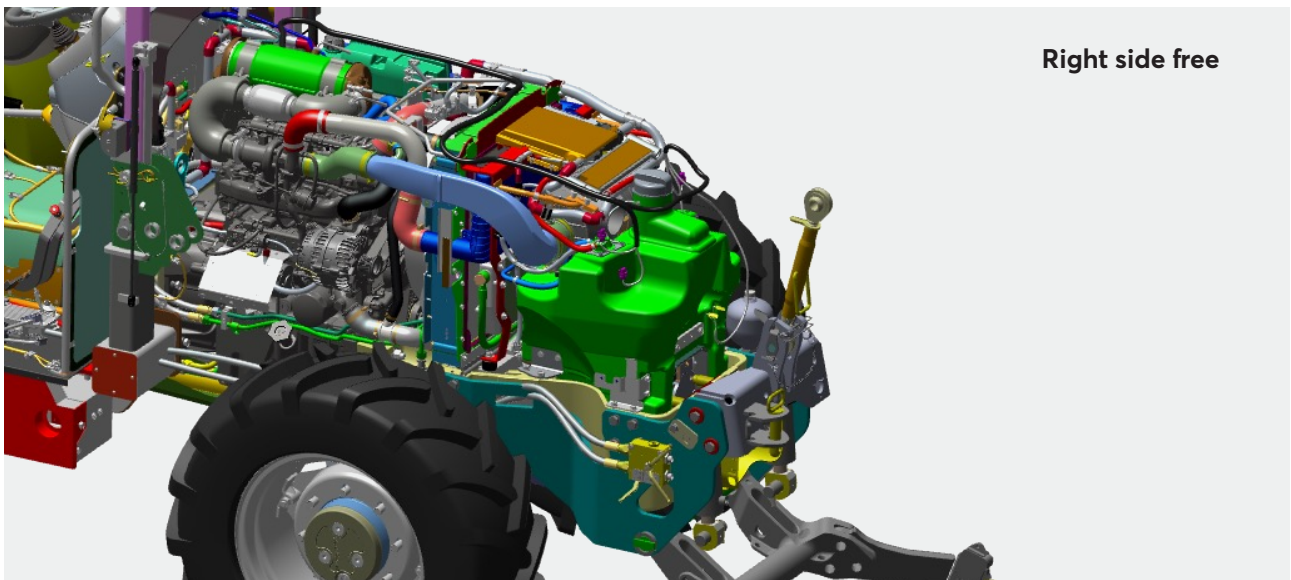
- A. Electromagnetic injectors
- B. Pre-heating glow plugs
- C. EGR Valve
- D. Intake valve
- E. Phase sensor
- F. Alternator

FPT F28 engine

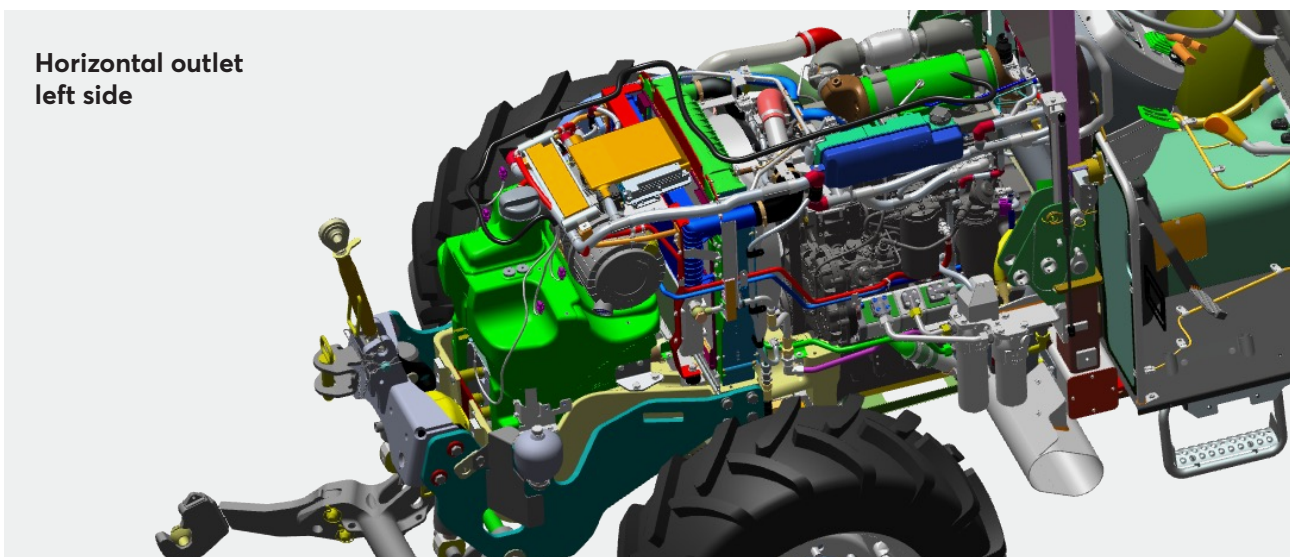
Installation of the F28 55kW



DOC DPF 4.33 → Below the Hood



Right side free



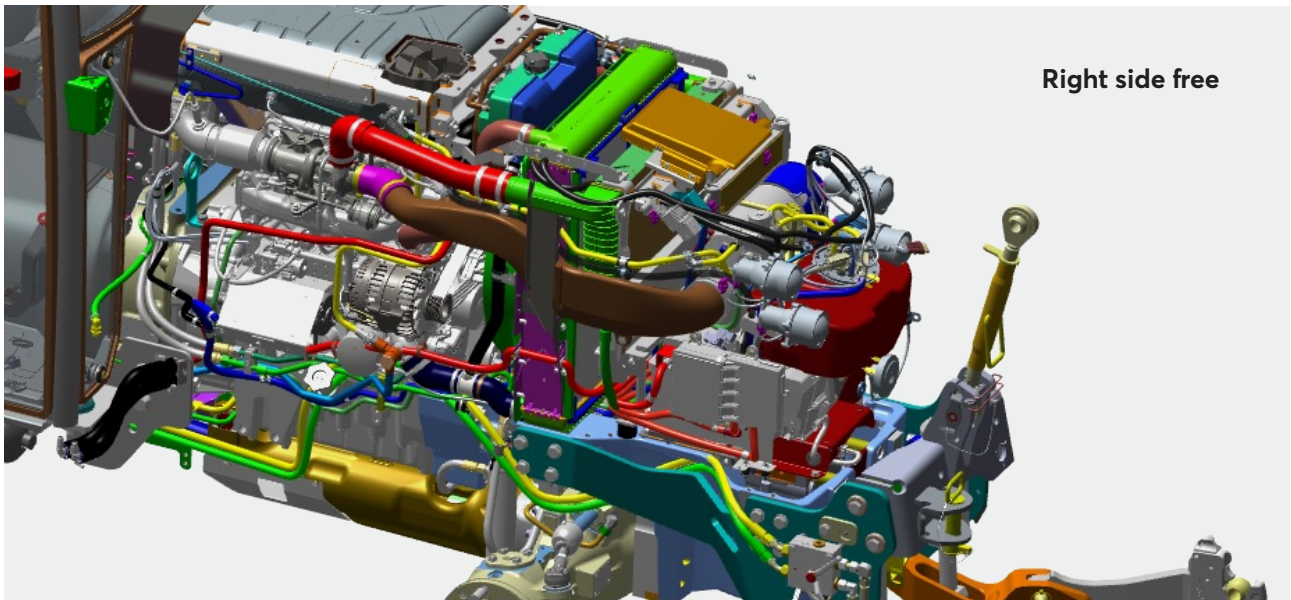
Horizontal outlet
left side

Installation

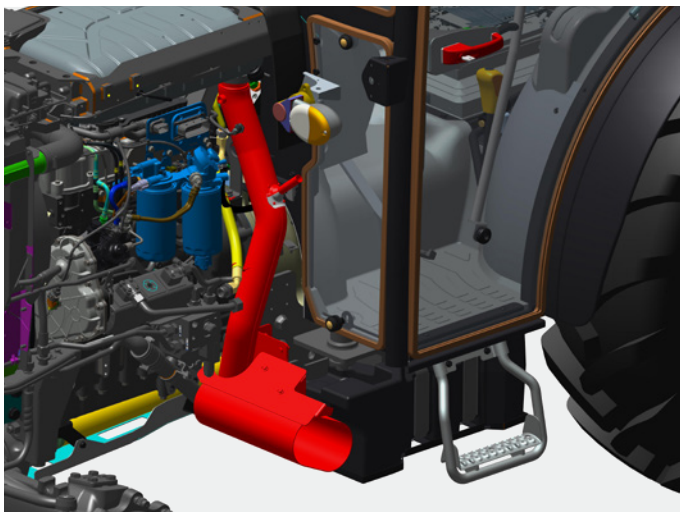
F28 67kW–75kW



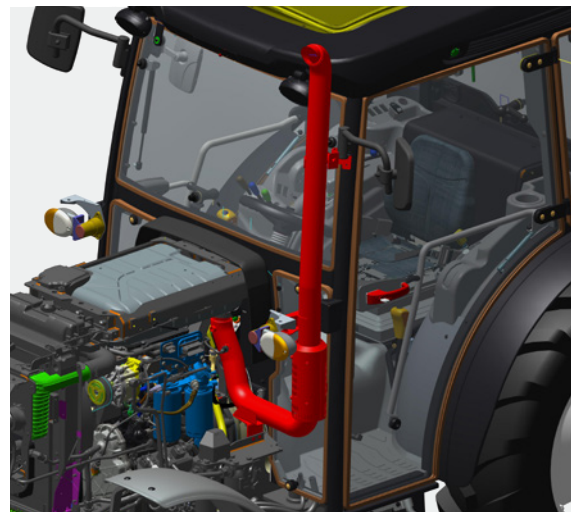
SCRT → Below the Hood



Right side free



Horizontal outlet left side



Vertical outlet left side

Pumps

CONFIG.	DISPLACEMENT	PUMP 1	PUMP 2	PUMP 3
2 pumps	26+11	Steering + aux	Hitch + distributors	-
3 pumps	26+11+11	Steering + aux	Distributors	Hitch

	DISPLACEMENT	FLOW RATE (l/min)		
		@1000RPM	@1500RPM	@2300RPM
2 pumps				
Steering + aux	26+11	11.7	17.6	27.0
Hitch + distributors	26+11	26.0	39.1	60.0
3 pumps				
Steering + aux	26+11+11	11.7	17.6	27.0
Distributors	26+11+11	26.0	39.1	60.0
Hitch	26+11+11	11.7	17.6	27.0

Hydraulics

Without side intakes

Code	Description	VLB	FB
		OOS	OOS
04300	2 hydraulic pumps / 2 mechanical flow dividers SCV	✓	✓
04310	2 hydraulic pumps / 3 mechanical flow dividers SCV	✓	✓
04320	2 hydraulic pumps / 3 mechanical flow dividers SCV	✓	✓
04350	3 hydraulic pumps / 3 mechanical flow dividers SCV	✓	✓

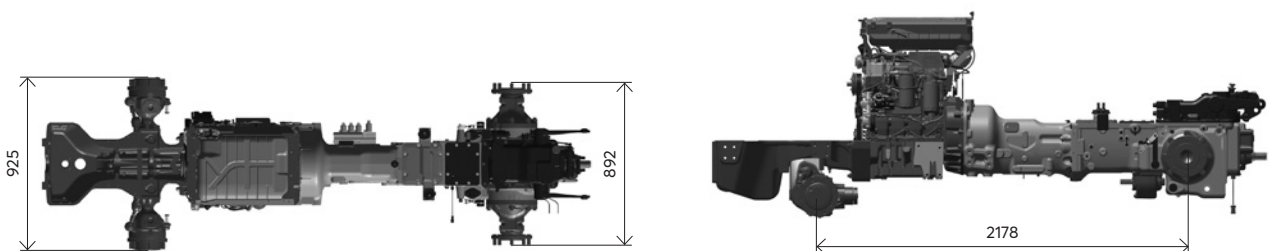
✓ BASIC ○ OPTION

Axles

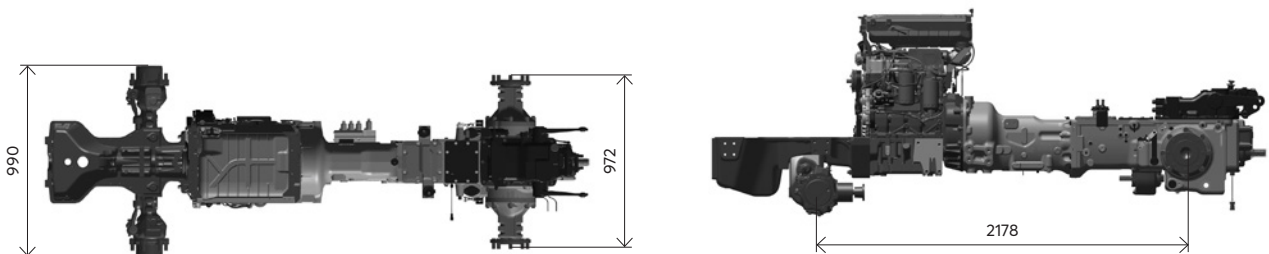
Besides the traditional axle, the V and VL models feature a suspended IFAS axle, which is increasingly requested due to the benefits it offers.

		V	VL
Front axle (flange-to-flange)	mm	925	990
Rear axle (flange-to-flange)	mm	892	972

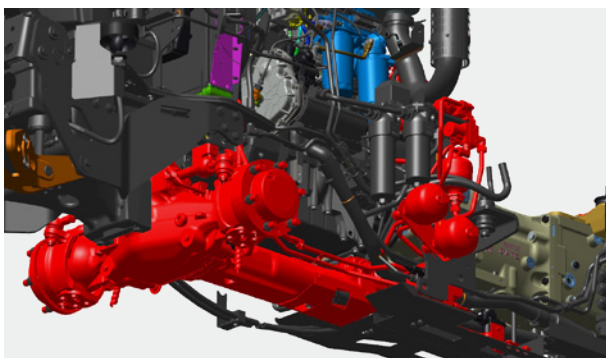
V Vigneto



VL Vigneto Largo



Suspended IFAS axle



The suspended axle works in three ways using a push button control in the cab:

- › automatic: axle suspension is operated autonomously;
- › manual: the suspension is not activated, but the operator can use an electro-hydraulic control to set and manually adjust the height by +/- 40 mm. This function is extremely useful for assembling equipment;
- › locked: the suspension is locked, in the lowest position, but still free to move around the pin. This option is useful above all for precision work.

Carraro Agricube Pro 8.5–9.5–10.5

Technical datasheets

			Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD ○ OPTION			V	VL	V	VL	V	VL
Engine								
Manufacturer & model	s		FPT F28	FPT F28	FPT F28	FPT F28	FPT F28	FPT F28
Engine			F28 DOC DPF	F28 DOC DPF	F28 SCRT (Adblue)	F28 SCRT (Adblue)	F28 SCRT (Adblue)	F28 SCRT (Adblue)
Cylinders/valves	No	s	4/ 2	4/ 2	4/ 2	4/ 2	4/ 2	4/ 2
Cubic capacity	cm3	s	2800	2800	2800	2800	2800	2800
Injection		s	Common rail	Common rail	Common rail	Common rail	Common rail	Common rail
Certification		s	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Power rating (ISO)	kW/hp	s	55/ 74.8	55/ 74.8	67.4/ 91.3	67.4/ 91.3	75.6/ 102.4	75.6/ 102.4
Maximum power (ISO)	kW/hp	s	55/ 74.8	55/ 74.8	67.9/ 92.3	67.9/ 92.3	75.7/ 103.0	75.7/ 103.0
Maximum torque	Nm @ rpm	s	358 @ 1500	358 @ 1500	382 @ 1500	382 @ 1500	416 @ 1500	416 @ 1500
Nominal speed	rpm	s	2300	2300	2300	2300	2300	2300
Tank capacity (below the hood)	litres	s	72	72	-	-	-	-
Tank capacity with front PTO	litres	o	52	52	-	-	-	-
Optional tank capacity with front PTO	litres	o	34	34	-	-	-	-
ADBlue tank capacity	litres	s	-	-	10	10	10	10
LH side tank capacity	litres	s	-	-	34	34	34	34
Rear tank capacity	litres	s	-	-	41	41	41	41
Total tank capacity	litres	s	-	-	75	75	75	75
LH side horizontal muffler		s	s	s	s	s	s	s
LH side vertical muffler (cab)		o	o	o	o	o	o	o
DOC / DPF below the hood		s	s	s	-	-	-	-
SCRT ADBLue below the hood		s	-	-	s	s	s	s
Electrical system								
Battery	Ah	s	80	80	80	80	80	80
Alternator	A	s	100	100	100	100	100	100
Starter motor	kW	s	3.2	3.2	3.2	3.2	3.2	3.2
Transmission								
Manufacturer & model	s		Carraro/ T100+30	Carraro/ T100+30	Carraro/ T100+30	Carraro/ T100+30	Carraro/ T100+30	Carraro/ T100+30
Front & rear gears, mechanical HI-LO, mechanical reverser		o	24+24	24+24	24+24	24+24	24+24	24+24

			Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD ○ OPTION			V	VL	V	VL	V	VL
Front & rear gears, hydraulic HI-LO, mechanical reverser		o	24+12	24+12	24+12	24+12	24+12	24+12
Gears		s	4 synchro	4 synchro	4 synchro	4 synchro	4 synchro	4 synchro
Ranges		s	3 H/M/L	3 H/M/L	3 H/M/L	3 H/M/L	3 H/M/L	3 H/M/L
Speed range	km/h	s	0.5-40	0.5-40	0.5-40	0.5-40	0.5-40	0.5-40
Rear PTO								
Mechanical (with 24+24)		o	540/540E	540/540E	540/540E	540/540E	540/540E	540/540E
Mechanical (with 24+24)		o	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
Electro-hydraulic (with 24+12)		o	540/540E	540/540E	540/540E	540/540E	540/540E	540/540E
Electro-hydraulic (with 24+12)		o	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
Synchro		o	o	o	o	o	o	o
Clutch								
Independent, dry, 12" in cerametallik		s	s	s	s	s	s	s
Brakes								
Mechanical and hydraulic, 10 discs in oil bath		s	s	s	s	s	s	s
Rear differential gear lock								
Mechanical with electro-hydraulic engagement		s	s	s	s	s	s	s
Front axle								
Manufacturer		s	Carraro	Carraro	Carraro	Carraro	Carraro	Carraro
4RM		s	s	s	s	s	s	s
Suspended axle (for the cab)		o	o	o	o	o	o	o
Maximum steering angle	°	s	55	55	55	55	55	55
Swing angle - base (mud guards)	°	s	8 (6)	8 (6)	8 (6)	8 (6)	8 (6)	8 (6)
Flange-to-flange cab	mm	s	925	990	925	990	925	990
Mechanical engagement		s	s	s	s	s	s	s
Hydraulic engagement		o	o	o	o	o	o	o
Angular steering sensor for automatic 4WD engagement		o	o	o	o	o	o	o
Rear flange-to-flange	mm	s	892	972	892	972	892	972
Driver's seat								
Air-conditioned cab, 4 uprights, on silent block CAT2		o	o	o	o	o	o	o
Fixed-column steering wheel		s	s	s	s	s	s	s
Adjustable, telescopic- column steering wheel		o	o	o	o	o	o	o

		Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD	○ OPTION	V	VL	V	VL	V	VL
Rear windscreen wipers (cab)	s	s	s	s	s	s	s
Inner cab mirror	s	s	s	s	s	s	s
Left and Right side outer mirrors	s	s	s	s	s	s	s
Engine 1 memory / Engine 2 memory	s	s	s	s	s	s	s
Lights							
2 halogen front oval operating lights + 2 halogen rear oval operating lights	s	s	s	s	s	s	s
H3 operating lights (cab)	o	o	o	o	o	o	o
H4 road lights (cab)	o	o	o	o	o	o	o
Rotating security light	o	o	o	o	o	o	o
Hydraulics							
2 hydraulic pumps	lt/min @2300rpm	s	60 + 27	60 + 27	60 + 27	60 + 27	60 + 27
3 hydraulic pumps (optional)	lt/min @2300rpm	o	60 + 27 + 27	60 + 27 + 27	60 + 27 + 27	60 + 27 + 27	60 + 27 + 27
2 mechanical distributors: 1SE/DE detent + 1SE/DE floating	s	s	s	s	s	s	s
3 mechanical distributors 1SE/DE detent + 1SE/DE floating + 1 SE/DE	o	o	o	o	o	o	o
3 mechanical distributors: 1SE/DE floating + 1SE/DE floating + CF+ 1SE/DE detent	o	o	o	o	o	o	o
4 mechanical distributors: 1SE/DE floating + 1SE/DE floating + 1SE/DE detent+ CF+ 1SE/DE detent	o	o	o	o	o	o	o
4 electro-hydraulic distributors (cab): offset and proportional	o	o	o	o	o	o	o
4 side intakes	o	o	o	o	o	o	o
6 side intakes	o	o	o	o	o	o	o
Free oil flow	s	s	s	s	s	s	s
Drip collector	o	o	o	o	o	o	o
Vertical mechanical tie rod	s	s	s	s	s	s	s
Vertical hydraulic tie rod with filter	o	o	o	o	o	o	o
Pressure filter for distributors	s	s	s	s	s	s	s
Three-point hitch							
Fixed parallel blocks with rollers (CAT2)	o	-	o	-	o	-	o

		Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD ○ OPTION		V	VL	V	VL	V	VL
Adjustable, rapid engagement parallel blocks (CAT1 and CAT2)	○	○	○	○	○	○	○
Adjustable parallel blocks with rollers (CAT1 and CAT2)	○	○	○	○	○	○	○
Rear hitch							
Mechanical hitch	s	s	s	s	s	s	s
Electronic hitch	○	○	○	○	○	○	○
Maximum lifting capacity at the rollers - base	s	2600 kg	2600 kg	2600 kg	2600 kg	2600 kg	2600 kg
3-ton hitch jack	○	-	○	-	○	-	○
Deport and electro-hydraulic control of the parallel blocks	○	○	○	○	○	○	○
Bodywork colour							
Carraro Grey	s	s	s	s	s	s	s
Carraro Red	○	○	○	○	○	○	○
Carraro Green	○	○	○	○	○	○	○

Wheels

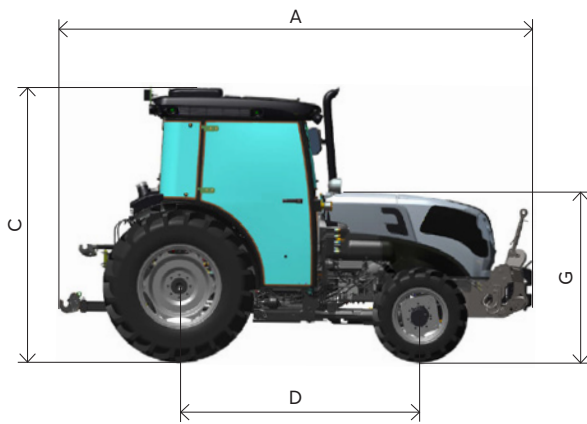
		Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD ○ OPTION		V	VL	V	VL	V	VL
Standard front wheels	s	240/70R16	280/70R18	240/70R16	280/70R18	240/70R16	280/70R18
Standard rear wheels	s	320/85R24	380/70R28	320/85R24	380/70R28	320/85R24	380/70R28
Other options possible 24"	○	○	○	○	○	○	○
Other options possible 28"	○	○	○	○	○	○	○
Wheels for transportation	○	○	○	○	○	○	○

Weights and dimensions

		Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD ○ OPTION		V	VL	V	VL	V	VL
Weights							
Weight without ballasts (cab tractor, without driver, full tank)	lbs (kg)	2880	2940	2880	2940	2880	2940
Maximum permitted weight	lbs (kg)	4400	4400	4400	4400	4400	4400
Dimensions							
Length	mm	3980	3980	3980	3980	3980	3980
B Overall size (min/max)	mm	1181 / 1462	1436 / 1604	1181 / 1462	1436 / 1604	1181 / 1462	1436 / 1604
D Wheelbase	mm	2178	2178	2178	2178	2178	2178

		Agricube PRO 8.5		Agricube PRO 9.5		Agricube PRO 10.5	
✓ STANDARD ○ OPTION		V	VL	V	VL	V	VL
H Front and rear clearance	mm	210 / 230	210 / 230	210 / 230	210 / 230	210 / 230	210 / 230
C Cab height	mm	2390	2396	2390	2396	2390	2396
G Height at hood	mm	1350	1350	1400	1400	1400	1400
I Cab width	mm	1040	1040	1040	1040	1040	1040

CAB





CARRARO

New

POWERED BY
FPT

CARRARO
25VLS

Up to 4 years with no worries. We'll take care of the rest.



Extended warranty for your Carraro tractor

Carraro Tractors aims to provide the conditions for its customers to develop their activities without any worries, entrusting maintenance operations to an authorised Carraro centre, where staff are trained on a constant basis.

Operations are carried out according to the maintenance intervals and check lists recommended by the manufacturer, and are recorded on the maintenance certificate.

A summary of the benefits:

- › a long life and perfect condition of your tractor
- › a reduced use of lubricants and fuel, increased tractor efficiency thanks to regular maintenance at authorised Carraro centres and original Carraro replacement parts.
- › all operations carried out by a qualified Carraro dealer
- › control over operating costs
- › value of the used machine in case you decide to sell your Carraro tractor

In order to for the warranty extension to be valid, the stipulated maintenance operations must be carried out in accordance with a scheduled maintenance contract, as specified by the manufacturer.



For further information, please contact your local Carraro dealer.

Aftersales and diagnostics

Carraro Tractors is constantly committed to meeting the high requirements of its customers, offering product solutions that combine performance, quality and reliability with the versatility of multiple applications in the specialist tractor sector.

Carraro remains by the side of its customers even after the purchase of the tractor is complete, for the entire life cycle of the vehicle. Through a network of licensed dealers, Carraro Tractors guarantees reliable and targeted assistance, helping those who use Carraro products to achieve greater profit and improve operational efficiency.

Carraro Tractors has also created the Carraro Academy training programme, along with a host of after-sales services, with a view to helping its dealers to develop high-level professional skills and profound product knowledge and to offer excellent service.

Original replacement parts

The guarantee that comes with original parts

- › Carraro's original replacement parts are designed and manufactured to ensure that the reliability and performance of the vehicle remain unaltered over time.
- › They are the fruit of Carraro's in-depth knowledge, experience and constant dedication to Research and Development in order to provide the best solution in terms of both performance and durability.

CarraroOil greases and lubricants

- › CarraroOil lubricants and greases and Carraro filters protect parts from wear and improve tractor performance, prolonging the life of your investment.



Technical assistance and diagnostics

Classroom-based and online training



Technical documentation

- › The After-Sales section of the carrarotracctors.com website contains all of the technical documentation pertaining to maintenance, diagnostics and repair of Carraro Tractors products.
- › This important information can be consulted by the official Carraro Tractors network and by independent workshops that require it. The Operator Manual is also available to all Carraro customers.

Carraro Diagnostic System

- › The Carraro Diagnostic System is a diagnostic tool developed for all Carraro products fitted with an ECU (electronic control unit).
- › Diagnostics, reprogramming, erasing of errors and test procedures can now be performed on Carraro tractors.



Classroom-based training

- › Carraro Academy technical courses are aimed at all dealers, workshops and professionals in the industry who need to carry out repairs according to Carraro's high quality standards, minimising maintenance and repair intervention times.
- › To keep up to date with Carraro Tractors products and services, just go to carrarotracctors.com to enrol on our courses.

Online technical videos

- › In the Academy section of the carrarotracctors.com site, you can access a database of technical manual videos.
- › Thanks to this e-learning platform, technical "know-how" is accessible anywhere, just one click away.



CARRARO *Agricube PRO*

EN

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The information in this publication is provided for purely illustrative purposes; the manufacturer reserves the right to modify the models described without prior notice.

Drawings and photographs may refer to optional equipment or special options for other countries. For all other information, contact our sales network.

