

# Tractors for Specialists



# **Welcome Agricube!**

Featuring an elegant design and a renewed style, the new Carraro Agricube Series range is presented to the specialised tractor market to meet the many demands of this sector. The new Agricube Series with FPT engines has been designed to blend the Performance, Quality, Trust features with the Versatility of its wide range of applications, from the vineyard to the open field. Its compact design and high choice of configurations coupled with the comfort offered by the modern ergonomic solutions, make Agricube the perfect tractor for all the various activities typical of specialistic sectors.



Agricube Vineyard Wide Vineyard Orchard Low Orchard

## Agricube Vineyard / Wide Vineyard / Orchard



### The range

- New design and new contents: the Agricube Orchard / Wide Vineyard / Vineyard series is available with FPT F5C engines in powers of 72, 78 and 88 hp and with FPT NEF 100 hp
- The three different axle widths, the availability of versions with cabin or platform, with tiltable front frame, the choice between the 2WD and 4WD versions, the wide range of transmissions and the options mix, all make this new series of tractors extremely versatile and well-suited to any needs
- The availability of the option with built-in front power take-off and front lifter, Cat. II with lifting capacity of 1,300 kg, further enhances this range's great versatility
- The entire range has a mechanical rear lift (basic version) and electronic rear lift with external lift control (optional extra).
  Both versions guarantee a lifting capacity of 26kN.

## Agricube Features Vineyard / Wide Vineyard / Orchard



## Motor

 The elegant monobloc hood is easy to open and close and makes access for maintenance simple, blending style and practicality.



## **Rear tow attachment and lifter**

- > For the F and VL models a 30kN option is available, thanks to the use of an additional jack
- The three-point hitch is available in the following configurations: with fixed, cat. 2 (F and VL) ball type lower links and 1 (V) adjustable ball type lower links, category 2/1/N (F and VL) and 1/1N (V) with adjustable quick couplers cat. 2/1/1N (F and VL) and 1/1N (V).



## **Remote control electronic lift**

- The electronic lift's remote control, positioned on both rear fenders, facilitates handling of the rear lift
- > The practical mechanical command remote control is available for the mechanical lift.



## **Hydraulic system**

- The hydraulic circuit capacity (86 l/min with two pumps in the basic configuration and 101 l/min with the three pump option), guarantees the capacity necessary to meet the highest technical working demands
- > Use of the lateral SCVs is comfortable and practical thanks to the easy access, with their position guaranteeing excellent visibility from the driving seat.



### Compact

- Agricube completes the range of specialized tractors with the Vineyard version
- Available with cabin or platform with tiltable front roll bar, its compact dimensions and ergonomic design allow Agricube Vineyard to meet all the demands of those forced to work in narrow spaces, without renouncing the comfort
- The overall minimum width guarantees maximum manouvrability even in the most spatially demanding workplaces
- Agricube Vineyard is available in 70 V and 80 V models, respectively produced with highperformance FPT F5C, 4 cylinder engines, with 72 and 78 hp turbo.



## Cabin

- Available ventilated/heated (base) or heated/air-conditioned (option)
- > Soundproofed platform suspended on 4 silent blocks
- The new cabin for special tractors has been designed to provide all the necessary comforts. It is the perfect answer for those who rightly demand to work in a comfortable, yet practical, environment
- The range includes: cabin width 1,200 mm for Orchard and Wide Vineyard models, cabin width 1,000 mm for Vineyard models.



## **Hydraulic system**

- > Wide choice of distributor options for the specials range:
  - 2 DE distributors with 4 rear outputs push-pull, flow control on base plate for simultaneous action of distributor and lift
  - 3 DE distributors with 6 rear outputs push-pull, distributor flow control with 2 or 3 pumps
  - 3 DE distributors with 6 rear outputs and 4 side outputs, push-pull, distributor flow control with 2 or 3 pumps.



## **Driving seat**

- > Comfortable, ergonomic and practical, operations are made even easier by the intuitive controls
- > Every single Agricube detail has been designed to simplify use and make driving a more pleasurable experience.



## Details

 Even the smallest detail has been developed to guarantee a compact, clear-cut, dynamic design: fundamental requirements for those working with specialised crops.

# Agricube Technical Data Vineyard

	70 V	80 V	
ENGINE			
Engine manufacture	FPT	FPT	
Engine name	F5C (EURO III A)	F5C (EURO III A)	
Displacement	3,200 c <sup>3</sup>	3,200 c <sup>3</sup>	
Number of cylinders/Configuration	4 turbo	4 turbo	
Cooling system	Liquid cooled	Liquid cooled	
Maximum power ISO kW/hp	53/72.1	55/74.8	
PTO power ISO kW/hp	42/57	46/62	
Rated engine speed	2,300	2,300	
Maximum torque speed	1,250	1,250	
Maximum torque	290 Nm@1,250 rpm	310 Nm @ 1,250 rpm	
Torque rise	25%	37%	
Fuel tank capacity	71	71	
Fuel tank capacity with Front PTO	50 l	50 l	
Auxiliary tank capacity (option, mandatory with Front PTO)	19	19	
Exhaust	Horizontal	Horizontal	
ELECTRIC SYSTEM			
Battery	100 Ah	100 Ah	
Alternator	80 A	80 A	
Engine start	4.2 kW	4.2 kW	
TRANSMISSION			
<b>12+12</b> 12 front 12 rear	Gear Levers: lateral · Gear Box Range: 3 gear range L/M/Hi c Minimum tractor speed: 1.4 km Maximum tractor speed: 30 km	ollar shift • <b>Reverser:</b> mechanical /h with rear tyre 13.6R28	
<b>24+24</b> 24 front 24 rear	Gear Levers: lateral · Gear Box: Range: 3 gear range L/M/Hi co Minimum tractor speed: 0.5 km Maximum tractor speed: 40 km	ollar shift • <b>HI-LO:</b> mechanical • <b>Reverser:</b> mechanical //h with rear tyre 13.6R28	
<b>24+24</b> 24 front 24 rear	Gear Levers: lateral · Gear Box: 4 gear synchro     Range: 3 gear range L / M / Hi collar shift · HI-LO: electrohydraulic     Reverser: mechanical · Minimum tractor speed: 0.5 km/h with rear tyre 13.6R28     Maximum tractor speed: 40 km/h with rear tyre 13.6R28		
<b>24+12</b> 24 front 12 rear	Gear Levers: lateral · Gear Box: 4 gear synchro Range: 3 gear range L/M/Hi collar shift · HI-LO: electrohydraulic Reverser: electrohydraulic · Minimum tractor speed: 0.5 km/h with rear tyre 13.6R28 Maximum tractor speed: 40 km/h with rear tyre 13.6R28		
MECHANICAL POWER TAKE OFF			
Speed option (dry disc clutch)	540 - 540/540E - 540/1,0	00	
Ground drive PTO	Option		
Speed indicator on dashboard	Base		
ELECTRO HYDRAULIC POWER TAKE OFF			
Speed option (Wet disc clutch)	540/540E - 540/1,000		
Ground drive PTO	Base		
Speed indicator on dashboard	Base		
Ground drive PTO	Base		

Dry indipendent   11"     BRAKES      Brake actuation   Mechanical & Hydraulic integrated     Brake configuration   Oil wet disk     Brake configuration   Oil wet disk     Type   Mechanical     Actuation   Electrohydraulic     FRONT AXLE      Maximum steering angle   55"     Tilta angle   8"     Flange distance   925 mm     4WD actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE   Type     Pumps capacity (It/min) with 2 pumps (base)   61.2     Pumps capacity (It/min) with 2 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (battom)   41.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE FOINT HITCH AND LIFT CAPACITY   Maximum lift capacity     Maximum lift capacity   2,600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Fixed, ball-type, C	сцитсн			
Brake struation   Mechanical & Hydraulic integrated     Brake actuation   Oil wet disk     Brake configuration   Oil wet disk     Type   Mechanical     Actuation   Electrohydraulic     FRONT AXLE   Maximum steering angle     S5°   11it angle     Brake actuation   Electrohydraulic     FRONT AXLE   S1     Maximum steering angle   55°     Tilt angle   8°     Flange distance   925 mm     4Wb actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE   Type     Pype   Epiciclic     Ratio   6.1     Flange distance   892 mm     HYRAULIC SYSTEM   Pumps capacity (tt/min) with 2 pumps (base)     Pumps capacity (tt/min) with 3 pumps (option)   4.15 + 35 + 24.9     Distributors   1.5E + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos     with neutral simple return (4 rear exits), flow control for action     Three Point HITCH AND LIFT CAPACITY     Maximum lift capacity   2.600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)		11"		
Brake actuation   Mechanical & Hydraulic integrated     Brake configuration   Oil wet disk     REAR DIFFERNTIAL LOCK             Reference in the state of the stat				
Brake configuration   Oil wet disk     REAR DIFFERENTIAL LOCK   Image: Configuration     Type   Mechanical     Actuation   Electrohydraulic     FRONT AXLE   Image: Configuration     Maximum steering angle   55°     Tilt angle   8°     Flange distance   925 mm     4WD actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE   Image: Configuration     Type   Epiciclic     Ratio   Gil     Flange distance   892 mm     HYDRALLC SYSTEM   Image: Configuration     Pumps capacity (It/min) with 2 pumps (base)   Gl.2+24.8   Gl.2+24.9     Pumps capacity (It/min) with 3 pumps (botion)   41.5+35+24.8   41.5+35+24.9     Distributors   Ste + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Machanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   J/JN Cat.   Lower links     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Threer point hitch category   J/JN Cat. <td></td> <td>Mechanical &amp; Hydraulic integrated</td>		Mechanical & Hydraulic integrated		
REAR DIFFERENTIAL LOCK     Type   Mechanical     Actuation   Electrohydraulic     FRONT AXLE   Maximum steering angle     S5°   S°     Tilt angle   8°     Flange distance   925 mm     WD actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE   Type     Type   Epiciclic     Ratio   6.1     Flange distance   892 mm     HVDRAULC SYSTEM   Pumps capacity (It/min) with 2 pumps (base)     Pumps capacity (It/min) with 3 pumps (option)   41.5 + 35 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (option)   41.5 + 35 + 24.9   151 + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Maximum lift capacity   2,600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/IN Cat.     Lower links   Fixed, Ball-type, Cat. 1     Adjustable, ball-type, Cat. 1/2N   Adjustable, ball-type, Cat. 1/2N     Option   4 elements x 30 kg (120 kg)   DEMVER SEAT OOS				
TypeMechanicalActuationElectrohydraulicFRONT AXLEElectrohydraulicFRONT AXLE87Glange distance925 mm4WD actuationElectrohydraulicDifferential lockSelf-lockingREAR AXLE1TypeEpiciclicRatio6.1Flange distance892 mmHYDRAULIC SYSTEM892 mmPumps capacity (lt/min) with 2 pumps (base)61.2+24.8Obstributors61.2+24.8Obstributors61.2+24.8Obstributors15 E + 1D E 3 Pos / 15 E + 1D E 4 Pos with neutral simple return (4 rear exits), flow control for actionTHREE POINT HITCH AND LIFT CAPACITYMaximum lift capacityMaximum lift capacity2,600 kgLiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1/1N Adjustable, ball-type, Cat. 1/1N Ouck coupling, adjustable, Cat. 1/1N 				
Actuation   Electrohydraulic     FRONT AXLE   ************************************		Mechanical		
FRONT AXLE     Maximum steering angle   55°     Tilt angle   8°     Flange distance   925 mm     4WD actuation   Electrohydraulic     Olifferential lock   Self-locking     REAR AXLE   Type     Type   Epiciclic     Ratio   6-1     Flange distance   892 mm     HVDRAULIC SYSTEM   Pumps capacity (It/min) with 2 pumps (base)     Pumps capacity (It/min) with 3 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (option)   41.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   15E + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos   with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Maximum lift capacity   2,600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Fixed, ball-type, Cat. 1     Adjustable, ball-type, Cat. 1   Adjustable, ball-type, Cat. 1/1N     Quick coupling, adjustable, Cat. J/IN   Quick coupling, adjustable, Cat. J/IN     Option   4 elements x 30 kg (120 kg)     DRIVER SEAT OOS		Electrohydraulic		
Tilt angle   8°     Flange distance   925 mm     4WD actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE      Type   Epiciclic     Ratio   6:1     Flange distance   892 mm     HYDRAULIC SYSTEM      Pumps capacity (It/min) with 2 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (option)   41.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   15 E + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Maximum lift capacity   2,600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Fixed, ball-type, Cat. 1     Adjustable, ball-type, Cat. 1/2N   Quick coupling, adjustable, Cat. 1/1N     Quick coupling, adjustable, Cat. 1/1N   Quick coupling, adjustable, Cat. 1/2N     Potion   4 elements x 30 kg (120 kg)     DRIVER SEAT OOS   Fixed, base, Telescopic & tiltable (option)     Steering wheel   Fixed (base), Telescopic & tiltable (option) </td <td>FRONT AXLE</td> <td></td>	FRONT AXLE			
Tilt angle   8°     Flange distance   925 mm     4WD actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE	Maximum steering angle	 55°		
Flange distance925 mm4WD actuationElectrohydraulicDifferential lockSelf-lockingREAR AXLETypeEpiciclicRatio6:1Flange distance892 mmHYDRAULC SYSTEMPumps capacity (It/min) with 2 pumps (base)61.2 + 24.8Putps capacity (It/min) with 3 pumps (base)61.2 + 24.891.5 = 4 > 105 > 1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for actionTHREE POINT HITCH AND LIFT CAPACITYMaximum lift capacity2,600 kgLiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1/N Quick coupling, adjustable, cal. 1/1N Quick coupling, adjustable, cal. 1/1N 				
4WD actuation   Electrohydraulic     Differential lock   Self-locking     REAR AXLE   File     Type   Epiciclic     Ratio   6:1     Flange distance   892 mm     HVDRAULIC SYSTEM   Fumps capacity (It/min) with 2 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (obtion)   41.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Maximum lift capacity   2.600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Fixed, ball-type, Cat. 1/N Quick could, cat. 1/IN Quick could coul		925 mm		
Differential lock   Self-locking     REAR AXLE   Epiciclic     Type   Epiciclic     Ratio   6:1     Flange distance   892 mm     HYDRAULIC SYSTEM   Image distance     Pumps capacity (It/min) with 2 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (option)   41.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   15 st + 10 E 3 Pos / 15 E + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Ajustable, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N     TOW HOOKS   Front Silding     Phiry/Silding   Category Cuna C (basic), Category Cuna C + D2 (optional)     FROMT WEIGHTS   Image and another silds another silds another silds and another silds another silds and				
REAR AXLE     Type   Epiciclic     Ratio   6:1     Flange distance   892 mm     HYDRAULIC SYSTEM   Pumps capacity (lt/min) with 2 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (lt/min) with 3 pumps (option)   41.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   15 E + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Maximum lift capacity   2,600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Fixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N     TOW HOOKS   Pins/Sliding   Category Cuna C (basic), Category Cuna C + D2 (optional)     FRONT WEIGHTS   Uption   4 elements x 30 kg (120 kg)     DRIVER SEAT OOS   Platform   Suspended, insonorized on 4 silent blocks     Front rops   Front tiltable roll bar   Steering wheel     Steering wheel   Fixed (base), Telescopic & tiltable (option)     Seat   Mechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (optional)     Briror <t< td=""><td>Differential lock</td><td></td></t<>	Differential lock			
Ratio6:1Flange distance892 mmHYDRAULIC SYSTEMPumps capacity (It/min) with 2 pumps (base)61.2 + 24.861.2 + 24.9Pumps capacity (It/min) with 3 pumps (option)41.5 + 35 + 24.841.5 + 35 + 24.9Distributors1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for actionTHREE POINT HITCH AND LIFT CAPACITYMaximum lift capacity2.600 kgLiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SildingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)DashboardMultifunction	REAR AXLE			
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Flange distance   892 mm     HYDRAULIC SYSTEM   9     Pumps capacity (It/min) with 2 pumps (base)   61.2 + 24.8   61.2 + 24.9     Pumps capacity (It/min) with 3 pumps (option)   1.5 + 35 + 24.8   41.5 + 35 + 24.9     Distributors   1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for action     THREE POINT HITCH AND LIFT CAPACITY   Meximum lift capacity   2,600 kg     Lift   Mechanical with position, draft, mix control (base) - Electronic (option)     Three point hitch category   1/1N Cat.     Lower links   Fixed, ball-type, Cat. 1     Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N Quick Coupling adjustable, Cat. 1/2N Quick Coupling adjustable, Cat. 1/2N Quick Coupling adjustable, Cat. 1/2N Qui				
HYDRAULIC SYSTEMPumps capacity (lt/min) with 2 pumps (base) $61.2 + 24.8$ $61.2 + 24.9$ Pumps capacity (lt/min) with 3 pumps (option) $41.5 + 35 + 24.8$ $41.5 + 35 + 24.9$ Distributors $1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos$ with neutral simple return (4 rear exits), flow control for actionTHREE POINT HITCH AND LIFT CAPACITYMaximum lift capacity $2,600 \text{ kg}$ LiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category $1/1N \text{ Cat.}$ Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N Quick Coupling, adjustable, Cat. 1/2NTOW HOOKSPins/SlidingPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSPlatformQotion4 elements x 30 kg (120 kg)DRIVER SEAT OOSFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SteatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (o MirrorMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction				
Pumps capacity (It/min) with 3 pumps (option)41.5 + 35 + 24.841.5 + 35 + 24.9Distributors1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for actionTHREE POINT HITCH AND LIFT CAPACITYMaximum lift capacity2,600 kgLiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N Quick coupling adjustable, Cat. 1/1NFRONT WEIGHTSFront Tiet Suspended, insonorized on 4 silent blocksPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)DashboardMultifunction	· · · · · · · · · · · · · · · · · · ·			
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Distributors1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for actionTHREE POINT HITCH AND LIFT CAPACITYMaximum lift capacity2,600 kgLiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SlidingPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOptionOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSFront ropsFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (o MirrorDashboardMultifunction		41.5+35+24.8 41.5+35+24.9		
THREE POINT HITCH AND LIFT CAPACITYMaximum lift capacity2,600 kgLiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SlidingPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSFiront ropsPlatformSuspended, insonorized on 4 silent blocksFront ropsFiront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (o MirrorDashboardMultifunction				
LiftMechanical with position, draft, mix control (base) - Electronic (option)Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (o MirrorDashboardMultifunction	THREE POINT HITCH AND LIFT CAPACITY			
Three point hitch category1/1N Cat.Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (o MirrorDashboardMultifunction	Maximum lift capacity	2,600 kg		
Lower linksFixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)DashboardMultifunction	Lift			
Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1NTOW HOOKSPins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Three point hitch category	1/1N Cat.		
Pins/SlidingCategory Cuna C (basic), Category Cuna C + D2 (optional)FRONT WEIGHTSOption4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)MirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Lower links	Adjustable, ball-type, Cat. 1/1N		
FRONT WEIGHTS     Option   4 elements x 30 kg (120 kg)     DRIVER SEAT OOS     Platform   Suspended, insonorized on 4 silent blocks     Front rops   Front tiltable roll bar     Steering wheel   Fixed (base), Telescopic & tiltable (option)     Seat   Mechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (o     Mirror   LH rearview mirror (base) - RH rearview mirror (option)     Dashboard   Multifunction	тоw ноокѕ			
Option4 elements x 30 kg (120 kg)DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Pins/Sliding	Category Cuna C (basic), Category Cuna C + D2 (optional)		
DRIVER SEAT OOSPlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	FRONT WEIGHTS			
PlatformSuspended, insonorized on 4 silent blocksFront ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Option	4 elements x 30 kg (120 kg)		
Front ropsFront tiltable roll barSteering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	DRIVER SEAT OOS			
Steering wheelFixed (base), Telescopic & tiltable (option)SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Platform	Suspended, insonorized on 4 silent blocks		
SeatMechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (oMirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Front rops	Front tiltable roll bar		
MirrorLH rearview mirror (base) - RH rearview mirror (option)DashboardMultifunction	Steering wheel	Fixed (base), Telescopic & tiltable (option)		
Dashboard Multifunction	Seat	Mechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)		
	Mirror	LH rearview mirror (base) - RH rearview mirror (option)		
Operator's ManualEnglish / Italian version (base)	Dashboard	Multifunction		
	Operator's Manual	English / Italian version (base)		
DRIVER SEAT CABIN VERSION	DRIVER SEAT CABIN VERSION			
CabinInsonorised, on 4 silent block suspended, ventilated and heated version (base)Insonorised, on 4 silent block suspended, heated and air conditioning version (op	Cabin	Insonorised, on 4 silent block suspended, ventilated and heated version (base) Insonorised, on 4 silent block suspended, heated and air conditioning version (option)		
Steering wheelFixed (base), Telescopic & tiltable (option)	Steering wheel	Fixed (base), Telescopic & tiltable (option)		
Seat Mechanical suspended seat in textile (base), Pneumatic suspended seat in textile (o	Seat	Mechanical suspended seat in textile (base), Pneumatic suspended seat in textile (option)		
Mirror2 external rearview mirrors LH & RH - 1 internal rear view (option)	Mirror	2 external rearview mirrors LH & RH - 1 internal rear view (option)		
Dashboard Multifunction	Dashboard			
Operator's Manual     English / Italian version (base)	Operator's Manual	English / Italian version (base)		

# Agricube Technical Data Wide Vineyard

	70 VL	80 VL	90 VL	100 VL		
ENGINE						
Engine manufacture	FPT	FPT	FPT	FPT		
Engine name	F5C (EURO III A)	F5C (EURO III A)	F5C (EURO III A)	NEF (EURO III A)		
Displacement	3,200 c <sup>3</sup>	3,200 c <sup>3</sup>	3,200 c <sup>3</sup>	4,500 c <sup>3</sup>		
Number of cylinders/Configuration	4 turbo	4 turbo	4 turbo intercooler	4 turbo intercooler		
Cooling system	Liquid cooled	Liquid cooled	Liquid cooled	Liquid cooled		
Maximum power ISO kW/hp	53/72.1	55/74.8	65/88.4	74/100.6		
PTO power ISO kW/hp	42/57	46/62	55/75	63/86		
Rated engine speed	2,300	2,300	2,300	2,200		
Maximum torque speed	1,250	1,250	1,300	1,250		
Maximum torque	290 Nm@1,250 rpm	310 Nm@1,250 rpm	350 Nm@1,300 rpm	430 Nm@1,250 rpm		
Torque rise	25%	37%	36%	28%		
Fuel tank capacity	71	71	71	71		
Fuel tank capacity with Front PTO	50 l	50 l	50 l	50 l		
Auxiliary tank capacity (option, mandatory with Front PTO)	19	19	19	19		
Exhaust	Horizontal	Horizontal	Horizontal	Horizontal		
ELECTRIC SYSTEM						
Battery	100 Ah	100 Ah	100 Ah	100 Ah		
Alternator	80 A	80 A	80 A	90 A		
Engine start	4.2 kW	4.2 kW	4.2 kW	4.2 kW		
TRANSMISSION						
<b>12+12</b> 12 front 12 rear	Range: 3 gear range Minimum tractor sp	• <b>Gear Box:</b> 4 gear sy e L / M / Hi collar shift eed: 1.5 km/h with rea eed: 30 km/h with rea	• <b>Reverser:</b> mechanica r tyre 14.9R28	al		
<b>24+24</b> 24 front 24 rear	Gear Levers: lateral · Gear Box: 4 gear synchro Range: 3 gear range L/M/Hi collar shift · HI-LO: mechanical · Reverser: mechanica Minimum tractor speed: 0.5 km/h with rear tyre 14.9R28 Maximum tractor speed: 40 km/h with rear tyre 14.9R28					
<b>24+24</b> 24 front 24 rear	Gear Levers: lateral · Gear Box: 4 gear synchro Range: 3 gear range L/M/Hi collar shift · HI-LO: electrohydraulic Reverser: mechanical · Minimum tractor speed: 0.5 km/h with rear tyre 14.9R28 Maximum tractor speed: 40 km/h with rear tyre 14.9R28					
<b>24+12</b> 24 front 12 rear	Gear Levers: lateral · Gear Box: 4 gear synchro Range: 3 gear range L/M/Hi collar shift · HI-LO: electrohydraulic Reverser: electrohydraulic · Minimum tractor speed: 0.5 km/h with rear tyre 14.9R28 Maximum tractor speed: 40 km/h with rear tyre 14.9R28					
MECHANICAL POWER TAKE OFF						
Croad antion (dry disc slutsh)	540 - 540/540 E	- 540/1,000				
Speed option (dry disc clutch)	516 510/510 E	Option				
Ground drive PTO	· · · · · · · · · · · · · · · · · · ·					
	· · · · · · · · · · · · · · · · · · ·					
Ground drive PTO	Option					
Ground drive PTO Speed indicator on dashboard	Option	1,000				
Ground drive PTO Speed indicator on dashboard ELECTRO HYDRAULIC POWER TAKE OFF	Option Base	/1,000				

CLUTCH		
Dry indipendent	11"	
BRAKES		
Brake actuation	Mechanical & Hydraulic integrated	
Brake configuration	Oil wet disk	
REAR DIFFERENTIAL LOCK		
Туре	Mechanical	
Actuation	Electrohydraulic	
FRONT AXLE		
Maximum steering angle	54°	
Tilt angle	8°	
Flange distance	990 mm	
4WD Actuation	Electrohydraulic	
Differential lock	Self-locking	
REAR AXLE		
Туре	Epiciclic	
Ratio	6:1	
Flange distance	972 mm	
HYDRAULIC SYSTEM		
Pumps capacity (It/min)	With 2 pumps (base): 61.2 + 24.8	
	With 3 pumps (option): 41.5 + 35 + 24.8	
Distributors	1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for simultaneous use of distributor and lift	
THREE POINT HITCH AND LIFT CAPACITY		
Maximum lift capacity	2,600 kg (base) - 3,000 kg (option)	
Lift	Mechanical with position, draft, mix control (base) - Electronic (option)	
Three point hitch category	1/1N/2 Cat.	
Lower links	Fixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N	
тож ноокѕ		
Pins/Sliding	Category Cuna C (basic), Category Cuna C + D2 (optional)	
FRONT WEIGHTS		
Option	4 elements x 30 kg (120 kg) 6 elements x 30 kg (180 kg) 10 elements x 30 kg (300 kg)	
DRIVER SEAT OOS		
Platform	Suspended, insonorized on 4 silent blocks	
Front rops	Front tiltable roll bar	
Steering wheel	Fixed (base), Telescopic & tiltable (option)	
Seat	Mechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)	
Mirror	LH Rearview mirror (base) - RH Rearview mirror (option)	
Dashboard	LH REALVIEW MILTOR (DASE) - RH REALVIEW MILTOR (OPTION) Multifunction	
Operator's Manual	English / Italin version (base)	
DRIVER SEAT CABIN VERSION		
Cabin	Insonorised, on 4 silent block suspended, ventilated and heated version (base) Insonorised, on 4 silent block suspended, heated and air conditioning version (option)	
Steering wheel	Fixed (base), Telescopic & tiltable (option)	
Seat	Mechanical suspended seat in textile (base), Pneumatic suspended seat in textile (option)	
Mirror	2 external rearview mirrors LH & RH – 1 internal rear view (option)	
Dashboard	Multifunction	
Operator's Manual	English / Italian version (base)	
	· · · · · · · · · · · · · · · · · · ·	

# Agricube Technical Data Orchard

	70 F	80 F	90 F	100 F
ENGINE				
Engine manufacture	FPT	FPT	FPT	FPT
Engine name	F5C (EURO III A)	F5C (EURO III A)	F5C (EURO III A)	NEF (EURO III A)
Displacement	3,200 c <sup>3</sup>	3,200 c <sup>3</sup>	3,200 c <sup>3</sup>	4,500 c <sup>3</sup>
Number of cylinders/Configuration	4 turbo	4 turbo	4 turbo intercooler	4 turbo intercooler
Cooling system	Liquid cooled	Liquid cooled	Liquid cooled	Liquid cooled
Maximum power ISO kW/hp	53/72.1	55/74.8	65/88.4	74/100.6
PTO power ISO kW/hp	42/57	46/62	55/75	63/86
Rated engine speed	2,300	2,300	2,300	2,200
Maximum torque speed	1,250	1,250	1,300	1,250
Maximum torque	290 Nm@1,250 rpm	310 Nm@1,250 rpm	350 Nm@1,300 rpm	430 Nm@1,250 rpm
Torque rise	25%	37%	36%	28%
Fuel tank capacity	71	71	71	71
Fuel tank capacity with Front PTO	50 l	50 l	50 l	50 l
Auxiliary tank capacity (option, mandatory with Front PTO)	19	19	19	19
Exhaust	Horizontal	Horizontal	Horizontal	Horizontal
ELECTRIC SYSTEM				
Battery	100 Ah	100 Ah	100 Ah	100 Ah
Alternator	80 A	80 A	80 A	90 A
Engine start	4.2 kW	4.2 kW	4.2 kW	4.2 kW
TRANSMISSION				
<b>12+12</b> 12 front 12 rear	Range: 3 gear range Minimum tractor sp	• <b>Gear Box:</b> 4 gear sy e L / M / Hi collar shift eed: 1.5 km/h with rea eed: 30 km/h with rea	• <b>Reverser:</b> mechanica r tyre 14.9R28	al
<b>24+24</b> 24 front 24 rear	Gear Levers: Lateral · Gear Box: 4 gear synchro Range: 3 gear range L / M / Hi collar shift · HI-LO: mechanical · Reverser: mechanica Minimum tractor speed: 0.5 km/h with rear tyre 14.9R28 Maximum tractor speed: 40 km/h with rear tyre 14.9R28			
<b>24+24</b> 24 front 24 rear	Gear Levers: Lateral · Gear Box: 4 gear synchro Range: 3 gear range L / M / Hi collar shift · HI-LO: electrohydraulic Reverser: mechanical · Minimum tractor speed: 0.5 km/h with rear tyre 14.9R28 Maximum tractor speed: 40 km/h with rear tyre 14.9R28			
<b>24+12</b> 24 front 12 rear	Gear Levers: Lateral · Gear Box: 4 gear synchro Range: 3 gear range L/M/Hi collar shift · HI-LO: electrohydraulic Reverser: electrohydraulic · Minimum tractor speed: 0.5 km/h with rear tyre 14.9R28 Maximum tractor speed: 40 km/h with rear tyre 14.9R28			
MECHANICAL POWER TAKE OFF				
Speed option (dry disc clutch)	540 - 540/540 E	- 540/1,000		
Speed option (dry disc clutch) Ground drive PTO	540 - 540/540 E Option	- 540/1,000		
		- 540/1,000		
Ground drive PTO	Option	- 540/1,000		
Ground drive PTO Speed indicator on dashboard	Option			
Ground drive PTO Speed indicator on dashboard ELECTRO HYDRAULIC POWER TAKE OFF	Option Base			

СLUTCH		
Dry indipendent	11"	
BRAKES		
Brake actuation	Mechanical & Hydraulic integrated	
Brake configuration	Oil wet disk	
REAR DIFFERENTIAL LOCK		
Туре	Mechanical	
Actuation	Electrohydraulic	
FRONT AXLE		
Maximum steering angle	52°	
Tilt angle	8°	
Flange distance	1,325 mm	
4WD actuation	Electrohydraulic	
Differential lock	Self-locking	
REAR AXLE		
Туре	Epiciclic	
Ratio	6:1	
Flange distance	1,242 mm	
HYDRAULIC SYSTEM		
Pumps capacity (It/min)	With 2 pumps (base): 61.2 + 24.8	
	With 3 pumps (option): 41.5 + 35 + 24.8	
Distributors	1 SE + 1 DE 3 Pos / 1 SE + 1 DE 4 Pos with neutral simple return (4 rear exits), flow control for simultaneous use of distributor and lift	
THREE POINT HITCH		
Maximum lift capacity	2,600 kg (base) - 3,000 kg (option)	
Lift	Mechanical with position, draft, mix control (base) - Electronic (option)	
Three point hitch category	1/1N/2 Cat.	
Lower links	Fixed, ball-type, Cat. 1 Adjustable, ball-type, Cat. 1/1N Quick coupling, adjustable, Cat. 1/1N	
тож ноокѕ		
Pins/Sliding	Category Cuna C (basic), Category Cuna C + D2 (optional)	
FRONT WEIGHTS		
Option	4 elements x 30 kg (120 kg) 6 elements x 30 kg (180 kg) 10 elements x 30 kg (300 kg)	
DRIVER SEAT OOS		
Platform	Suspended, insonorized, on 4 silent blocks	
Front rops	Front tiltable roll bar	
Steering wheel	Fixed (base), Telescopic & tiltable (option)	
Seat	Mechanical suspended seat in Pvc (base), Pneumatic suspended seat in Pvc (option)	
Mirror	LH Rearview mirror (base) - RH Rearview mirror (option)	
Dashboard	Multifunction	
Operator's Manual	English / Italin version (base)	
DRIVER SEAT CABIN VERSION		
Cabin	Insonorised, on 4 silent block suspended, ventilated and heated version (base) Insonorised, on 4 silent block suspended, heated and air conditioning version (option)	
Steering wheel	Fixed (base), Telescopic & tiltable (option)	
Seat	Mechanical suspended seat in textile (base), Pneumatic suspended seat in textile (option)	
Mirror	2 external rearview mirrors RH & LH	
Dashboard	Multifunction	
Operator's Manual	English / Italian version (base)	
	בוקוטוין ונעוועון יכוטיטו (טעטכן	

# **Agricube Measurements**

		Vineyard		Wide Viney	ard	Orchard	
		САВ	005	CAB	005	САВ	005
A *	2 WD	3,991	3,991	3,991	3,991	3,991	3,991
(mm)	4 WD	3,991	3,991	3,991	3,991	3,991	3,991
A1*	2 WD	4,316	4,316	4,316	4,316	4,316	4,316
(mm)	4 WD	4,316	4,316	4,316	4,316	4,316	4,316
B max	2 WD	1,700	1,700	1,900	1,900	1,980	1,980
(mm)	4 WD	1,700	1,700	1,900	1,900	1,980	1,980
С	2 WD	2,335	2,482	2,385	2,533	2,385	2,533
(mm)	4 WD	2,335	2,482	2,385	2,533	2,385	2,533
D *	2 WD	2,098	2,098	2,098	2,098	2,098	2,098
(mm)	4 WD	2,098	2,098	2,098	2,098	2,074	2,074
E front	2 WD	776 <del>:</del> 1,374	776 ÷ 1,374	776÷1,374	776÷1,374	9,97÷1,566	9,97÷1,566
(mm)	4 WD	822 ÷ 1,022	822 ÷ 1,022	846÷1,110	846÷1,110	9,97÷1,625	9,97 <del>÷</del> 1,625
E rear	2 WD	896 ÷ 1,296	896 <del>:</del> 1,296	928÷1,376	928÷1,376	1,102 ÷ 1,646	1,102÷1,646
(mm)	4 WD	896÷1,296	896 <del>:</del> 1,296	928÷1,376	928÷1,376	1,102 ÷ 1,646	1,102÷1,646
F	2 WD	1,060	1,060	1,060	1,060	1,060	1,060
(mm)	4 WD	1,060	1,060	1,060	1,060	1,060	1,060
<b>G</b> (mm)	2 RM	380 ant 355 post	380 ant 355 post	405 ant 330 post	405 ant 330 post	430 ant 355 post	430 ant 355 post
	4 RM	270 ant 295 post	270 ant 295 post	306 ant 355 post	306 ant 355 post	295 ant 355 post	295 ant 355 post
Н	2 WD	1,158	1,158	1,158	1,158	1,158	1,158
(mm)	4 WD	1,158	1,158	1,158	1,158	1,182	1,182
R	2 WD	20°	20°	20°	20°	20°	20°
	4 WD	20 °	20°	22°	22°	25°30'	25°30'
К	2 WD	22°30'	22°30'	24 °	24 °	24°	24°
	4 WD	22°30'	22°30'	24 °	24 °	24°	24 °
<b>Front</b> Tyres	2 WD	7.50 <del>÷</del> R16	7.50 ÷ R16	7.50 ÷ R16	7.50 ÷ R16	7.50 ÷ R16	7.50 ÷ R16
	4 WD	7.50 ÷ R16	7.50 ÷ R16	280/70R18	280/70R18	320/70R20	320/70R20
<b>Rear</b> Tyres	2 WD	12.4R28 320/85R28	12.4R28 320/85R28	14.9R28 380/85R28	14.9R28 380/85R28	14.9R28 380/85R28	14.9R28 380/85R28
	4 WD	12.4R28 320/85R28	12.4R28 320/85R28	14.9R28 380/85R28	14.9R28 380/85R28	14.9R28 380/85R28	14.9R28 380/85R28
Weight **	2 WD	2,555 kg	2,340 kg	2,775 kg	2,540 kg	2,825 kg	2,590 kg
[w/o front	4 WD	2,645 kg	2,430 kg	2,905 kg	2,670 kg	2,965 kg	2,730 kg

Vineyard / Wide Vineyard / Orchard









## Agricube Low Orchard



- > The new Low Orchard joins the family of tractors with the Tre Cavallini Carraro trademark in its own right, further enlarging the already wide range of models: Vineyard, Wide Vineyard, Orchard and Light Utility.
- > Available with two different FPT engines, 80 HP or 90 HP, 4 turbo cylinders, 3,200 cc, this new agricultural tractor answers the needs of those who work in environments such as vineyards with hanging vine type cultivation, greenhouses, nut groves, olive groves and low trees in general.
- > With 4WD front axle and 24 Fw + 24 Rw power train with mechanical reverser and mechanical HI-LO, and Carraro synchronisation, the new Low Orchard tractor is available with 24" or 20" rear tyres.
- In both versions, the maximum speed is 40 km/h, for full efficiency even when travelling between sites.

## Agricube Features Low Orchard





## **Right side boarding**

 The particular care taken in the ergonomic design has created simple, unobstructed access to the driver seat, making climbing aboard the tractor and getting off both quick and easy.



## **Driver seat**

The ergonomics of the driver position and the tractor layout have been designed to the smallest detail to combine reliability and comfort with the special needs of the low driver seat, leaving the driver ample room for manoeuvring.

## Agricube Features Low Orchard





## **Dashboard and steering wheel**

- > The steering wheel is perfectly aligned with the hood, guaranteeing the low profile.
- > Excellent visibility of the display and access to the controls.



## **Control levers**

 Perfectly integrated, the levers follow the tractor profile, preventing any risk of becoming tangled with vegetation.

# Agricube Technical Data Low Orchard

	80 FB	90 FB
ENGINE		
Engine manufacture	FPT	FPT
Engine name	F5C (EURO IIIA)	F5C (EURO IIIA)
Displacement	3,200 cm <sup>3</sup>	3,200 cm <sup>3</sup>
Number of cylinders / Configuration	4 turbo	4 turbo intercooler
Cooling system	Liquid cooled	Liquid cooled
Maximum power ISO kW/hp	55/74.8	65/88.4
PTO power ISO kW/hp	46/62	55/75
Rated engine speed	2,300	2,300
Maximum torque speed	1,250	1,300
Maximum torque	310 Nm@1,250 rpm	350 Nm@1,250 rpm
Torque rise	37%	36%
Fuel tank capacity	71	71
Fuel tank capacity with front PTO	52.3	52.3 l
Exhaust	Horizontal	Horizontal
Battery	100 Ah	100 Ah
Alternator	80 A	80 A
Engine start	4.2 kW	4.2 kW
TRANSMISSION		
	Coor lovers Lateral Coor how	A goor support Dange, 2 goor range L/M/IIi
<b>24 + 24</b> 24 front	Gear levers: Lateral · Gear box HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr	n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO (	HI-LO: mechanical • Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr	mechanical n/h with 24" rear tyre
<b>24 + 24</b> 24 front 24 rear	HI-LO: mechanical • Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr	mechanical n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C	HI-LO: mechanical • Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr	mechanical n/h with 24" rear tyre
24+24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch)	HI-LO: mechanical • Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000	mechanical n/h with 24" rear tyre
24 + 24 24 front 24 rear <b>MECHANICAL POWER TAKE-OFF SERVO (</b> Speed option (dry disk clutch) Ground drive PTO	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option	mechanical n/h with 24" rear tyre
24 + 24 24 front 24 rear <b>MECHANICAL POWER TAKE-OFF SERVO C</b> Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option	mechanical n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent	HI-LO: mechanical • Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base	mechanical n/h with 24" rear tyre
24+24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk	HI-LO: mechanical • Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base 11"	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO ( Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control DIFFERENTIAL LOCK	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base 11"	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control DIFFERENTIAL LOCK Type	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base 11" Mechanical and hydraulic, 10 d	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO ( Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control DIFFERENTIAL LOCK Type Actuation	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base 11" Mechanical and hydraulic, 10 d Mechanical	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24+24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control DIFFERENTIAL LOCK Type Actuation FRONT AXLE	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base 11" Mechanical and hydraulic, 10 d Mechanical	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO ( Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr CONTROLLED 540/540 E - 540/1,000 Option Base 11" 11" Mechanical and hydraulic, 10 d Mechanical Electrohydraulic	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24 + 24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO C Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control DIFFERENTIAL LOCK Type Actuation FRONT AXLE Maximum steering angle	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 kr Maximum tractor speed: 42 kr SONTROLLED 540/540 E - 540/1,000 Option Base 11" 11" Mechanical and hydraulic, 10 d Mechanical Electrohydraulic	mechanical n/h with 24" rear tyre n/h with 24" rear tyre
24+24 24 front 24 rear MECHANICAL POWER TAKE-OFF SERVO ( Speed option (dry disk clutch) Ground drive PTO Speed indicator on dashboard CLUTCH Dry independent with cerametallic double disk BRAKES Control DIFFERENTIAL LOCK Type Actuation FRONT AXLE Maximum steering angle Tilt angle	HI-LO: mechanical · Reverser: Minimum tractor speed: 0.5 km Maximum tractor speed: 42 km ONTROLLED 540/540 E - 540/1,000 Option Base 11" 11" Mechanical and hydraulic, 10 d Mechanical Electrohydraulic 52° 7°	mechanical n/h with 24" rear tyre n/h with 24" rear tyre

Epiciclic
6:1
1,242 mm
64.7 + 28.8
Flow control + 1 SE/DE + 1 SE/DE floating
ΙТΥ
2,400 kg
Mechanical with position, draft and mix control
2/1/1N
Quick coupling, adjustable
СІТҮ / РТО
1,500 kg
1,100 rpm
Category Cuna C (basic supply), Category Cuna C + D2 (optional)
Category EC
「YRE * )
4 elements × 30 kg (120 kg), 6 elements × 30 kg (180 kg)
10 elements × 30 kg (300 kg), 12 elements × 30 kg (360 kg)
Suspended, soundproofed, on 4 silent blocks
Front tiltable roll bar
Fixed
Mechanical suspended seat in PVC
LH Rearview mirror (base) RH Rearview mirror (option)
Multifunction
English/Italian version

#### \* OPTIONAL TYRE COMBINATION

Front 280/70R16 - Rear 380/70R24 Front 280/70R16 - Rear 360/70R24

## Agricube Dimensions and Weights Low Orchard



	Dimensions with 260 / 70R16 front tyre - 380 / 70R20 rear tyre					
Α	Total length	3,864 mm				
A1	Total length with weights	4,172 mm				
В	Max. and min. total rear measurement	1,868 mm / 1,418 mm				
B1	Max. and min. total front measurement	1,672 mm / 1,556 mm				
С	Height with raised roll bar	2,390 mm				
D	Wheel base	2,074 mm				
E1	Front track width	1,257 mm / 1,373 mm				
E	Rear track width	1,024 mm / 1,474 mm				
F	Mudguard internal width	600 mm				
G	Maximum hood height	1,250 mm				
Н	Clearance from soil, front and rear	230 mm (fore) / 210 mm (rear)				
I	Driver seat height	1,000 mm				
L	Rear overhang	940 mm				
М	Front overhang	856 mm				
Total weight	Without driver and without weights	2,600 kg				



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