

# Agricube Technical Data

## Vigneto Largo

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

<b>CLUTCH</b>	
Dry independent	11"
<b>BRAKES</b>	
Brake actuation	Mechanical & Hydraulic integrated
Brake configuration	Oil wet disk
<b>REAR DIFFERENTIAL LOCK</b>	
Type	Mechanical
Actuation	Electrohydraulic
<b>FRONT AXLE</b>	
Maximum steering angle	54°
Tilt angle	8°
Flange distance	990 mm
4WD Actuation	Electrohydraulic
Differential lock	Self-locking
<b>REAR AXLE</b>	
Type	Epicyclic
Ratio	6:1
Flange distance	972 mm
<b>HYDRAULIC SYSTEM</b>	
Pumps capacity (lt/min)	<b>With 2 pumps (base):</b> 61.2 + 24.8 <b>With 3 pumps (option):</b> 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
<b>THREE POINT HITCH AND LIFT CAPACITY</b>	
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
<b>TOW HOOKS</b>	
Pins/Sliding	Category Cuna C (basic), Category Cuna C + D2 (optional)
<b>FRONT WEIGHTS</b>	
Option	4 elements x 30 kg (120 kg) 6 elements x 30 kg (180 kg) 10 elements x 30 kg (300 kg)
<b>DRIVER SEAT OOS</b>	
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/ Italian version (base)
<b>DRIVER SEAT CABIN VERSION</b>	
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 Measurements

		Vigneto		Vigneto Largo		Frutteto	
		CAB	OOS	CAB	OOS	CAB	OOS
<b>A *</b> (mm)	4 WD	3,991	3,991	3,991	3,991	3,991	3,991
<b>A 1 *</b> (mm)	4 WD	4,316	4,316	4,316	4,316	4,316	4,316
<b>B max</b> (mm)	4 WD	1,700	1,700	1,900	1,900	1,980	1,980
<b>C</b> (mm)	4 WD	2,335	2,482	2,385	2,533	2,385	2,533
<b>D *</b> (mm)	4 WD	2,098	2,098	2,098	2,098	2,074	2,074
<b>E front</b> (mm)	4 WD	822 ÷ 1,022	822 ÷ 1,022	846 ÷ 1,110	846 ÷ 1,110	9,97 ÷ 1,625	9,97 ÷ 1,625
<b>E rear</b> (mm)	4 WD	896 ÷ 1,296	896 ÷ 1,296	928 ÷ 1,376	928 ÷ 1,376	1,102 ÷ 1,646	1,102 ÷ 1,646
<b>F</b> (mm)	4 WD	1,060	1,060	1,060	1,060	1,060	1,060
<b>G</b> (mm)	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
<b>H</b> (mm)	4 WD	1,158	1,158	1,158	1,158	1,182	1,182
<b>R</b>	4 WD	20°	20°	22°	22°	25° 30'	25° 30'
<b>K</b>	4 WD	22° 30'	22° 30'	24°	24°	24°	24°
<b>Front Tyres</b>	4 WD	7.50 ÷ R16	7.50 ÷ R16	280/70R18	280/70R18	320/70R20	320/70R20
<b>Rear Tyres</b>	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
<b>Weight **</b> [w/o front weights]	4 WD	2,645 kg	2,430 kg	2,905 kg	2,670 kg	2,965 kg	2,730 kg
	4 WD	2,645 kg	2,430 kg	2,905 kg	2,670 kg	2,965 kg	2,730 kg

\* A, A 1, D with NEF motor: +87 mm / \*\* Weight with NEF motor: +70 kg

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## Vigneto / Vigneto Largo / Frutteto

