

Agricube Technical Data

Vigneto

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

CLUTCH	
Dry independent	11"
BRAKES	
Brake actuation	Mechanical & Hydraulic integrated
Brake configuration	Oil wet disk
REAR DIFFERENTIAL LOCK	
Type	Mechanical
Actuation	Electrohydraulic
FRONT AXLE	
Maximum steering angle	55°
Tilt angle	8°
Flange distance	925 mm
4WD actuation	Electrohydraulic
Differential lock	Self-locking
REAR AXLE	
Type	Epicyclic
Ratio	6:1
Flange distance	892 mm
HYDRAULIC SYSTEM	
Pumps capacity (lt/min) with 2 pumps (base)	61.2 + 24.8
Pumps capacity (lt/min) 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 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. 1/1N Quick coupling, adjustable, Cat. 1/1N
TOW HOOKS	
Pins/Sliding	Category Cuna C (basic), Category Cuna C + D2 (optional)
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 (option)
Mirror	LH rearview mirror (base) - RH rearview mirror (option)
Dashboard	Multifunction
Operator's Manual	English/Italian 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 Measurements

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

Vigneto / Vigneto Largo / Frutteto

