

Tractors

ARION 6 CMATIC

ARION 6 CMATIC		6.190	6.160	6.140
Engine				
Manufacturer		DPS	DPS	DPS
Number of cylinders		6	6	6
Cubic capacity	cm^3	6788	6788	6788
Variable geometry turbo		●	●	●
Max. output (ECE R 120)	kW/hp	136/185	121/165	107/145
Max. output with CPM (ECE R 120)	kW/hp	151/205	–	–
Constant output range	rpm	1800 – 2100	1800 – 2100	1800 – 2100
Type approval value max. output / rated output [1,2]	kW	154 / 144	130 / 115	116 / 102
Max. torque (ECE R 120)	Nm	849 (with CPM)	703	640
Engine speed at max. torque	rpm	1500	1500	1500
Fuel tank capacity	l	370	370	370
Oil-change interval	h	500	500	500
CMATIC continuously variable transmission				
Transmission type (CLAAS EQ transmission)		continuously variable (EQ 220)	continuously variable (EQ 200)	continuously variable (EQ 200)
Speeds (min.-max.)	km/h	0.05-50/40	0.05-50/40	0.05-50/40
REVERSHIFT clutchless reverser		●	●	●
Rear axle				
Flanged axle/ quick-release axle		● / ○	● / ○	● / –
Electrohydraulically activated differential locks with automatic function		●	●	●
Electric parking brake		○	○	○
Max. rear tyres		710/60 R 42	710/60 R 42	710/60 R 38
Max. diameter of rear tyres	m	1.95	1.95	1.85
Oil-change interval	h	1500	1500	1500
PTO				
Wet multi-disc clutch		●	●	●
External controls		●	●	●
540/540 ECO / 1000 / 1000 ECO		●	●	●
Changeable PTO stub		●	●	●
Automatic PTO engagement / disengagement		●	●	●
Four-wheel drive front axle				
PROACTIV front axle suspension		–	□	□
PROACTIV front axle suspension with braked front axle		●	●	●
Automatic 4-wheel drive		●	●	●
Optimum turning radius	m	5.5	5.5	5.5
Hydraulics				
Load-sensing circuit 150 l/min		●	○	○
Load-sensing circuit 110 l/min		–	●	●
Max. operating pressure	bar	200	200	200
External controls		●	●	●
Number of electric spool valves (rear)		4	4	4
Two electronic spool valves (middle)		○	○	○
ELECTROPILOT (electronic four-way control lever)		●	●	●
Flow rate control, prioritisation, time control		●	●	●

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All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.

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Rear linkage				
Max. lifting capacity at ball ends	kg	8000	8000	7500
Continuous lift capacity at 610 mm	kg	5100	5100	5100
Vibration damping		●	●	●
External controls		●	●	●
Active wheel slip control		○	○	○
ISOBUS socket		○	○	○
Front linkage				
Front linkage 4t (with vibration damping)		●	●	●
Front PTO 1000 rpm		○	○	○
Position control		○	○	○
External controls		●	●	●
Additional hydraulic connections / external controls		□ / □	□ / □	□ / □
ISOBUS socket or 25 A power suppy		○ / ●	○ / ●	○ / ●
Trailer socket		●	●	●
Cabs				
Full suspension cab		●	●	●
CEBIS version with CMOTION control		●	●	●
Automatic climate control		●	●	●
Premium driver's seat with semi-active suspension, air conditioning and massage function		●	○	○
Passenger seat with integral cool box		●	●	●
Dimensions and weights				
Height mid-rear axle to cab roof (incl. SAT 900 GNSS receiver) (a)	mm	2255	2255	2255
Wheelbase (b)	mm	2820	2820	2820
Length (front linkage to rear lower links) (c)	mm	4840	4786	4781
Weight (depending on specification)	kg	8335	7600	7470
Max. permissible gross weight	kg	12500	11000	10250



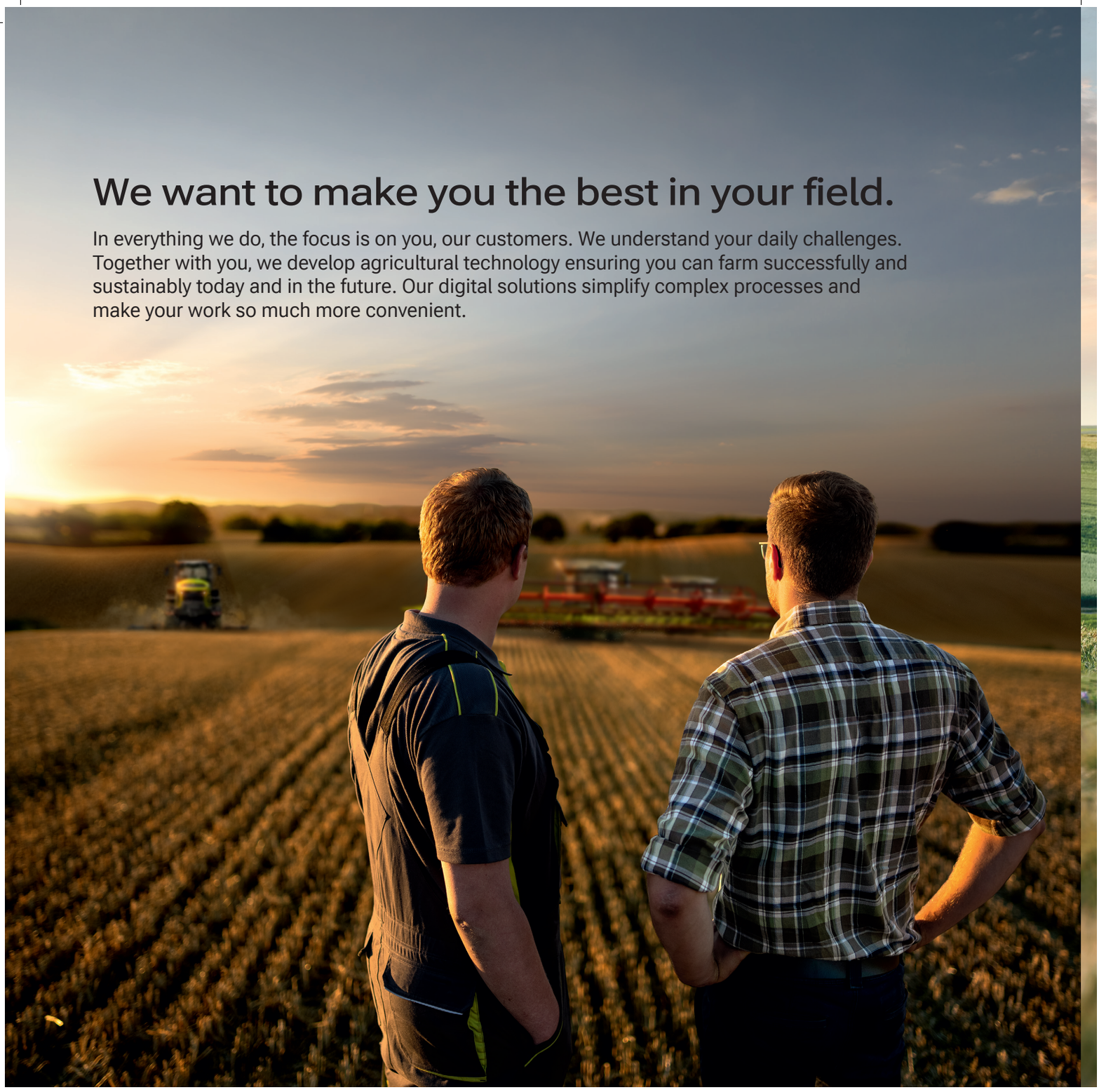
Discover the new ARION 6 CMATIC.
Specify everything you need in just a few clicks – front loader, digital assistants or comfort equipment – to tailor the machine perfectly to your day-to-day operations.

Configure your ARION 6 now or consult your dealer.

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● standard ○ optional □ available – not available

[1] Compliant with UN ECE R 120
[2] Performance data fit criteria for admissibility



We want to make you the best in your field.

In everything we do, the focus is on you, our customers. We understand your daily challenges. Together with you, we develop agricultural technology ensuring you can farm successfully and sustainably today and in the future. Our digital solutions simplify complex processes and make your work so much more convenient.

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