



## The facts at a glance.

Nice pictures seduce, hard facts convince. That is why we have summarised the most important dimensions and information concerning the three NECTIS models in one easy-reference location.



	NECTIS 227	NECTIS 237	NECTIS 247	NECTIS 257	NECTIS 267
<b>Engine</b>					
Manufacturer / type	Iveco/Cummins				
No. of cylinders/aspiration	3 turbo	3 turbo	4 naturally aspirated	4 turbo	4 turbo
Cubic capacity (cm³)	3.364	3.364	4.485	4.485	4.485
Rated engine speed (rpm)	2.300	2.300	2.300	2.300	2.300
Rated power output – ISO TR14396 (kW/HP)	50/68	58/79	60/82	66/90	74/101
Rated power output – ECE R24 (kW/HP)	49/66	57/77	59/80	65/88	73/99
Max. torque (Nm)	267	310	330	366	400
Speed at max. torque (rpm)	1.400	1.400	1.400	1.400	1.400
Torque back-up (%)	27	29	28	33	29
Water-cooling	●	●	●	●	●
Viscous fan	●	●	●	●	●
Fuel tank (litres)	68	68	68	68	68
Auxiliary fuel tank (litres)	19	19	19	19	19
Vertical Exhaust	●	●	●	●	●
Horizontal Exhaust	○	○	○	○	○
Battery (V / Ah)	12 / 110				
Alternator (A)	90				
Oil change interval (hrs.)	500				

\*NECTIS VL/F

	NECTIS VE 227 - 237	NECTIS VL 227-237 257-267	NECTIS F 227 247-257-267
<b>Transmission</b>			
Mechanical reverser	12 / 12	12 / 12	12 / 12
Slow version – Min. / max. speed (km/h)	1.5 / 30	1.5 / 30	1.5 / 30
Creep version – Min. / max. speed (km/h)	0.5 / 30	0.5 / 30	0.5 / 30
Mechanical reverser + two-stage mechanical powershift	24 / 24	24 / 24	24 / 24
Min. / max. speed (km/h)	0.5 / 30 - 40	0.5 / 30 - 40	0.5 / 30 - 40
REVERSHIFT reverser / TWINSHIFT doubler	24 / 12	24 / 12	24 / 12
Min. / max. speed (km/h)	0.5 / 30 - 40	0.5 / 30 - 40	0.5 / 30 - 40

	NECTIS VE 227 - 237	NECTIS VL 227-237 257-267	NECTIS F 227 247-257-267
<b>Rear axle</b>			
Flange size (mm) – VE / VL / F (mm)	890	1240	1240
Electro-hydraulically/mechanically actuated differential lock	●	●	● / ○
Wet hydraulic brake	●	●	●

	NECTIS VE 227 - 237	NECTIS VL 227-237 257-267	NECTIS F 227-247 257-267
<b>PTO</b>			
Hydraulically / mechanically actuated	● / –	● / –	● / ○
PTO equipment	540; 540/540E; 540/1000	540; 540/540E; 540/1000	540; 540/540E; 540/1000
Ground speed power take-off	●	●	●

	NECTIS VE 227 - 237	NECTIS VL 227-237 257	NECTIS F 227 247-257
<b>Rear wheel drive</b>			
Two wheel drive:	227 - 237	227-237 257	227 247-257

	NECTIS VE 227 - 237	NECTIS VL 227-237 257	NECTIS F 227 247-257
<b>Front axle (four-wheel drive)</b>			
Front axle (High pivot point)	●	●	–
Front axle (Central pivot point)	–	–	●
Steering lock angle (°)	55	55	55
Camber angle VE / VL / F (°)	6	6	7
Turning circle (m)	3,60	3,45 - 3,65	3,50 - 3,65
Four-wheel drive engagement (actuated electro-hydraulically)	●	●	●

● standard ○ option – not available

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<b>Hydraulics</b>			
<b>Single pump system (l/min)</b>	–	–	36
Rear hydraulic couplings (min./max.)	–	–	4 - 6
Side hydraulic couplings (min./max.)	–	–	–
Flow regulator	–	–	–
<b>Two-pump system</b>	48 + 27	48 + 27	48 + 27
Rear hydraulic couplings (min./max.)	4 - 8	4 - 8	4 - 8
Side hydraulic couplings (min./max.)	2 - 6	2 - 6	2 - 6
Flow regulator	○	○	○
Working pressure (bar)	190	190	190

	NECTIS VE 227 - 237	NECTIS VL 227-237 257-267	NECTIS F 227 247-257-267
<b>Three-pump system</b>			
Two pumps, 190 bar (working hydraulics)	48 + 36	48 + 36	48 + 36
Rear hydraulic couplings (min./max.)	4 - 8	4 - 8	4 - 8
Side hydraulic couplings (min./max.)	2 - 6	2 - 6	2 - 6
Flow regulator	●	●	●
Brake valve	○	○	○
Low-pressure pump (tractor supply)	25	25	25

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<b>Linkage</b>			
Max. lifting capacity (lower link / 610 mm) (kg)	2910 / 2860	3140 / 2870	3140 / 2870
Max. lifting capacity over the entire range (lower link / 610 mm) (kg)	2900 / 1880	2990 / 2070	2990 / 2070
Mechanical control – with / without cab	●	●	●
EHR (TCE 6) with / without cab	○	○	○
Additional cylinder	–	○	○
External linkage control (in conjunction with TCE 6)	○	○	○

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<b>Lower link</b>			
Hydraulic lift rod	○	○	○
Hydraulic lift rod and hydraulic side stabilisers	○	○	–
Hydraulic lift rod and hydraulic lateral adjustment	–	–	○

	NECTIS VE 227 - 237	NECTIS VL 227-237 257-267	NECTIS F 227-247 257-267
<b>Cab</b>			
Without / with cab	● / ○	● / ○	● / ○
Analogue and digital instrument panel	●	●	●
Adjustable steering column	○	○	○
Air-suspension driver's seat	○	○	○
Air conditioning (version with cab)	○	○	○

	NECTIS VE 227 - 237	NECTIS VL 227-237 257-267	NECTIS F 227-247 257-267
<b>Dimensions</b>			
Rear tyres	9.5 R 28	11.2 R 28	16.9R28
Front tyres	6.00-16	6.50-16	7.50 - 18
Wheelbase (mm)	2065	2065	2185
Length with hitch / with front weights (mm)	3960	4015	4135
Min. overall width (mm)	1030	1280	1460
Ground clearance (mm)	235	275	290
Height at steering wheel centre (mm)	1455	1073	1023
Total height at cab roof (mm)	2300	2310	2280

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<b>Unladen weight, incl. fuel, not incl. driver or ballasting (kg)</b>			
Without cab – rear-wheel / four-wheel drive (kg)	2370 / 2475	2400 / 2550	2650 / 2750
With cab – two wheel / four-wheel drive (kg)	2535 / 2640	2620 / 2770	2810 / 2960
Min. / max. ballasting (kg)	154 / 184	154 / 184	154 / 184

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