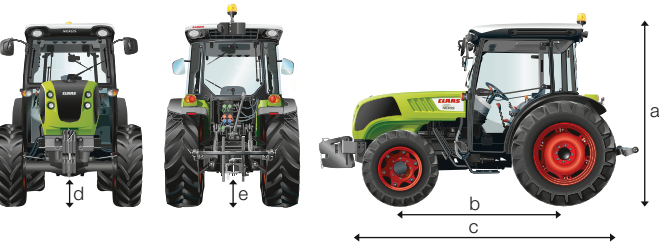


NEXOS		240 F	230 F	230 FB	240 VL	230 VL	230 VE
<b>Dimensions</b>							
Rear wheels		380/70 R 24	380/70 R 24	380/70 R 20	12.4 R 28	12.4 R 28	9.5 R 28
Front wheels		280/70 R 18	280/70 R 18	260/70 R 16	7.50 R 16	7.50 R 16	6.50 R 16
Height with cab (a)	mm	2330	2330	–	2305	2305	2282
Height with platform (roll bar extended/retracted)	mm	2480/1489	2480/1489	2390/1250	2455/1464	2455/1464	2432/1439
Minimum external width with 2WD and platform	mm	1457	1457	1418 <sup>1</sup>	1260	1260	1000
Minimum external width with 4WD and cab	mm	1482	1482	–	1291	1291	1077
<b>Length</b>							
Wheelbase (4WD) (b)	mm	2161	2074	2074	2185	2098	2098
Overall length (without additional front ballast) (c)	mm	4078	3991	3864	4078	3991	3991
<b>Ground clearance</b>							
Front axle with 4WD (d)	mm	294	294	230	306	306	271
Rear axle (without drawbar) (e)	mm	355	355	210	330	330	295

Tyres for 2WD version			
<b>Rear tyres</b>	<b>Front tyres</b>	<b>VE</b>	
13.6 (340/85) R 24	6.00-16	□	
13.6 (340/85) R 24	6.50-16	□	
360/70 R 24	6.00-16	□	
360/70 R 24	6.50-16	□	
9.5 (250/85) R 28	6.00-16	□	
9.5 (250/85) R 28	6.50-16	□	
11.2 (280/85) R 28	6.00-16	□	
11.2 (280/85) R 28	6.50-16	□	
12.4 (320/85) R 28	6.50-16	□	

Tyres for 4WD version						
<b>Rear tyres</b>	<b>Front tyres</b>	<b>F</b>	<b>FB</b>	<b>VL</b>	<b>VE</b>	
380/70 R 20	260/70 R 16	–	□	–	–	
12.4 (320/85) R 24	6.50-16	–	–	–	□	
13.6 (340/85) R 24	6.50-16	–	–	–	□	
13.6 (340/85) R 24	10.0/75 R 15.3	–	–	–	□	
360/70 R 24	240/70 R 16	–	–	–	□	
360/70 R 24	280/70 R 16	–	□	–	–	
380/70 R 24	260/70 R 16	–	–	□	–	
380/70 R 24	280/70 R 16	–	□	–	–	
380/70 R 24	280/70 R 18	□	–	–	–	
420/70 R 24	280/70 R 20	□	–	–	–	
480/65 R 24	280/70 R 18	□	–	–	–	
9.5 (250/85) R 28	6.50 R 16	–	–	–	□	
11.2 (280/85) R 28	6.50 R 16	–	–	–	□	
12.4 (320/85) R 28	7.50 R 16	–	–	□	□	
13.6 (340/85) R 28	7.50 R 16	–	–	□	□	
13.6 (340/85) R 28	8.25 R 16	–	–	□	–	
13.6 (340/85) R 28	280/70 R 18	–	–	□	–	
360/70 R 28	280/70 R 16	–	–	–	□	
380/70 R 28	280/70 R 20	□	–	–	–	
14.9 (380/85) R 28	7.50 R 18	–	–	□	–	
14.9 (380/85) R 28	280/70 R 18	–	–	□	–	
380/85 R 28	9.5 R 20	□	–	–	–	
420/70 R 28	280/70 R 18	–	–	□	–	
420/70 R 28	260/80 R 20	□	–	–	–	
420/70 R 28	300/70 R 20	□	–	–	–	
420/70 R 28	320/70 R 20	□	–	–	–	
480/65 R 28	320/70 R 20	□	–	–	–	



<sup>1</sup> Min. external width with 4WD and platform

● standard   ○ optional   □ available   – not available

NEXOS		240 F-VL	230 F-FB-VL-VE
<b>Engine</b>			
Manufacturer		FPT	FPT
Number of cylinders / intake		4/TI	4/TI
Cubic capacity	cm³	4500	3200
Nominal engine speed	rpm	2200	2300
Output at nominal engine speed (ECE R 120) <sup>1</sup>	kW/hp	74/101	65/88
Engine speed at max. torque	rpm	1250	1300
Max. torque	Nm	430	350
Viscous fan		●	●
Max. fuel tank capacity	l	75	75 (FB: 67)
Auxiliary fuel tank in VL and F	l	19	19
Oil-change interval	h	500	500
Top exhaust		○	○
Bottom exhaust		●	●

NEXOS		240 F	230 F	230 FB	240 VL	230 VL	230 VE
<b>Transmission</b>							
Top speed	km/h	40/30	40/30	40	40/30	40/30	40/30
12F/12R with mechanical reverser and 30 km/h transmission		□	□	–	□	□	□
24F/24R with mechanical reverser, mechanical splitter and 30 or 40 km/h transmission		□	□	□	□	□	□
24F/24R with mechanical reverser, TWINSHIFT two-stage powershift and 30 or 40 km/h transmission		□	□	–	□	□	□
24F/12R with REVERSHIFT hydraulic reverser, TWINSHIFT two-stage powershift and 30 or 40 km/h transmission		□	□	–	□	□	□
Min. speed with 12F/12R transmission at nominal engine speed	km/h	1.25	1.25	–	1.25	1.25	1.20
Min. speed with all transmissions except 12F/12R at nominal engine speed	km/h	0.36	0.36	0.36	0.36	0.36	0.34

<b>PTO</b>		Mechanically / hydraulically supported					
Clutch type depending on option							
540/1000 rpm		○	○	○	○	○	○
540/540 ECO rpm		●	●	●	●	●	●
Ground speed PTO		○	○	○	○	○	○

<b>Road safety</b>							
Braking system (multiple discs in oil bath and automatic 4WD activation)		●	●	●	●	●	●
Hydraulic trailer braking system		●	●	●	●	●	●

<b>4WD front axle<sup>2</sup></b>							
Electrohydraulic operation		●	●	●	●	●	●
Differential locks front / rear (self-locking multi-disc clutch at front / dog clutch at rear)		●	●	●	●	●	●
Max. steering angle	degrees	52	52	52	54	54	55
Castor angle	degrees	6	6	6	10	10	10
Angle of oscillation	degrees	8	8	8	8	8	6
Turning radius	m	3.76	3.66	3.66	3.75	3.64	3.55
With external width	mm	1482	1482	1482	1291	1291	1077

<sup>1</sup> Values correspond to permissible values in accordance with 97/68/EC, ISO TR 14396 or 2000/25/EC.

<sup>2</sup> Rear wheel drive available for 230 VE only

● standard   ○ optional   □ available   – not available

NEXOS		240 F	230 F	230 FB	240 VL	230 VL	230 VE
<b>Hydraulic system</b>							
Engine speed at max. hydraulic pump output	rpm	2200	2300	2300	2200	2300	2300
Hydraulic pump output for steering, brakes and own requirements	l/min	25	26	26	25	26	26
Max. operating pressure	bar	190	190	190	190	190	190
2-pump hydraulic circuit		●	●	●	●	●	●
Hydraulic pump output for rear linkage and spool valves	l/min	57	59	59	57	59	59
Max. operating pressure	bar	190	190	190	190	190	190
3-pump hydraulic circuit		○	○	–	○	○	○
Hydraulic pump output for spool valves	l/min	57	59	–	57	59	59
Hydraulic pump output for rear linkage	l/min	25	26	–	25	26	26
Max. operating pressure	bar	190	190	–	190	190	190
Number of mechanical spool valves (min.–max.)		2-4	2-4	2-3	2-4	2-4	2-4
Three or four electronic spool valves, two of which are joystick-controlled		○	○	–	○	○	○
Flow control on all electronic spool valves		●	●	–	●	●	●

<b>Rear linkage</b>							
Max. lifting capacity at ball ends	kg	3160	3160	2610	3160	3160	2610
Continuous lifting power at ball ends	kg	2160	2160	1730	2160	2160	1730
External rear linkage operation		○	○	○	○	○	○
TRACTO CONTROL ELECTRONIC (TCE 6)		○	○	–	○	○	○
Hydraulic lift rod		○	○	○	○	○	–
Hydraulic side stabilisers		○	○	–	○	○	–

<b>Front linkage</b>		○	○	○	○	○	○
Max. lifting capacity at ball ends	kg	2800	2800	2800	2800	2800	2800
Front PTO 1000 rpm		○	○	○	○	○	○

<b>Cab</b>							
Cab / platform		□/□	□/□	–/□	□/□	□/□	□/□
Driver's seat, mechanical suspension		●	●	●	●	●	●
Driver's seat, air suspension		○	○	–	○	○	○
Steering column, height and angle adjustable		□	□	–	□	□	□
Heating		●	●	–	●	●	●
Air conditioning		○	○	–	○	○	○
Opening rear window		●	●	–	●	●	●
Opening front window		●	●	–	●	●	●
Rear window wiper		○	○	–	○	○	○
Max. number of work lights		2 front / 2 rear	2 front / 2 rear	1 rear	2 front / 2 rear	2 front / 2 rear	2 front / 2 rear

<b>Weight</b>							
<b>(4WD, standard tyres, with oil and fuel, without driver)</b>							
Rear wheels		14.9 R 28	14.9 R 28	380/70 R 20	14.9 R 28	14.9 R 28	13.6 R 28
Front wheels		320/70 R 20	320/70 R 20	260/70 R 16	7.50 R 18	7.50 R 18	7.50 R 16
Weight without ballast (platform / cab)	kg	2965/3200	2895/3130	2595	2795/3110	2725/3040	2595/2810
Max. front ballast without front linkage	kg	250	250	250	250	250	250
Permissible gross weight	kg	4400	4400	4200	4400	4400	4100

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● standard   ○ optional   □ available   – not available