

| NEXOS | | 250 F-VL | 240 F-VL-VE | 230 F-VL-VE | 220 F-VL-VE | 210 F-VL-VE |
|---|-----------------|---|-------------|-------------|-------------|-------------|
| Engine | | | | | | |
| Manufacturer | | FPT | FPT | FPT | FPT | FPT |
| Emissions standard | | Stage III B with diesel oxidation catalytic converter and diesel particulate filter | | | | |
| Number of cylinders | | 4 | 4 | 4 | 4 | 4 |
| Cubic capacity | cm ³ | 3400 | 3400 | 3400 | 3400 | 3400 |
| Turbocharger | | ● | ● | ● | ● | ● |
| Intercooler | | ● | ● | ● | ● | ● |
| Nominal engine speed | rpm | 2300 | 2300 | 2300 | 2300 | 2300 |
| Injection system | | Common rail | | | | |
| Max. output (ECE R 120) ¹ | kW/hp | 82/112 ² | 76/103 | 68/92 | 62/85 | 55/75 |
| Type-approved output (97/68 EC) ² | kW | 76 | 72 | 67 | 61 | 55 |
| Engine speed at max. torque | rpm | 1600 | 1600 | 1500 | 1500 | 1500 |
| Max. torque | Nm | 440 | 406 | 366 | 334 | 309 |
| Viscous fan | | ● | ● | ● | ● | ● |
| Fuel tank capacity (standard) | l | 75 | 75 | 75 | 75 | 75 |
| Auxiliary fuel tank capacity available for NEXOS F and VL (option) ³ | l | 28 | 28 | 28 | 28 | 28 |
| Oil-change interval | h | 600 | 600 | 600 | 600 | 600 |
| Vertical exhaust on bonnet | | ● / ● | ● / ● / ● | ● / ● / ● | ● / ● / ● | ● / ● / ● |
| Exhaust on A-pillar | | ○ / ○ | ○ / ○ / ○ | ○ / ○ / ○ | ○ / ○ / ○ | ○ / ○ / ○ |
| Side exhaust, bottom right (NEXOS F platform only available with this exhaust) | | ○ / ○ | ○ / ○ / ○ | ○ / ○ / ○ | ○ / ○ / ○ | ○ / ○ / ○ |

| NEXOS | | 250-240-230-220-210 F | 250-240-230-220-210 VL | 240-230-220-210 VE |
|---|------|-----------------------|------------------------|--------------------|
| Transmission | | | | |
| 12F/12R with mechanical reverser, 30 km/h transmission | | □ | □ | □ |
| 24F/24R with mechanical reverser and mechanical splitter, 40 km/h transmission | | □ | □ | □ |
| 24F/24R with mechanical reverser and TWINSHIFT two-speed powershift, 40 km/h transmission | | □ | □ | □ |
| 24F/24R with REVERSHIFT hydraulic reverser and mechanical splitter, 40 km/h transmission | | □ | □ | – |
| 24F/12R with REVERSHIFT hydraulic reverser and TWINSHIFT two-speed powershift, 40 km/h transmission | | □ | □ | □ |
| Min. speed with 12F/12R transmission at nominal engine speed | km/h | 1.42 | 1.40 | 1.40 |
| Min. speed with all transmissions except 12F/12R at nominal engine speed | km/h | 0.5 | 0.5 | 0.5 |

| PTO | | | | |
|---------------------------------|--|--|---|---|
| Clutch type depending on option | | Mechanically / hydraulically supported | | |
| 540 rpm | | ● | ● | ● |
| 540/1000 rpm | | ○ | ○ | ○ |
| 540/540 ECO rpm | | ○ | ○ | ○ |
| Ground speed PTO | | ○ | ○ | ○ |

| Four-wheel-drive front axle | | | | |
|--|---------|------|------|------|
| Electrohydraulic operation | | ○ | ○ | ○ |
| Differential locks front / rear (self-locking multi-disc clutch at front / dog clutch at rear) | | ● | ● | ● |
| Max. steering angle | degrees | 55 | 55 | 55 |
| Optimum turning radius | m | 3.60 | 3.60 | 3.70 |
| PROACTIV front axle suspension | | ○ | ○ | ○ |

¹ Meets ISO TR 14396.

² Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC.

³ Not available with front axle suspension and front PTO

● standard ○ optional □ available – not available

| NEXOS | | 250-240-230-220-210 F | 250-240-230-220-210 VL | 240-230-220-210 VE |
|--|-------|-----------------------|------------------------|--------------------|
| Road safety | | | | |
| Braking system (multiple discs in oil bath and automatic 4WD activation) | | ● | ● | ● |
| Hydraulic trailer braking system | | ● | ● | ● |
| Hydraulic system | | | | |
| Hydraulic pump output for steering, brakes and own requirements | l/min | 27 | 27 | 27 |
| Max. operating pressure | bar | 190 | 190 | 190 |
| 2-pump hydraulic circuit | | ● | ● | ● |
| Hydraulic pump output for rear linkage and spool valves | l/min | 60 | 60 | 60 |
| Max. operating pressure | bar | 190 | 190 | 190 |
| 3-pump hydraulic circuit | | ○ | ○ | ○ |
| Hydraulic pump output for spool valves | l/min | 60 | 60 | 60 |
| Hydraulic pump output for rear linkage | l/min | 27 | 27 | 27 |
| Max. operating pressure | bar | 190 | 190 | 190 |
| Number of mechanical spool valves (min.–max.) | | 2-6 | 2-6 | 2-6 |
| Four or six electronic spool valves, two of which joystick-controlled | | ○ | ○ | ○ |
| Flow control on all electronic spool valves | | ● | ● | ● |

| | | | | |
|---------------------------------------|----|------|------|------|
| Rear linkage | | | | |
| Max. lifting capacity at ball ends | kg | 3110 | 3110 | 2490 |
| Continuous lifting power at ball ends | kg | 1940 | 1940 | 1565 |
| External rear linkage operation | | ○ | ○ | ○ |
| Electronic rear linkage | | ○ | ○ | ○ |
| Hydraulic lift rod | | ○ | ○ | ○ |
| Mechanical side stabilisers | | ● | ● | ● |
| Hydraulic side stabilisers | | ○ | ○ | – |

| | | | | |
|------------------------------------|----|------|------|------|
| Front linkage | | | | |
| Front linkage | | ○ | ○ | ○ |
| Max. lifting capacity at ball ends | kg | 2800 | 2800 | 2800 |
| Front PTO 1000 rpm | | ○ | ○ | ○ |
| Front PTO 540 ECO | | ○ | ○ | ○ |

| Cab | | | | |
|--|--|------------------|------------------|------------------|
| 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 windscreen | | ○ | ○ | ○ |
| Rear window wiper | | ○ | ○ | ○ |
| Max. number of work lights | | 2 front / 2 rear | 2 front / 2 rear | 2 front / 2 rear |
| Alternative headlights | | ○ | ○ | ○ |

| Weights (4WD, standard tyres, with oil and fuel, without driver) | | | | |
|---|----|-------------|-------------|-------------|
| Rear wheels | | 380/85 R 28 | 320/85 R 28 | 320/85 R 28 |
| Front wheels | | 9.5 R 20 | 280/70 R 18 | 280/70 R 18 |
| Weight without ballast | kg | 3110 | 3050 | 2990 |
| Max. front ballast without front linkage | kg | 250 | 250 | 250 |
| Permissible gross weight | kg | 4400 | 4400 | 4100 |

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● standard ○ optional □ available – not available

| NEXOS | | 250-240-230-220-210 F | 250-240-230-220-210 VL | 240-230-220-210 VE |
|-------|--|-----------------------|------------------------|--------------------|
|-------|--|-----------------------|------------------------|--------------------|

Dimensions

| | | | | |
|--|----|-------------|-------------|-------------|
| Rear wheels | | 380/70 R 28 | 380/85 R 28 | 320/85 R 28 |
| Front wheels | | 280/70 R 20 | 7.50 R 16 | 7.5 R 16 |
| Height with cab (a) | mm | 2455 | 2480 | 2430 |
| Height with platform (roll bar extended/retracted) | mm | 2577/1952 | – | – |
| Min. external width | mm | from 1450 | from 1260 | from 1000 |

Length

| | | | | |
|---|----|------|------|------|
| Wheelbase (4WD) (b) | mm | 2124 | 2148 | 2148 |
| Overall length (without additional front ballast) (c) | mm | 3977 | 3977 | 3977 |

Tyres for 4WD version

| Rear tyres | Front tyres | F | VL | VE |
|--------------------------|--------------------------|---|----|----|
| 12.4 (320/85) R 24 | 260/70 R 16 | – | – | □ |
| 12.4 (320/85) R 24 | 260/70 R 16 | – | – | □ |
| 13.6 (340/85) R 24 | 260/70 R 16 | – | □ | □ |
| 13.6 (340/85) R 24 | 10.0/75 R 15.3 | – | – | □ |
| 13.6 (340/85) R 24 | 260/70 R 16 | – | – | □ |
| 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 18 | □ | – | – |
| 420/70 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 | 6.00-16 | – | – | □ |
| 9.5 (250/85) R 28 | 260/70 R 16 | – | – | □ |
| 11.2 (280/85) R 28 | 260/70 R 16 | – | □ | □ |
| 11.2 (280/85) R 28 | 260/70 R 16 | – | □ | □ |
| 12.4 (320/85) R 28 | 7.50 R 16 | – | □ | □ |
| 12.4 (320/85) R 28 | 280/70 R 20 | □ | – | – |
| 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 | – | □ | – |
| 14.9 (380/85) R 28 | 7.50 R 18 | – | □ | – |
| 14.9 (380/85) R 28 | 280/70 R 18 | – | □ | □ |
| 14.9 (380/85) R 28 | 9.5 R 20 | □ | – | – |
| 360/70 R 28 | 280/70 R 16 | – | – | □ |
| 380/70 R 28 | 280/70 R 20 | □ | – | – |
| 420/70 R 28 | 280/70 R 18 | – | □ | □ |
| 420/70 R 28 | 300/70 R 20 | □ | – | – |
| 420/70 R 28 | 320/70 R 20 | □ | – | – |
| 480/65 R 28 | 280/70 R 18 | – | □ | – |
| 480/65 R 28 | 320/70 R 20 | □ | – | – |
| 420/70 R 24 ¹ | 280/70 R 18 ¹ | □ | – | – |
| 360/80 R 24 ² | 250/80 R 16 ² | □ | – | – |
| 400/80 R 28 ² | 340/80 R 18 ² | □ | – | – |

Tyres for 2WD version

| Rear tyres | Front tyres | F | VL | VE |
|--------------------|-------------|---|----|----|
| 13.6 (340/85) R 24 | 6.00-16 | – | □ | □ |
| 360/70 R 24 | 6.00-16 | – | – | □ |
| 9.5 (250/85) R 28 | 6.00-16 | – | – | □ |
| 11.2 (280/85) R 28 | 6.00-16 | – | □ | □ |
| 12.4 (320/85) R 28 | 6.00-16 | □ | □ | – |
| | 6.50-16 | – | – | □ |
| 13.6 (340/85) R 28 | 6.50-16 | □ | □ | – |
| | 7.50-16 | □ | □ | – |
| 380/70 R 28 | 7.50-16 | □ | – | – |

¹ Turf tyres

² Industrial tyres

