

| | | 5000 | 4500 | 4000 |
|---|-----------|--|---------------------------------|---------------------------------|
| Engine | | | | |
| Manufacturer | | Mercedes-Benz | Mercedes-Benz | Mercedes-Benz |
| Number of cylinders/intake | | 6 | 6 | 6 |
| Cubic capacity | cm³ | 12800 | 12800 | 10600 |
| Nominal engine speed | rpm | 1900 | 1900 | 1900 |
| Lower engine idling speed | rpm | 800 | 800 | 800 |
| Upper engine idling speed | rpm | 1976 | 1976 | 1976 |
| Type approval value (97/68/EC) ¹ | kW/hp | 382/520 | 352/479 | 308/419 |
| Output at nominal engine speed (ECE R 120) ² | kW/hp | 382/520 | 352/479 | 308/419 |
| Max. output (ECE R 120) ² | kW/hp | 390/530 | 360/490 | 320/435 |
| Max. torque (ECE R 120) ² | Nm | 2450 | 2300 | 2100 |
| Fuel tank | l | 740 | 740 | 740 |
| Auxiliary tank (190 l) | l | ● | ● | ○ |
| Urea tank | l | 90 | 90 | 90 |
| Electrical system | | | | |
| AC generator | V/A | 150/24 + 240/12 | 150/24 + 240/12 | 150/24 + 240/12 |
| Batteries | V/Ah | 4 x 75 Ah, total 150/24, 150/12 | 4 x 75 Ah, total 150/24, 150/12 | 4 x 75 Ah, total 150/24, 150/12 |
| CMATIC transmission | | | | |
| Transmission type | | Eccom 4.5 / Eccom 5.0 | Eccom 4.5 / Eccom 5.0 | Eccom 4.5 / Eccom 5.0 |
| Transmission type | | Hydrostatic-mechanical, split-power | | |
| Output | | Four-wheel drive, permanent | Four-wheel drive, permanent | Four-wheel drive, permanent |
| Max. speed | km/h | 50/40 | 50/40 | 50/40 |
| Longitudinal differential | | Eccom 4.5: 100% lockable, lamella construction Eccom 5.0: rigid (without longitudinal differential) | | |
| PTO speed | rpm | 1000 | 1000 | 1000 |
| Automatic PTO engagement/disengagement | | ● | ● | ● |
| Powered steering axles | | | | |
| Differential locks | | 100% lockable, electrohydraulic actuation, lamella construction, with automatic function | | |
| Brakes | | | | |
| Service brake | | Hydraulically actuated wet multi-disc brakes, auxiliary-power-reinforced, acting on all wheels | | |
| Parking brake | | Electrohydraulically released spring-loaded brake | | |
| Hydraulics | | | | |
| Max. hydraulic tank capacity | l | 120 | 120 | 120 |
| Max. drawable volume | l | 80 | 80 | 80 |
| Main circuit (linkage, auxiliary spool valves) | | | | |
| Max. operating pressure | Mpa (bar) | 20 (200) | 20 (200) | 20 (200) |
| Max. flow rate | l/min | 195 | 195 | 195 |
| Number of spool valves | | Max. 7 rear, max. 3 front | Max. 7 rear, max. 3 front | Max. 7 rear, max. 3 front |
| Max. flow rate per disc | l/min | 105 | 105 | 105 |
| Max. hydraulic output total | kW | 58 | 58 | 58 |

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| Power hydraulics (optional) | | | | |
| Operating pressure | Mpa (bar) | 26 (260) | 26 (260) | 26 (260) |
| Max. flow rate | l/min | 250 at 1650 rpm | 250 at 1650 rpm | 250 at 1650 rpm SADDLE TRAC: 250 at 1480 rpm |
| Max. hydraulic output total | kW | 90 | 90 | 90 |
| Auxiliary hydraulics (optional) | | | | |
| Operating pressure | Mpa (bar) | 20 (200) | 20 (200) | 20 (200) |
| Max. flow rate | l/min | 80 | 80 | 80 |
| Hitch type | | | | |
| Automatic hitch, D38 pin, spherical | max. kg | Drawbar load 2000 | Drawbar load 2000 | Drawbar load 2000 |
| Hitch with hitch ball, ball system 80 | max. kg | Drawbar load 3000 | Drawbar load 3000 | Drawbar load 3000 |
| D40, D50 variable drawbar | max. kg | Drawbar load 3000 | Drawbar load 3000 | Drawbar load 3000 |
| Drawbar ball system | max. kg | Drawbar load 4000 | Drawbar load 4000 | Drawbar load 4000 |
| Hitch ball | max. kg | Drawbar load 15000 | Drawbar load 15000 | Drawbar load 15000 |
| Piton Fix | max. kg | Drawbar load 4000 | Drawbar load 4000 | Drawbar load 4000 |
| Front linkage | | | | |
| Category | Mpa (bar) | III N, double-acting | III N, double-acting | III N, double-acting |
| Continuous lift capacity | kN | 81 | 81 | 81 |
| Max. lift capacity | kN | 84 | 84 | 84 |
| Max. lifting range | mm | 905 | 905 | 905 |
| Selectable function | | Raise, lower (press) | Raise, lower (press) | Raise, lower (press) |
| Control function | | Position control, vibration damping | Position control, vibration damping | Position control, vibration damping |
| Rear linkage | | | | |
| Category | | IV N, double-acting | IV N, double-acting | IV N, double-acting |
| Continuous lift capacity / max. lift capacity / max. lift range | mm | 100 kN / 136 kN / 763 | 100 kN / 136 kN / 763 | 100 kN / 136 kN / 763 |
| Selectable function | | Raise, lower (press) | Raise, lower (press) | Raise, lower (press) |
| Control function | | Position control/draught resistance, vibration damping | Position control/draught resistance, vibration damping | Position control/draught resistance, vibration damping |
| Dimensions and weights | | | | |
| Overall length including linkages | mm | 7593 | 7593 | 7593 |
| Overall width | mm | 2490 to 3300 | 2490 to 3300 | 2490 to 3300 |
| Overall height depending on tyres | mm | 3791 to 3941 | 3791 to 3941 | 3791 to 3941 |
| Wheelbase | mm | 3600 | 3600 | 3600 |
| Ground clearance depending on equipment | mm | 375 to 525 | 375 to 525 | 375 to 525 |
| Smallest turning circle | m | 15 | 15 | 15 |
| TRAC tare weight (with tyres/full tank/standard equipment) | kg | 16570 | 16570 | 16170 |

● Standard ○ Optional □ Available – Not available

¹ Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC. ² Identical to ISO TR 14396.

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