

| XERION | | 5000 TRAC / TRAC TS / TRAC VC | 4500 TRAC / TRAC TS / TRAC VC | 4200 TRAC / TRAC VC / SADDLE TRAC |
|---|-----------------|----------------------------------|----------------------------------|--------------------------------------|
| Engine | | | | |
| Manufacturer | | Mercedes-Benz | Mercedes-Benz | Mercedes-Benz |
| Number of cylinders | | 6 | 6 | 6 |
| Cubic capacity | cm ³ | 12800 | 12800 | 10700 |
| Nominal engine speed | rpm | 1900 | 1900 | 1900 |
| Lower engine idling speed (gear in neutral) | rpm | 730 | 730 | 730 |
| Upper engine idling speed | rpm | 1920 | 1920 | 1920 |
| Output at nominal engine speed (ECE R 120) ¹ | kW/hp | 374/509 | 353/480 | 337/458 |
| Max. output (ECE R 120) ¹ | kW/hp | 390/530 | 360/490 | 340/462 |
| Max. torque (ECE R 120) ¹ | Nm | 2600 | 2400 | 2200 |
| Fuel tank | l | 740 | 740 | 740 |
| Auxiliary tank (190 l) | | ● | ● | ○ |
| Urea tank | l | 88 | 88 | 88 |

Electrical system

| | | | | |
|--------------|------|---------------------------------|---------------------------------|---------------------------------|
| AC generator | A/V | 100 A / 24 V + 240 A / 12 V | 100 A / 24 V + 240 A / 12 V | 100 A / 24 V + 240 A / 12 V |
| Batteries | Ah/V | 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 | | CMATIC | CMATIC | CMATIC |
| Transmission type | | Hydrostatic-mechanical, split-power | | |
| Output | | Four-wheel drive, permanent | Four-wheel drive, permanent | Four-wheel drive, permanent |
| Max. speed | km/h | 50/40/30 (TRAC TS)/25 | 50/40/30 (TRAC TS)/25 | 50/40/25 |
| 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 spool valve | l/min | 105 | 105 | 105 |
| Max. hydraulic output, total | kW | 58 | 58 | 58 |

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 |

¹ Meets ISO TR 14396

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|---------------------------------------|---------|----------------------------------|----------------------------------|--------------------------------------|
| Hitches | | | | |
| Automatic hitch, D38 pin, spherical | max. kg | Drawbar load 2500 | Drawbar load 2500 | Drawbar load 2500 |
| Hitch with hitch ball, ball system 80 | | | | |
| up to 40 km/h | max. kg | Drawbar load 3000 | Drawbar load 3000 | Drawbar load 3000 |
| up to 50 km/h | max. kg | Drawbar load 2000 | Drawbar load 2000 | Drawbar load 2000 |
| 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 for swanneck hitching | 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 | kg | 8100 | 8100 | 8100 |
| Max. lift capacity | kg | 8400 | 8400 | 8400 |
| 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 | kN / kN / mm | 100 / 136 / 763 | 100 / 136 / 763 | 100 / 136 / 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 for TRAC and TRAC VC

| | | | | |
|--|----|--------------|--------------|--------------|
| Overall length including linkages (front retracted, rear horizontal) | mm | 7163 | 7163 | 7163 |
| 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 and standard equipment) | kg | 16300 | 16300 | 16000 |

Dimensions and weights for SADDLE TRAC

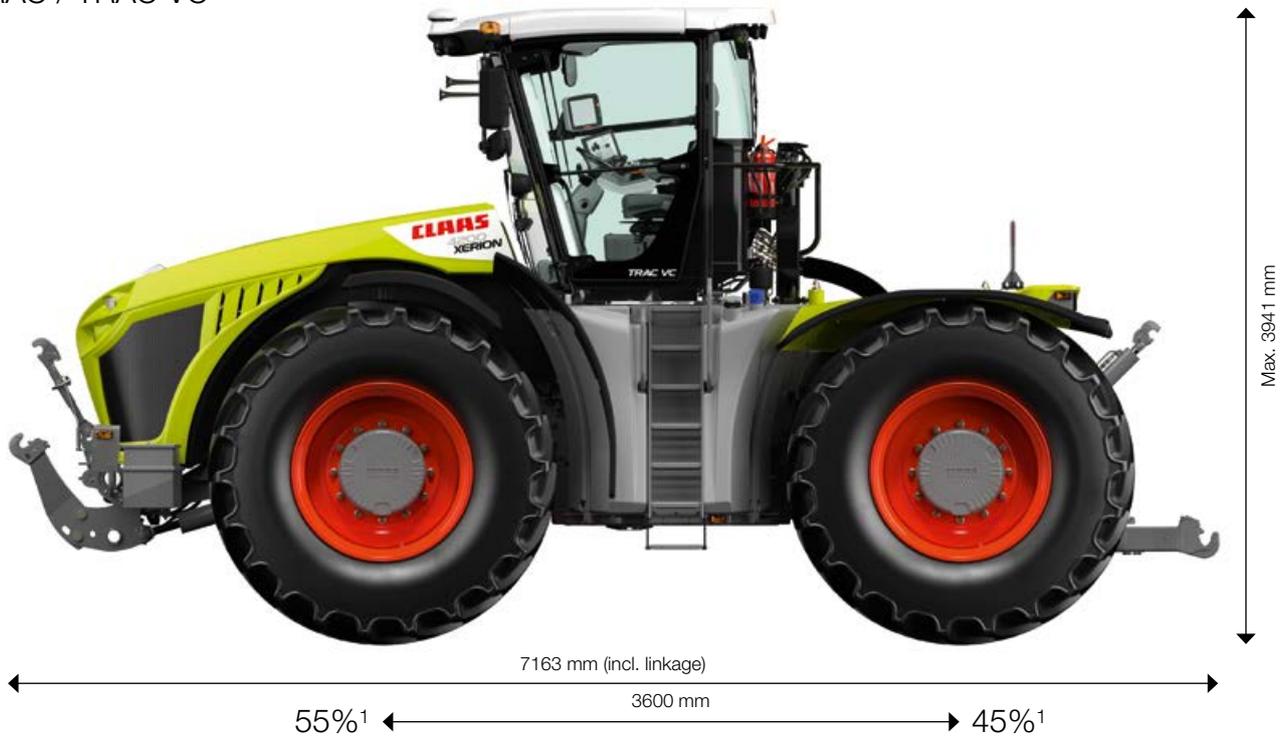
| | | | | |
|---|----|------|------|------------|
| Overall length including linkages (front retracted, pivoting rear linkage horizontal) | mm | 7884 | 7884 | 7884 |
| Overall height depending on tyres | mm | 3900 | 3900 | 3900 |
| Wheelbase | mm | 3600 | 3600 | 3600 |
| Ground clearance depending on equipment | mm | – | – | 375 to 525 |
| Smallest turning circle | m | – | – | 15 |
| SADDLE TRAC tare weight (with tyres, full tank and standard equipment) | kg | – | – | 15600 |

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Built to impress.

TRAC / TRAC VC



¹ Long wheelbase and balanced weight distribution for more tractive and lifting power

SADDLE TRAC



¹ Ideal weight distribution of 63:37 for working with heavy loads