

4 Technical Data

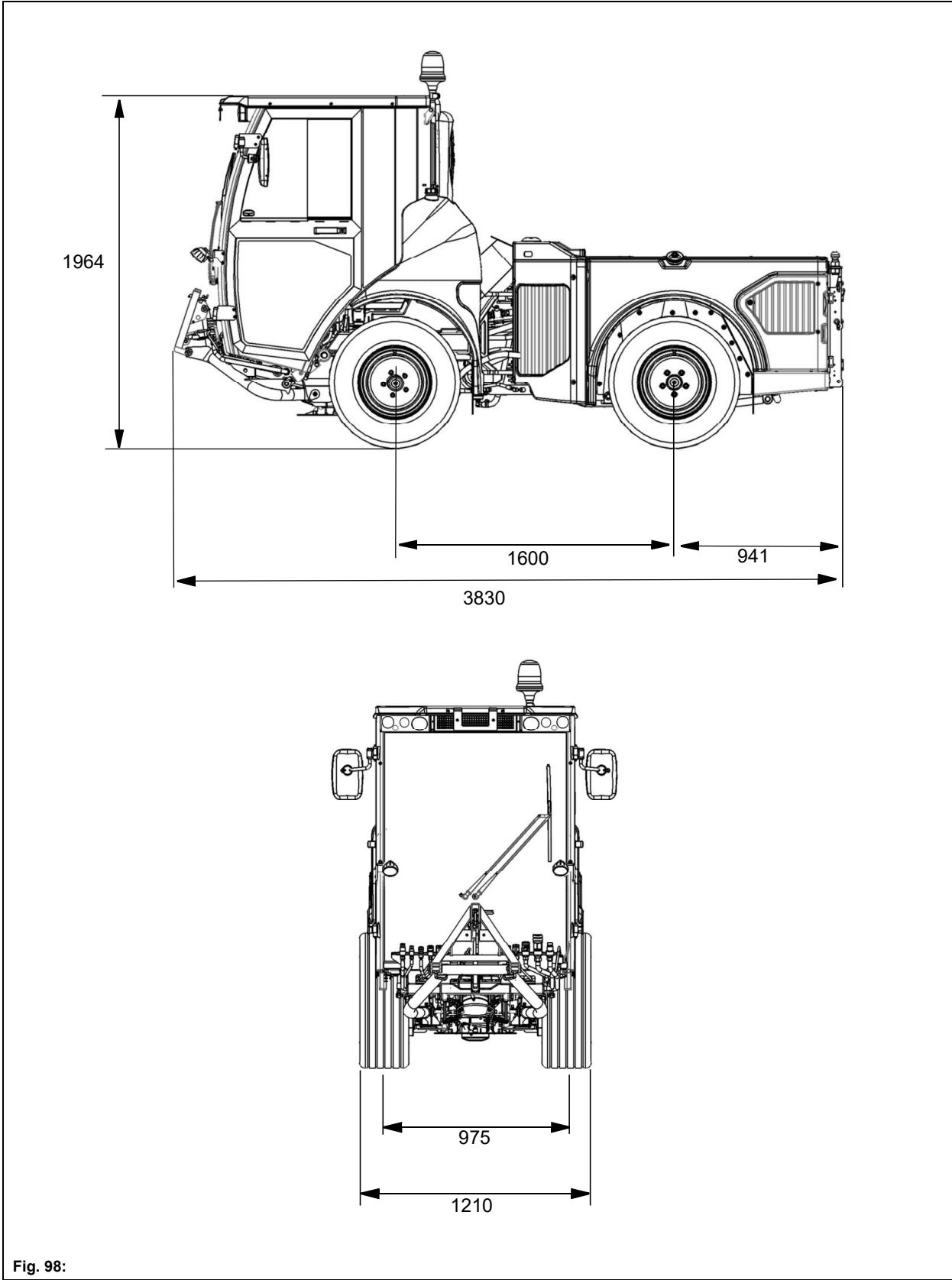


Fig. 98:

Dimensions

| Name | Unit | |
|--|------|-----------|
| Length | mm | 3830 |
| Width (with standard tyres) | mm | 1210 |
| Height (with standard tyres) | mm | 1970 |
| Wheelbase | mm | 1600 |
| Tread width (with standard tyres) | mm | 975 |
| Turning circle inside/outside (DIN EN 15429-1) | mm | 2580/5520 |

Weights and loads

| Name | Unit | |
|--|------|-----------|
| Empty weight (deviations according to equipment) | kg | 2035-2570 |
| Permissible total weight | kg | 3500 |
| Permissible total combination weight unbraked | kg | 4250 |
| Permissible total combination weight braked | kg | 5250 |
| Permissible front axle load | kg | 1700 |
| Permissible rear axle load | kg | 2400 |

Driving speeds and inclination values

| Name | Unit | |
|--|------|-----------|
| Transport mode/work mode forwards | km/h | 0-40/0-27 |
| Transport mode/work mode reverse | km/h | 0-12 |
| Gradability basic vehicle in work mode (forwards/reverse) | % | 24 |
| Gradability basic vehicle in transport mode (forwards/reverse) | % | 24 |

Noise emission values – basic vehicle

| | |
|---|-------------|
| Driving noise according to regulation (EU) 2018/985 Annex II: | 80 dB(A) |
| Standing noise according to regulation (EU) 2018/985 Annex. II at 2400 rpm: | 75 dB(A) |
| Noise at driver's ear according to regulation (EU) 1322/2014 Annex. 13 at 2400 rpm (closed window/open window): | 75/76 dB(A) |

Vibration values – basic vehicle

| | |
|---|----------------------|
| The weighted effective value of the acceleration to which the body (feet or seat surface) is subjected to according to EN 1032 is under the customary conditions of use no more than: | 0.5 m/s ² |
|---|----------------------|

Engine

| | | |
|---|-----------------|-----------|
| Manufacturer | | Hatz KG |
| Type | | 4H50TIC |
| Number of cylinders | | 4 |
| Displacement | cm ³ | 1952 |
| Power | kW | 55.0/2800 |
| Speed | rpm | 2800 |
| Torque | Nm | 240/2000 |
| Engine oil filling volume Engine oil: Fuchs Titan CARGO 5W-40; Fuchs Titan CARGO 10W-40 or equivalent Specification: ACEA E9, API CK-4 | litre | 7.0 |
| Coolant filling volume Coolant specification: VW G13 or equivalent, e.g.: Total Glacelf Auto Supra | litre | 12.5 |

Fuel system

| | | |
|-------------------------------------|-------|----|
| Tank volume | litre | 52 |
| Fuel specification: Diesel (EN 590) | | |

Hydraulic system

| | | |
|---|-------|-----------|
| Tank volume | litre | 45 |
| Hydraulic oil specification: HVLV 46, e.g.: Mobiloil DTE 10 Excel | | |
| Lifting power of front tool carrier with clearance = 0 mm/600 mm | N | 6000/3500 |

Tyres

| | | |
|---|---------------------------------------|----------------------------------|
| Standard tyres 225/70 R15C | Tyre inflation pressure 5.0 bar | Load-bearing capacity 1200 kg |
| Optional tyres 255/65 R16C (Goodyear Wrangler HP ALL Weather/Goodyear Wrangler UltraGrip/FalkenWildpeak AT01/Continental CrossCon- tact Winter/ Maxxis MA SW Wintermaxx/Fulda Tramp 4x4) | Tyre inflation pressure 3.0 bar | Load-bearing capacity 1200 kg |
| 285/65 R16C (Continental Vanco Four Season M&S/Goodyear Cargo Vector) | 3.2 bar | 1200 kg |
| 320/55-15 (T559 Turf Grip) | 2.8 bar | 1090 kg |

Pay attention to the installation inflation pressure when fitting the tyres! This may be a maximum of 1.5 times the tyre inflation pressure.

Electrical system

| | | |
|-----------------|--------|-----|
| Starter | kW | 2.0 |
| Nominal voltage | Volt | 12 |
| Generator | Ampere | 140 |

Windscreen washer unit

| | | |
|-------------|-------|-----|
| Tank volume | litre | 2.0 |
|-------------|-------|-----|