

Engine

| | |
|---------------------|--|
| Make / Type Model | Yanmar 4TNV 98-VNS water cooled 4 cylinder diesel engine |
| max. engine output | 51,1 kW (69,5 HP) |
| Performance to ISO | 42,5 kW (57,8 HP) |
| Engine displacement | 3318 cm ³ |
| Travel speed | 2100 min ⁻¹ |
| Battery | 12V/88Ah |
| Fuel tank capacity | 83 l |

Hydraulic system

| | |
|---|--|
| Pump | Double variable capacity pump + double gear pump |
| Pump capacity | 2 x 64,1 + 48 + 10,3 l/min |
| Operating pressure for working and driving hydraulics | 225 bar |
| Operating pressure for slewing gear | 235 bar |
| Hydraulic oil cooler | Standard |
| Hydraulic tank capacity | 80 l |

Undercarriage and slewing system

| | |
|-----------------------|-----------------------------|
| Steering | Hydr. Power steering |
| Front axle | steer swinging axle |
| Rear axle | Fixed |
| Swing | 8° |
| Turning angle | 36° |
| Travel speed | 8 (10)* km/h, 20 (25)* km/h |
| Tyre size | 12 – 16,5/10ply |
| Option: Double wheels | 7,50 R15 |
| Turning radius | 5300 mm |
| Wheel base | 2100 mm |
| Wheel spacing | 1600 mm |
| Ground clearance | 270 mm |
| Slew speed | 9 min ⁻¹ |

*25 km/h Version

Dozer blade

| | |
|------------------------|---------|
| Width | 1965 mm |
| Height | 400 mm |
| max. lift above ground | 490 mm |
| max. lift below ground | 285 mm |

Lifting power index

| A \ B | max. | | 5,0 m | | 4,0 m | | 3,0 m | | 2,0 m | |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| | along | across | along | across | along | across | along | across | along | across |
| 3,0 m | 1290* | 670 | - | - | 1305* | 1085 | - | - | - | - |
| 2,0 m | 1265* | 615 | 1250* | 725 | 1510* | 1020 | 2080* | 1555 | - | - |
| 1,0 m | 1245* | 600 | 1300* | 695 | 1690* | 955 | 2540* | 1405 | - | - |
| 0,0 m | 1220* | 625 | 1245* | 680 | 1730* | 910 | 2570* | 1340 | - | - |
| -1,0 m | 1160* | 700 | - | - | 1540* | 905 | 2260* | 1340 | 3595* | 2530 |
| -2,0 m | 995* | 890 | - | - | - | - | 1555* | 1390 | 2350* | 2620 |

A = projection from turnstile centre, B = load fixing height from ground level *The lifting power is hydraulically limited. The data (kg) refer to the machine without digging equipment and are in compliance with ISO 10567. Overall length with dozer blade supported. Neither 75% of the static tilting load nor 87% of the hydraulic lifting power are exceeded.

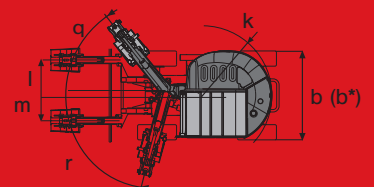
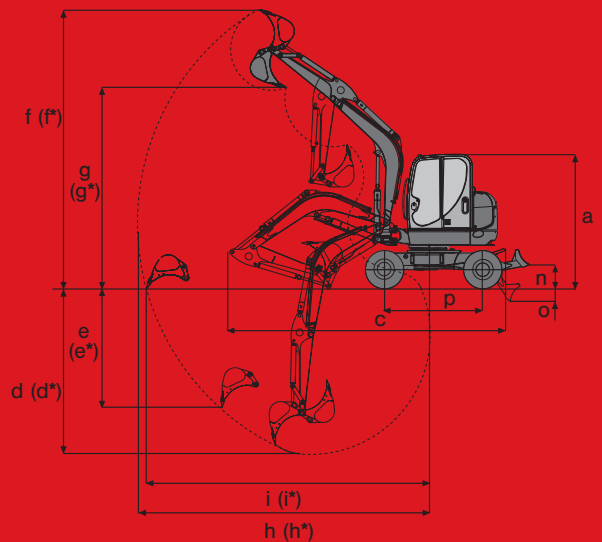
Noise level

| | |
|--|----------|
| Noise level (L _{WA}) (to 2000/14/EG) | 98 dB(A) |
| Noise level (L _{PA}) (to ISO 6394) | 78 dB(A) |

General specifications

| | Standard | Triple-boom |
|---|----------|-------------|
| Transport weight | 5570 kg | 5820 kg |
| Dimensions | | |
| a — Height | 2875 mm | |
| b — Width | 1920 mm | 2005* mm |
| c — Transport length (boom down) | 5880 mm | 5420 mm |
| d — max. digging depth | 3540 mm | 3565 mm |
| d* — max. digging depth (long dipperstick) | | |
| e — max. vertical digging depth | 3840 mm | 3865 mm |
| e* — max. vertical digging depth (long dipperstick) | 2540 mm | 2905 mm |
| f — max. digging height | 2820 mm | 3185 mm |
| f* — max. digging height (long dipperstick) | 5975 mm | 6815 mm |
| g — max. dumping height | 6165 mm | 7055 mm |
| g* — max. dumping height (long dipperstick) | 4305 mm | 5055 mm |
| h — max. digging radius | 4495 mm | 5300 mm |
| h* — max. digging radius (long dipperstick) | 6240 mm | 6605 mm |
| i — max. reach on the ground | 6525 mm | 6895 mm |
| i* — max. reach on the ground (long dipperstick) | 6045 mm | 6495 mm |
| j — max. lateral tail projection | 6345 mm | 6790 mm |
| k — Tail slewing radius | 505 mm | 460* mm |
| l — max. boom offset to centre of bucket right side | 1465 mm | |
| m — max. boom offset to centre of bucket left side | 745 mm | |
| n — max. lift above ground | 535 mm | |
| o — max. lift below ground | 490 mm | |
| p — Wheel base | 285 mm | |
| q — max. swing angle to the right | 2100 mm | |
| r — max. swing angle to the left | 51 ° | |
| | 75 ° | |
| max. arm crowd force | 25,8 kN | |
| max. arm crowd force (long dipper stick) | 23,1 kN | |
| max. bucket digging force | 38,9 kN | |

*double wheels



Basic Machine

General

- Single tire (12 – 16,5/10ply)
- Dozer blade
- Working light mounted to the boom
- Tool kit incl. grease gun and operator manual

Engine

- Water-cooled YANMAR diesel engine

Cabin

- Safety glass cabin: Tiltable cabin, cabin heating, side sliding window, top swings back, windscreen wiper and washing system, covered cab interior, cabin complies with FOPS and TOPS regulations
- Cabling for radio incl. aerial and speakers
- 2 Exterior mirror (Cabin left, Chassis right)
- Cabling for cab lighting and flashing beacon

Hydraulic

- Summation regulation
- Hydraulic oil cooler
- Hydraulic pilot control via joystick
- Valve control according to ISO, DIN, SAE, PCSA and EURO
- Parking brake - hydraulic spring loaded brake
- Parking brake locks undercarriage and turn motor
- Hydraulic steered front axle, free swinging with hydraulically lockable
- Fixed rear axle
- Auxiliary hydraulic connection for two directions of motion, mounted on dipperstick (1685 mm)
- 2 travel speeds
- Pilot controlled load holding valve
- Summation function boom cylinder
- Increased, depressurized return line (for several attachments)

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Options

6503

Cabin

- Air conditioning plant
- Air cushioned seat
- Radio

Hydraulic

- 3rd control circuit
- Biological oil Panolin
- BP-Biohyd SE46
- Flat faced couplers
- Proportional control (for auxiliary hydraulic)
- Overload valve for auxiliary hydraulic
- Overload system Germany (load holding valve boom)
- Overload system France (load holding valve boom and dipperstick)
- Additional piping for grapple

Painting

- Special paint 1 RAL (Colour for red parts only)
- Special paint 1 no RAL (Colour for red parts only)
- Special paint cabin RAL (RAL colours only)

Miscellaneous

- 25 km/h Version
- Cab lighting front
- Cab lighting front and rear
- Anti theft device
- Electrical refuelling pump
- Flashing beacon
- Idle speed automatic operation
- Long dipperstick (+300 mm)
- Exterior mirror (Cabin right)
- Security 24 (1500 h) (Warranty extension to 24 months or 1500 operation hours)
- Security 24 (2000 h) (Warranty extension to 24 months or 2000 operation hours)
- Triple boom
- Central lubrication system
- Double wheels (+312 kg)

Packages

- Comfort package (Air conditioning plant, idle speed automatic operation, radio, mirror package, cab lighting front and rear)

Subject to modifications without prior notice.
We reserve the right to change the specifications without prior notice.
Along the explicit contractual agreement is decisive.

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