



Engine

Make/Type	Yanmar 3TNV76
Model	water cooled 3 cylinder diesel engine
max. engine output	17,9 kW (24,3 HP)
Performance to ISO	13,2 kW (17,9 HP)
Engine displacement	1116 cm ³
Travel speed	2200 min ⁻¹
Battery	12V/45 Ah
Fuel tank capacity	24 l



Hydraulic system

Pump	1 gear pump
Pump capacity	34,5 l/min
Operating pressure for working and driving hydraulics	200 bar
Operating pressure for slewing gear	150 bar
Hydraulic tank capacity	20 l



Undercarriage and slewing system

Travel speed	2,5 km/h
Gradeability	30°/58 %
Crawler width	230 mm
N° track rollers per side	3
Ground clearance	180 mm
Ground pressure	0,26 kg/cm ²
Superstructure slewing speed	9,8 min ⁻¹



Dozer blade

Width	980 mm
Height	232 mm
max. lift above ground	211 mm
max. lift below ground	264 mm



Lifting power index

A \ B	max.			3,0 m			2,0 m		
	along	across		along	across		along	across	
		Tele 990 mm	Tele 1300 mm		Tele 990 mm	Tele 1300 mm		Tele 990 mm	Tele 1300 mm
1,5 m	395*	205	295	400*	210	300	430*	375	545
1,0 m	380*	195	275	405*	210	295	615*	360	525
0,5 m	365*	190	270	410*	205	290	725*	345	505
0,0 m	350*	190	275	385*	200	300	715*	335	495

A = projection from turnstile centre, B = load fixing height from ground level. 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 (LWA) (to 2000/14/EG)	93 dB(A)
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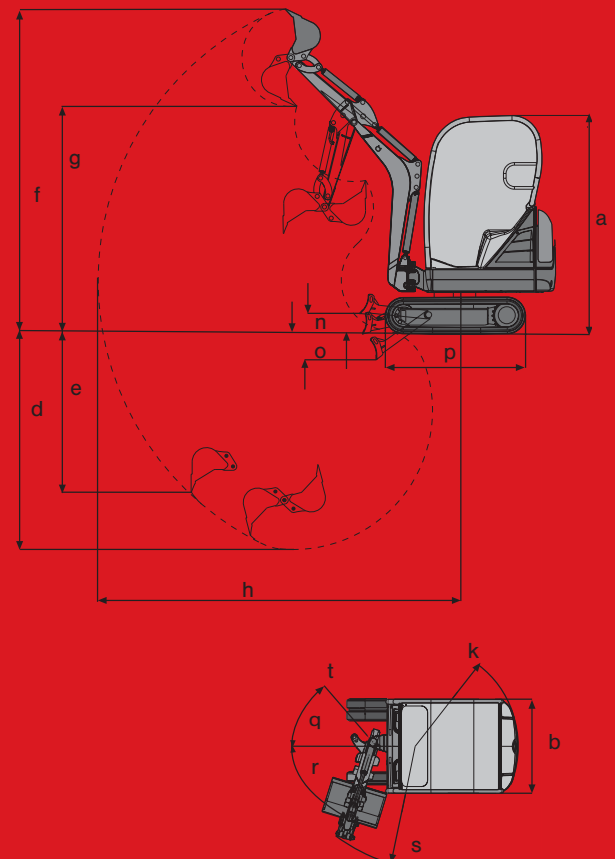
General specifications

Transport weight with cab/canopy	1450/1325 kg
Transport weight with cab/canopy and telescopic undercarriage	1515/1390 kg

Dimensions

a — Height	2276 mm
b — Width	990 mm
Transport length (boom down)	3645 mm
d — max. digging depth	2240 mm
e — max. vertical digging depth	1640 mm
f — max. digging height	3390 mm
g — max. dumping height	2370 mm
h — max. digging radius	3700 mm
max. reach on the ground	3650 mm
k — Tail slewing radius	1075 mm
max. boom offset to centre of bucket right side	432 mm
max. boom offset to centre of bucket left side	287 mm
n — max. lift above ground	211 mm
o — max. lift below ground	264 mm
p — Track length	1460 mm
q — max. swing angle to the right	49 °
r — max. swing angle to the left	73 °
s — min. boom radius	1490 mm
t — Crawler width	230 mm

max. arm crowd force	7,1 kN
max. bucket digging force	14,2 kN



Basic Machine

General

- Rubber track 230 mm
- Dozer blade
- Working light mounted to the boom
- Tool kit incl. grease gun and operator manual

Engine

- Water-cooled YANMAR diesel engine

Cabin

- Canopy: Adjustable driver seat with imitation leather cover and safety belt, canopy complies with FOPS-, TOPS- and ROPS-regulations

Hydraulic

- Load-Sensing-System
- Hydraulic oil cooler
- Hydraulic pilot control via joystick
- Valve control according to ISO, DIN, SAE, PCSA and EURO
- Auxiliary hydraulic connection for two directions of motion, mounted on dipperstick (940 mm)

Options

1404

Cabin

- Standard cab** (safety cabin, cabin heating, split front window, top swings back, bottom lifts out, windscreen wiper and washing system, 1 cabin door, covered cab interior, the cabin complies with FOPS-, TOPS- and ROPS-regulations)
- Radio** (Radio set incl. aerial and speakers)

Hydraulic

- Biological oil Panolin
- BP-Biohyd SE46
- Flat faced couplers

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

- Cab lighting front
- Cab lighting front and rear
- Anti theft device
- Flashing beacon
- Long dipperstick (+160 mm)
- 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)
- Telescopic undercarriage** (Hydraulic telescopic undercarriage from 990mm to 1300mm, with dozer blade extensions)

Packages

- Mirror package (Mirror right and left)

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