

Engine

Make/Type	Yanmar 3TNE74
Model	water cooled
	3 cyl. Diesel engine
max. engine output	17,7 kW (23,7 PS)
Performance to ISO	11,8 kW (16,0 PS)
Engine displacement	1006 cm ³
Operational speed	2200 rpm
Battery	12V/45 Ah
Fuel tank capacity	24 litre

Hydraulic system

Pump	Double variable capacity pump + 2 gear pumps
Pump capacity	23 + 23 + 18,5 + 6 l/min
Operating pressure for working and driving hydraulics	200 bar
Operating pressure for slewing gear	150 bar
Hydraulic oil cooler	standard
Hydraulic tank capacity	21 litre

Undercarriage and slewing system

Travel speed - dual	2,0 und 4,0 km/h
Gradeability	30°/58%
Crawler width	250 mm
N° Track Rollers per side	4
Ground clearance	180 mm
Ground pressure - average	0,28 kg/cm ²
Superstructure slewing speed	10 rpm

Dozer Blade

Width	990 mm
Height	260 mm
max. lift above ground	245 mm
max. lift below ground	238 mm

Lifting power index

A \ B	max.		3,0 m		2,5 m		2,0 m		1,5 m	
	along	across	along	across	along	across	along	across	along	across
3,0 m	410*	410*	-	-	395*	395*	-	-	-	-
2,0 m	395*	315	395*	360	400*	400*	-	-	-	-
1,0 m	410*	270	470*	345	550*	450	760*	615	1115*	965
0,0 m	425*	280	515*	335	665*	425	920*	585	1360*	915
-1,0 m	440*	345	-	-	585*	420	790*	580	1135*	920
-1,5 m	430*	430*	-	-	-	-	580*	580*	815*	815*

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

Noise level

Noise level (L _{WA})	95 dB(A)
Noise level (L _{PA})	75 dB(A)

General specifications

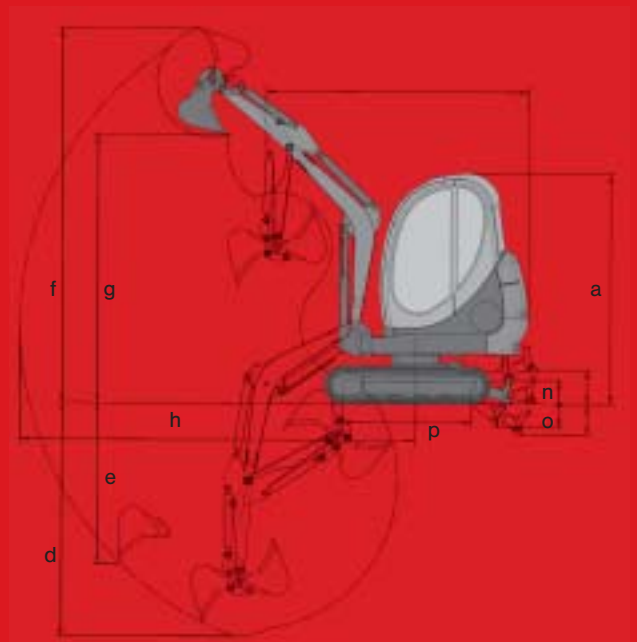
Operating weight with cab/canopy 2017/1927 kg

Dimensions

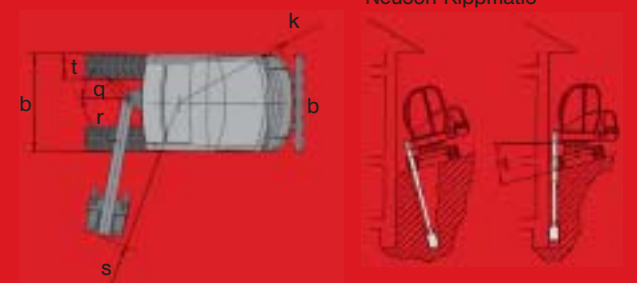
a — Height	2395 mm	
b — Width	990 mm	
	Transport length	3990 mm
d — max. digging depth	2480 mm	
e — max. vertical digging depth	1650 mm	
e — max. vertical digging depth (long dipper arm)	1830 mm	
f — max. digging height	3885 mm	
f — max. digging height (long dipper arm)	4275 mm	
g — max. dumping height	2780 mm	
g — max. dumping height (long dipper arm)	2915 mm	
h — max. digging radius	4090 mm	
h — max. digging radius (long dipper arm)	4273 mm	
	max. digging width on the ground	3990 mm
	max. digging width on the ground (long dipper arm)	4090 mm
k — Tail slewing radius	1160 mm	
	max. boom offset to centre shovel right side	508 mm
	max. boom offset to centre shovel left side	331 mm
n — max. height above soil	245 mm	
o — max. depth below soil	238 mm	
p — Track length	1710 mm	
q — max. swing angle to the right	45 °	
r — max. swing angle to the left	80 °	
s — min. boom radius	1575 mm	
t — Crawler width	250 mm	

Hydraulic telescopic undercarriage 990 to 1300 mm
 Neuson Kippmatic 15 °

max. arm crowd force 12,2 kN
 max. bucket digging force 18,8 kN



The only one:
 Neuson Kippmatic



Basic Machine

Engine

Water-cooled YANMAR-Diesel engine, 3- cylinder

Cabin

Canopy: Adjustable comfort seat with safety belt, access to cab from both sides.

Canopy (and cab) complies with FOPS, TOPS and ROPS regulations.

Hydraulic

NEUSON-Kippmatic -hydraulic upper structure tilting max. 15°

Hydraulically telescopic undercarriage, with detachable dozer blade extensions incl. storage mounting

Double variable pump with 2 gear pumps, with summation regulation

Hydraulic oil cooler

Hydraulic proportional control via joystick

Valve control according to ISO, DIN, SAE, PCSA and EURO

Two way auxiliary hydraulics piping mounted on the dipper stick

Dual travel speed

Hydraulically dampened drive pedals

Miscellaneous

Dozer blade

Working light mounted on the boom

Rubber track

Tool kit incl. grease gun, operator manual

Special Equipment

2203

Standard cab: Safety cabin, cabin heating, split front window, top swings back, bottom lifts out, windscreen wiper and washing system, covered cab interior, Cabin complies with FOPS, TOPS and ROPS regulations.

Canopy with back window

Rain roof

Headrest

Radio (Radio set incl. aerial and loudspeakers)

Cab lighting front

Flashing beacon

Biological oil BP-Biohyd SE46

Biological oil Panolin

Overload system Germany (load holding valve boom)

Overload system France (load holding valve boom and dipper stick)

Switch valve ISO – SAE

Addit. piping for grapple

Aux.hydr. via joystick

Anti theft syst. digicode

Long dipperstick

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)

Wide range of buckets available with or without quick hitch.

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