

Motor

Make/Type Model	Yanmar 4TNV88 water cooled 4 cyl. Diesel engine
max. engine output	36 kW (48 PS)
Performance to ISO	23,7 kW (32,2 PS)
Engine displacement	2190 cm ³
Operational speed	2000 rpm
Battery	12V/71Ah
Fuel tank capacity	52 litre

Hydraulic system

Pump	Double variable capacity pump + gear pump
Pump capacity	41,8 + 41,8 + 23,6 l/min
Operating pressure for working and driving hydraulics	240 bar
Operating pressure for slewing gear	200 bar
Hydraulic oil cooler	standard
Hydraulic tank capacity	50 litre

Undercarriage and slewing system

Travel speed - dual	2,5 und 5,0 km/h
Gradeability	30°/58%
Crawler width	300 mm
N° Track Rollers per side	4
Ground clearance	280 mm
Ground pressure - average	0,35 kg/cm ²
Superstructure slewing speed	9,5 rpm

Dozer Blade

Width	1620 mm
Height	370 mm
max. lift above ground	410 mm
max. lift below ground	480 mm

Lifting power index

A	max.		4,5 m		3,5 m		2,5 m		1,5 m	
	along	across	along	across	along	across	along	across	along	across
3,0 m	800*	650	-	-	750*	550	-	-	-	-
2,0 m	845*	350	-	-	900*	530	1210*	890	-	-
1,0 m	900*	340	900*	340	1125*	500	1850*	800	-	-
0,0 m	955*	340	955*	340	1300*	460	2150*	750	-	-
-1,0 m	1050*	395	-	-	1300*	450	2080*	750	4200*	1855
-2,0 m	1150*	575	-	-	-	-	1650*	790	3150*	1910

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})	97 dB(A)
Noise level (L _{PA})	74 dB(A)

General specifications

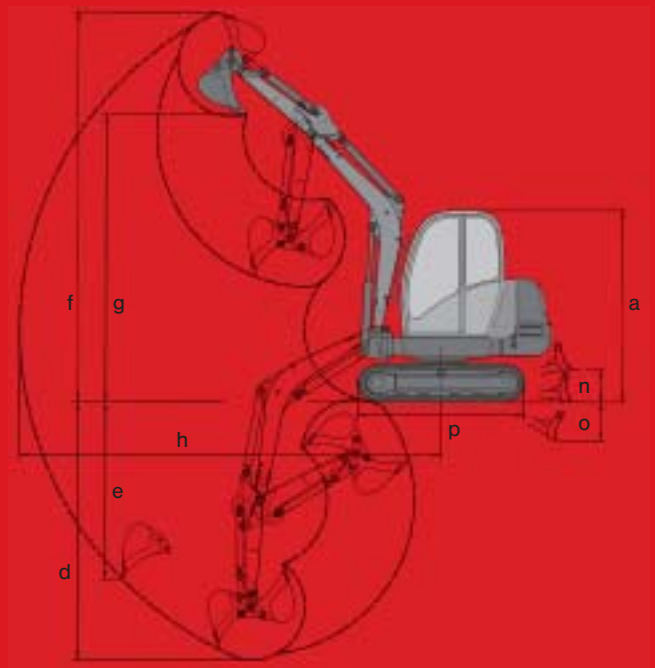
Operating weight with cab/canopy 3726/3631 kg

Dimensions

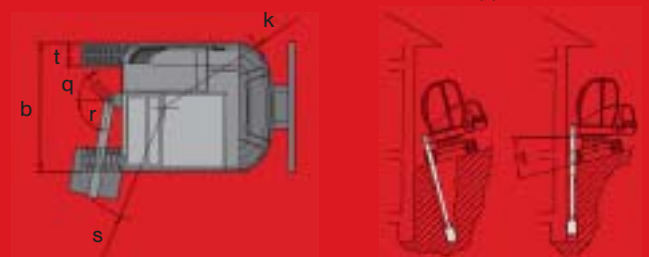
a	Height	2520 mm
b	Width	1620 mm
	Transport length	5170 mm
d	max. digging depth	3120 mm
e	max. vertical digging depth	2105 mm
e	max. vertical digging depth (long dipper arm)	2385 mm
f	max. digging height	5020 mm
f	max. digging height (long dipper arm)	5220 mm
g	max. dumping height	3735 mm
g	max. dumping height (long dipper arm)	3935 mm
h	max. digging radius	5270 mm
h	max. digging radius (long dipper arm)	5546 mm
	max. digging width on the ground	5150 mm
	max. digging width on the ground (long dipper arm)	5270 mm
k	Tail slewing radius	1400 mm
	max. boom offset to centre of shovel right side	686 mm
	max. boom offset to centre of shovel left side	416 mm
n	max. height above soil	410 mm
o	max. depth below soil	480 mm
p	Track length	2075 mm
q	max. swing angle to the right	45°
r	max. swing angle to the left	80°
s	min. boom radius	1470 mm
t	Crawler width	300 mm

Neuson Kippmatic 15°

max. arm crowd force 20,6 kN
 max. bucket digging force 30,4 kN



The only one:
Neuson-Kippmatic



Basic Machine

Engine

Water-cooled YANMAR-Diesel engine, 4-cylinder, EPA 2

Cabin

Canopy: Adjustable comfort seat with safety belt

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

Hydraulic

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

Double variable pump with 1 gear pump, summation regulation

Hydraulic oil cooler

Hydraulic proportional control via joystick

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

Park brake for drive- and turn motor

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

3703

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

Radio (Radio set incl. aerial and loudspeakers)

Flashing beacon

Cab lighting front

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

Long dipperstick

Anti theft syst. Digicode

Steeltrack rub.vulc. 300

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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