



## Motor

Make/Type Model	Yanmar 4TNV88 water cooled 4 cyl. diesel engine
max. engine output	35,4 kW (48,1 HP)
Performance to ISO	23,7 kW (32,2 HP)
Engine displacement	2189 cm <sup>3</sup>
Travel speed	2000 min <sup>-1</sup>
Battery	12V/71Ah
Fuel tank capacity	52 l



## Hydraulic system

Pump	Double variable capacity pump + gear pump
Pump capacity	44,5 + 44,5 + 25,1 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 l



## Undercarriage and slewing system

Travel speed - dual	2,8 km/h and 5,5 km/h
Gradeability	30°/58%
Crawler width	300 mm
N° track rollers per side	4
Ground clearance	280 mm
Ground pressure	0,35 kg/cm <sup>2</sup>
Superstructure slewing speed	9,2 min <sup>-1</sup>



## 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*	610	-	-	750*	750*	-	-	-	-
2,0 m	845*	505	-	-	900*	730	1210*	1210*	-	-
1,0 m	900*	465	900*	485	1125*	695	1850*	1105	-	-
0,0 m	955*	475	955*	475	1300*	670	2150*	1065	-	-
-1,0 m	1050*	540	-	-	1300*	665	2080*	1070	4200*	2565
-2,0 m	1150*	765	-	-	-	-	1650*	1100	3150*	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 <sub>WA</sub> ) (to 2000/14/EG)	95 dB(A)
Noise level (L <sub>PA</sub> ) (to ISO 6394)	74 dB(A)



## General specifications

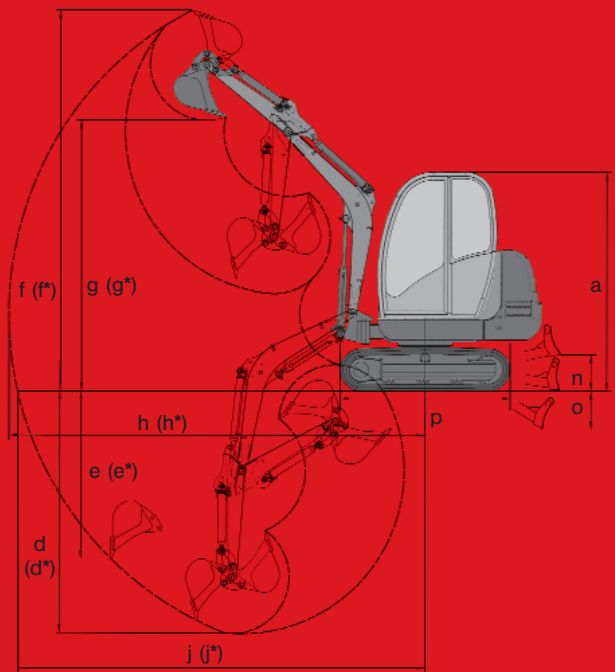
Transport weight with cab/canopy 3734/3639 kg

### Dimensions

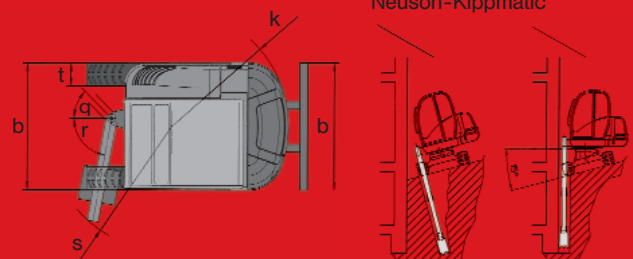
a	Height	2520 mm
b	Width	1620 mm
	Transport length (boom down)	5170 mm
d	max. digging depth	3120 mm
d*	max. digging depth (long dipperstick)	3417 mm
e	max. vertical digging depth	2105 mm
e*	max. vertical digging depth (long dipperstick)	2385 mm
f	max. digging height	5020 mm
f*	max. digging height (long dipperstick)	5220 mm
g	max. dumping height	3735 mm
g*	max. dumping height (long dipperstick)	3935 mm
h	max. digging radius	5270 mm
h*	max. digging radius (long dipperstick)	5546 mm
j	max. reach on the ground	5150 mm
j*	max. reach on the ground (long dipperstick)	5432 mm
k	Tail slewing radius	1400 mm
	max. lateral tail projection over crawlers	590 mm
	max. boom offset to centre of bucket right side	686 mm
	max. boom offset to centre of bucket left side	416 mm
n	max. lift above ground	410 mm
o	max. lift below ground	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. arm crowd force (long dipperstick)	16,8 kN
max. bucket digging force	30,4 kN



The only one:  
Neuson-Kippmatic



## Basic Machine

### General

- Rubber track 300 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 and resilient comfort seat with imitation leather cover and safety belt, canopy complies with FOPS-, TOPS- and ROPS-regulations

### Hydraulic

- Neuson-Kippmatic - hydraulic upper structure tilting max. 15°
- Summation regulation
- Hydraulic oil cooler
- Hydraulic pilot control via joystick
- Valve control according to ISO, DIN, SAE, PCSA and EURO
- Park brake for drive- and turn motor
- Auxiliary hydraulic connection for two directions of motion, mounted on dipperstick (1335 mm)
- Dual travel speed
- Hydraulically dampened drive pedals and levers

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## Options

# 3703

### 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)

**Canopy with back window**

**Radio** (Radio set incl. aerial and speakers)

**Rain cover**

### Hydraulic

**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

**Cab lighting front**

**Anti theft device**

**Flashing beacon**

**Long dipperstick (+ 300 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)

**Steel track 300 mm**

### Packages

**Mirror package** (Exterior mirror right and left)



**neuson**<sup>®</sup>

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