

## Engine

Make/Type	Yanmar 3TNV70
Model	water cooled 3 cylinder diesel engine
max. engine output	13,7 kW (18,6 HP)
Performance to ISO	9,6 kW (13 HP)
Engine displacement	854 cm <sup>3</sup>
Travel speed	2100 min <sup>-1</sup>
Battery	12V/20Ah
Fuel tank capacity	10 l

## Hydraulic system

Pump	Double gear pump
Pump capacity	11,4 + 11,4 l/min
Operating pressure for working and driving hydraulics	170 bar
Operating pressure for slewing gear	70 bar
Hydraulic tank capacity	14 l

## Undercarriage and slewing system

Travel speed	1,8 km/h
Gradeability	30°/58%
Crawler width	180 mm
N° track rollers per side	2
Ground clearance	127 mm
Ground pressure	0,25 kg/cm <sup>2</sup>
Superstructure slewing speed	8 min <sup>-1</sup>

## Dozer blade

Width	700 mm
Height	200 mm
max. lift above ground	197 mm
max. lift below ground	174 mm

## Lifting power index

A	2,0 m		2,5 m	
	along	across	along	across
1,0 m	242	176	204	125
0,5 m	272	169	203	122

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 (L <sub>WA</sub> ) (to 2000/14/EG)	93 dB(A)
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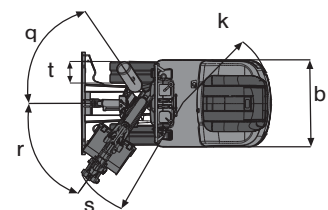
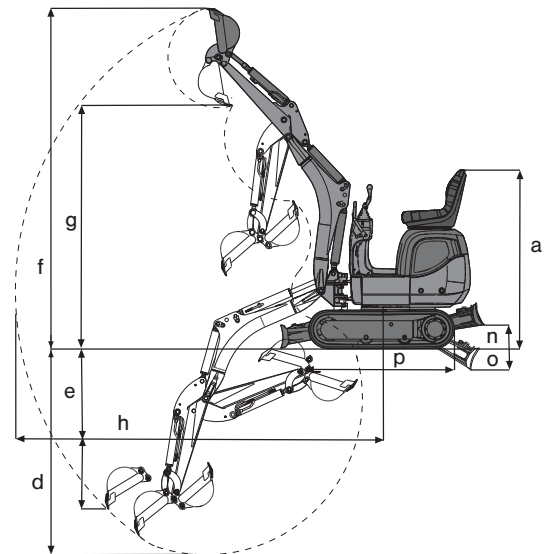
## General specifications

Transport weight 935 kg

### Dimensions

a — Height	1507 mm
b — Width	700 mm
Transport length (boom down)	2746 mm
d — max. digging depth	1731 mm
e — max. vertical digging depth	1349 mm
f — max. digging height	2863 mm
g — max. dumping height	2035 mm
h — max. digging radius	3074 mm
max. reach on the ground	3028 mm
k — Tail slewing radius	747 mm
max. boom offset to centre of bucket right side	245 mm
max. boom offset to centre of bucket left side	283 mm
n — max. lift above ground	197 mm
o — max. lift below ground	174 mm
p — Track length	1220 mm
q — max. swing angle to the right	56 °
r — max. swing angle to the left	55 °
s — min. boom radius	1150 mm
t — Crawler width	180 mm

max. arm crowd force	4,5 kN
max. bucket digging force	8,9 kN



## Basic Machine

### General

- Rubber track 180 mm
- Dozer blade
- Working light mounted to the boom
- Tool kit incl. grease gun and operator manual
- Adjustable seat with imitation leather cover and safety belt

### Engine

- Water-cooled 3 cylinder YANMAR diesel engine

### Hydraulic

- Mechanical control via lever operation
- Valve control according to ISO
- Auxiliary hydraulic connection for two directions of motion, mounted on boom
- Hydraulic telescopic undercarriage from 700 mm to 860 mm, with dozer blade extensions

## Options

# 803

### Hydraulic

- Biological oil Panolin
- BP-Biohyd SE46

### Painting

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

### Miscellaneous

- Safety bar (TOPS)
- 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)

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