User manual

Compact excavators

1403 1503
1903 2203



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3 Specifications
Technical Data Compact Excavator 1403

Principal Data 1403

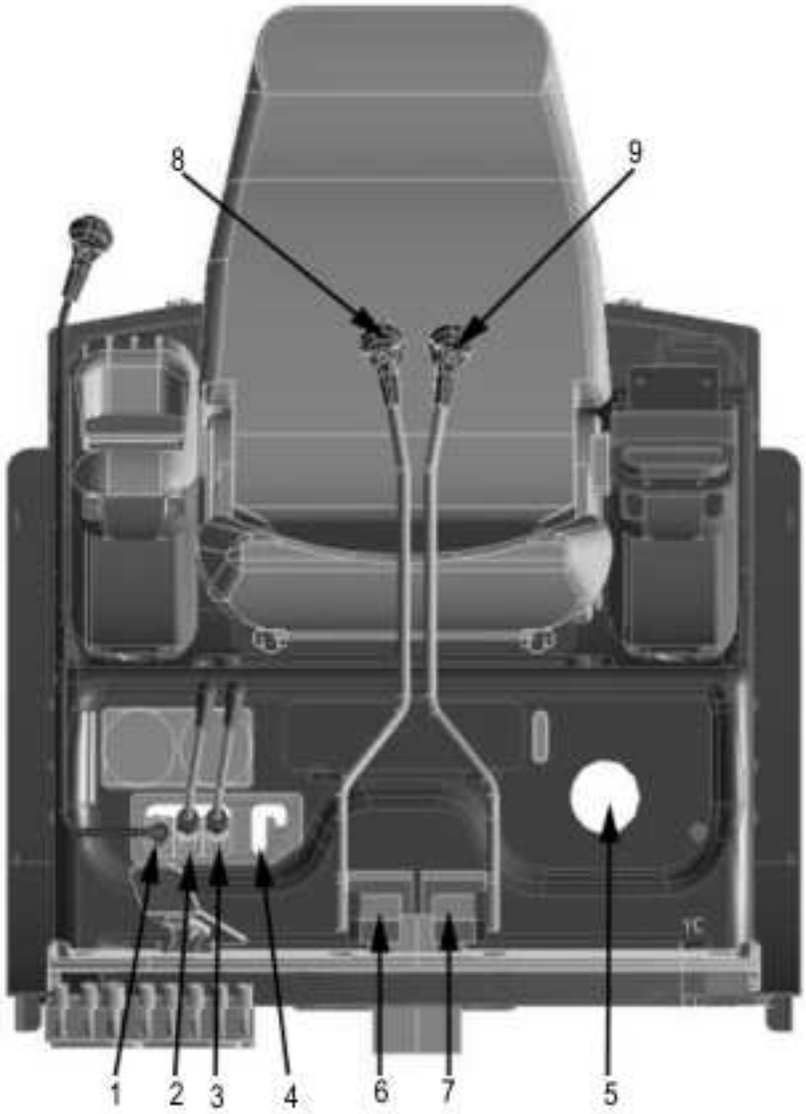
Principal Data 1403	
Unladen weight with cab	1560 kg
Unladen weight with canopy	1470 kg
Height to top of cab	2330 mm
Width	990 mm
Lenght	3836 mm
max. digging depth	2235 mm
max. digging height	3450 mm
max. dumping height	2495 mm
max. digging radius	3770 mm
Force per bucket tooth	1389 kp
min. rear swiveling clearance	1160 mm
min. excavator arm clearance	1555 mm
Excavator arm angle left	80°
Excavator arm angle right	45°

Driving and swiveling specifications 1403

Driving and swiveling specifications 1403	
2 speeds	2,3 & 4,5 km/h
Climbing ability	30° (58%)
Track width	230 mm
Number of track rollers per side	3 per side
Track tensioner	Grease cylinder with tension spring
Ground clearance	200 mm
Ground pressure (of excavator when level	0,28 kg/cm²
Swiveling speed of revolving superstructure	10 revolutions per min

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4.1 Cab equipment and controls



Cab equipment and controls	
1	dozer blade lever
2	lever to telescopic the chassis (type 1503 1903, 2203)
3	lever to tilt the revolving platform (type 2203)
4	anti-twist plate for revolving platform
5	Gauge for hydraulicoil level
6	throttle pedal right
7	throttle pedal left
8	driving lever right
9	driving lever left

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20 Maintenance every 250 operating hours



NOTE: In addition to normal weekly maintenance and maintenance every 50 operating hours, the following maintenance should be carried out every 250 operating hours, see maintenance schedule 16.2

20.1 Engine

See engine operating instructions for maintenance schedule.

Change oil and oil filter

See engine operating instructions.
Dispose of used oil in accordance with environmental laws.

Replace fuel filter

Dispose of used filter in accordance with environmental laws.

20.2 Hydraulics



ATTENTION: Always release residual pressure before working on the hydraulic system!

Check hydraulic oil and filter

If it is necessary to replace the hydraulic filter, dispose of the used filter in accordance with environmental laws.

20.3 Electrical components

Check the cable harness and the battery. If necessary tighten and secure to avoid twisting.

20.4 Attachments

Check for play and replace damaged or defective parts!

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