Operator's Manual

Track excavators

2503 3503



Machine models	**2503/3503**
Edition	**2.3**
Order no.	**1000188382**
Language	**EN**

WACKER NEUSON

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Right-hand side control lever

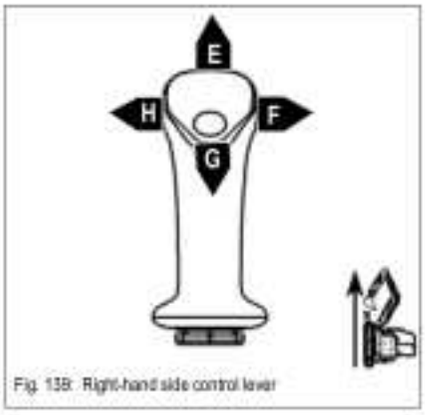


Fig. 139: Right-hand side control lever

Position	Lever	Function
• E	☞ *Forwards*	➥ Boom is lowered
• F	☞ *To the right*	➥ Dumps out the bucket
• G	☞ *Backwards*	➥ Boom is raised
• H	☞ *To the left*	➥ Dumps in the bucket

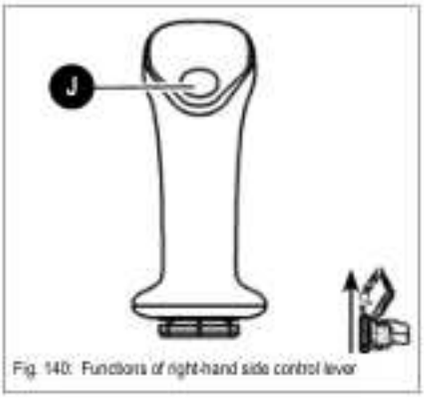


Fig. 140: Functions of right-hand side control lever

Button	Function
☞ *J*	➥ Horn

Lowering the boom with the engine stopped

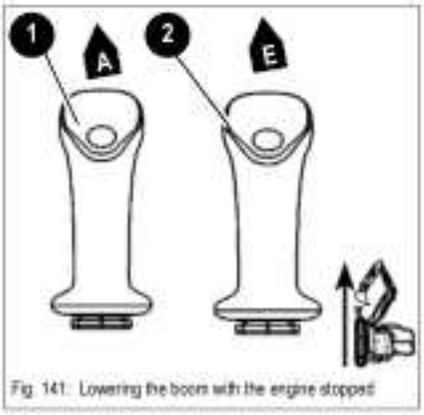


Fig. 141: Lowering the boom with the engine stopped

Lower the boom as follows:

☞ *Make sure no-one is dangerously close to the machine*

☞ *Turn the ignition key to position "1"*

☞ *Press forwards and hold the control lever (**A** and **E**)*

➥ Until the boom is completely lowered

☞ *Return the control lever to neutral*

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VDS lubrication points (option)

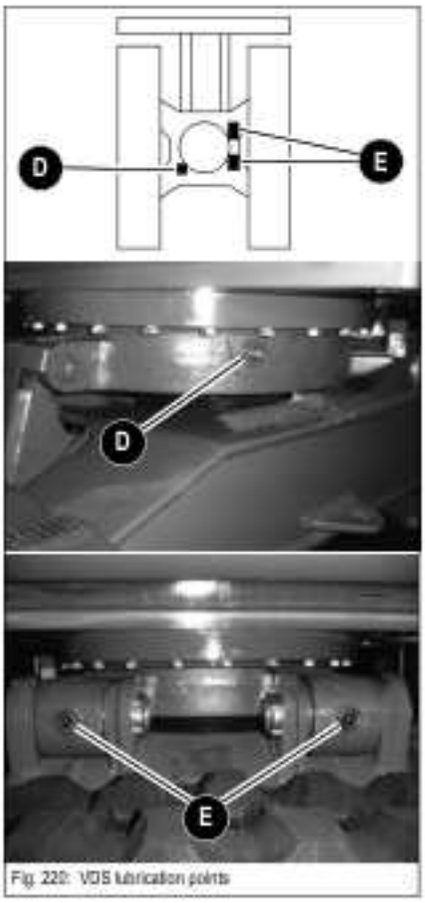


Fig. 220: VDS lubrication points

Apply grease to lubrication points **D** and **E** once a week.

– *see Tilting the upper carriage (option)* on page 3-57

Powertilt (option)



Fig. 221: Lubricate

Carry out maintenance on the Powertilt unit once a day with the other maintenance work for the machine.

Carry out visual checks for possible defects, damage or cracks.

Remove all dirt on and around moving parts.

Apply grease via grease nipples **S**.

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6.11 Dimensions model 3503 VDS

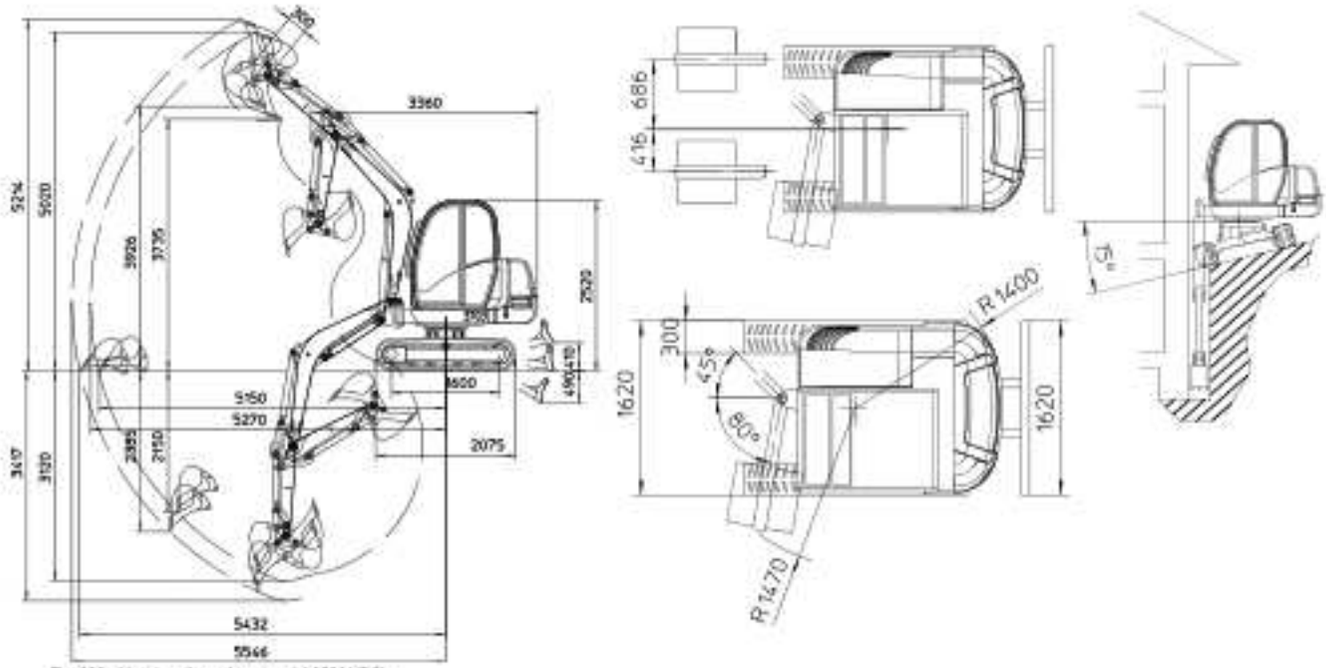


Fig. 228: Machine dimensions (model 3503 VDS)

Main data	Model 3503 VDS
Service weight with cab/canopy	3734/3639 kg
Height	2520 mm
Width	1620 mm
Transport length	5170 mm
Max. digging depth	3120 mm
Stick length (standard)	1335 mm
Stick length (long version)	1635 mm
Max. digging depth for long stick (+ 300 mm)	3417 mm
Max. vertical digging depth	2105 mm
Max. vertical digging depth (long stick)	2385 mm
Max. digging height	5020 mm
Max. digging height (long stick)	5220 mm
Max. dump height	3735 mm
Max. dump height (long stick)	3935 mm
Max. digging radius	5270 mm
Max. digging radius (long stick)	5546 mm
Max. reach at ground level	5150 mm
Max. reach at ground level (long stick)	5432 mm
Max. breakout force at bucket tooth	30.4 kN
Max. tearout force (standard stick)	20.6 kN
Max. tearout force (long stick)	16.8 kN
Min. tail end slewing radius	1400 mm
Max. tail end lateral projection (90° rotation of upper carriage)	590 mm
Max. boom displacement to bucket centre (right-hand side)	686 mm
Max. boom displacement to bucket centre (left-hand side)	416 mm
Max. tilt angle for VDS	15°

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3.1 Cab overview

Pos.	Description	For more information see page
1	Control lever (left)	3-46
2	Control lever (right)	3-49
3	Control lever base (left)	
4	Control lever base (right)	
5	Armrest (left)	
6	Armrest on the right (not shown)	
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9	Radio (option)	
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