Operator's Manual

Track excavators

2503 **3003**

3503 **3703**





Machine models	**2503 / 3003 / 3503 / 3703**
Edition	**3.1**
Language	**English**
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MidWestTech | Wacker Neuson 2503, 3003, 3503, 3703 Track Excavator Operator's Manual | Publication 1000127409

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3.8 Control levers/ISO controls: overview

Important!

Fast actuation of the control lever for the attachment moves the attachment fast.
Slow actuation of the control lever moves the attachment slowly.

Left-hand side control lever

Danger!

Unintentional operation of control lever fig. 39/1 when driving on public roads –

Danger of accidents!

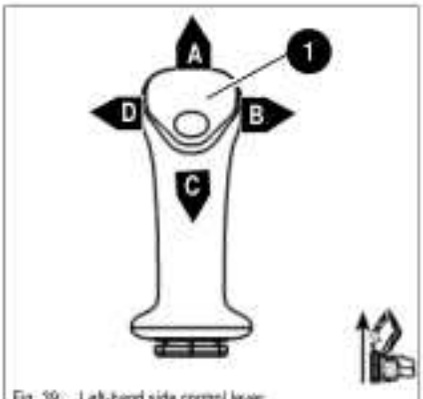


Fig. 39: Left-hand side control lever

Position	Lever	Function
• A	☞ *Forwards*	➥ Stick is extended
• B	☞ *To the right*	➥ Upper carriage rotates to the right
• C	☞ *Backwards*	➥ Stick is retracted
• D	☞ *To the left*	➥ Upper carriage rotates to the left

Important!

Always carry out smooth control movements.

Auxiliary hydraulics

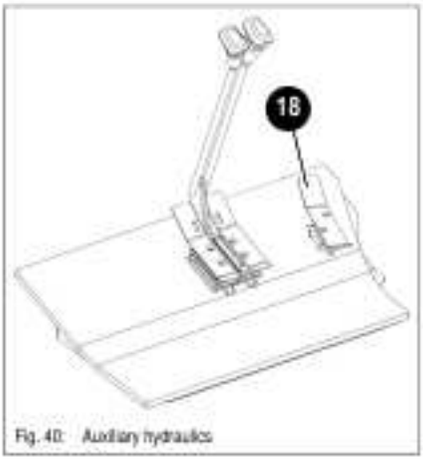


Fig. 40: Auxiliary hydraulics

Actuating the auxiliary hydraulics:

Oil flow in 1st direction:

☞ *Move hammer pedal **18** to the left*

Oil flow in 2nd direction:

☞ *Move hammer pedal **18** to the right*

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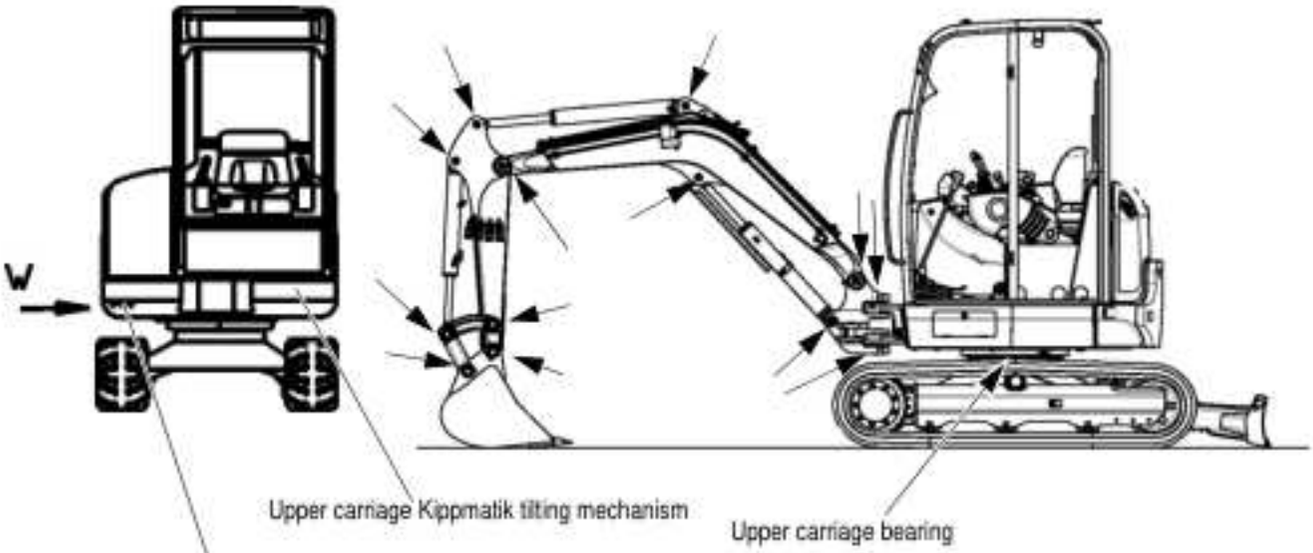
5.11 Lubrication points

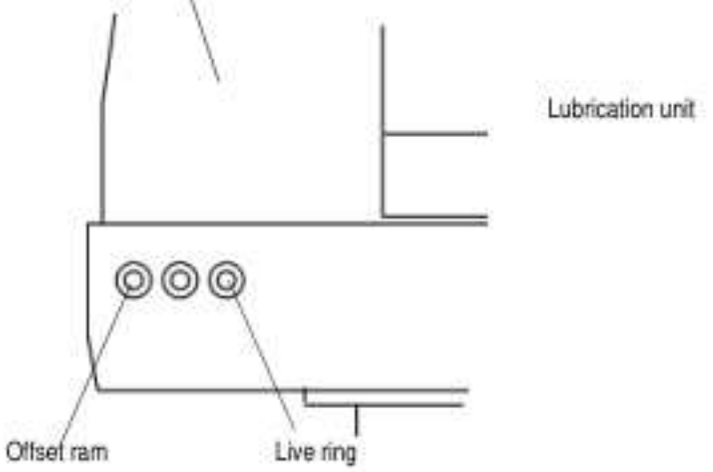
Lubrication points with W = lubricate once a week (green caps)

Lubricate all other lubrication points daily (blue caps)

Lubricate the upper carriage bearing once a week

Lubricate both lubrication points of the upper carriage Kippmatik tilting mechanism once a week (3703 only)





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6.10 Dimensions model 3503

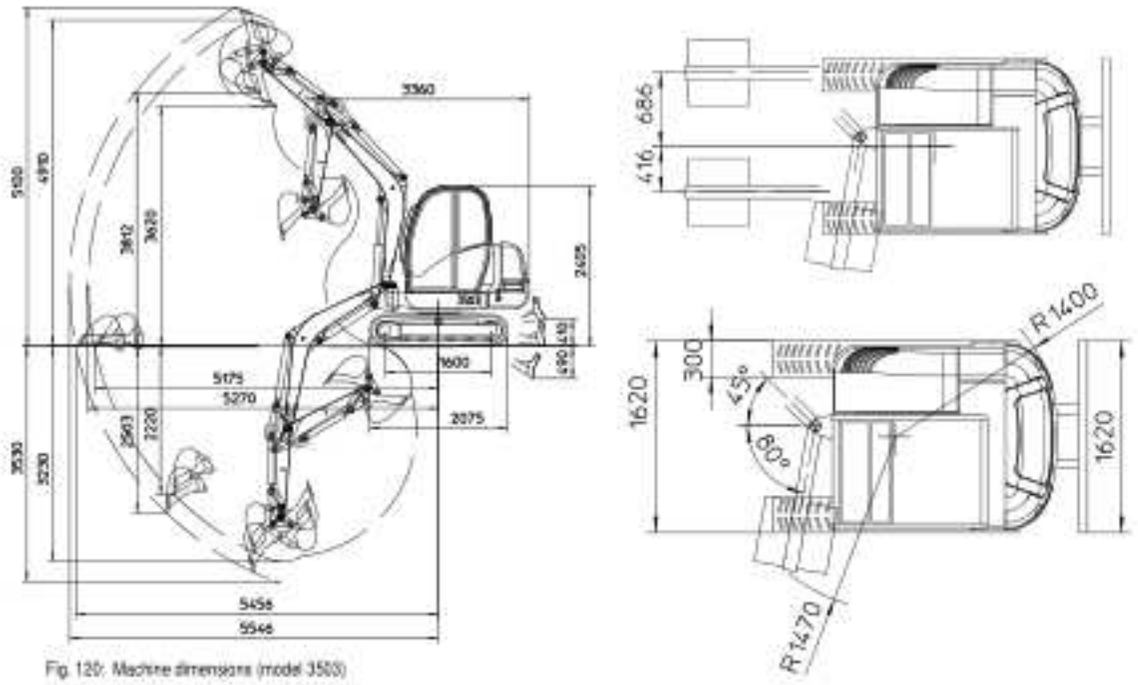


Fig. 120: Machine dimensions (model 3503)

Main data	Model 3503	Vario 3503
Service weight with cab/canopy	3500 / 3405 kg	3775 / 3680 kg
Height	2405 mm	2508 mm
Width	1620 mm	1620 mm
Transport length	5170 mm	5170 mm
Max. digging depth	3230 mm	3127 mm
Stick length (standard)	mm	mm
Stick length (long version)	mm	mm
Max. digging depth for long stick (+ 300 mm)	35030 mm	3427 mm
Max. vertical digging depth	mm	mm
Max. vertical digging depth (long stick)	2500 mm	2396 mm
Max. digging height	4910 mm	5013 mm
Max. digging height (long stick)	5100 mm	5211 mm
Max. dump height	3620 mm	3723 mm
Max. dump height (long stick)	3810 mm	3923 mm
Max. digging radius	5270 mm	5100 / 5440**
Max. digging radius (long stick)	5546 mm	5296 / 5796**
Max. reach at ground level	5175 mm	5005 / 5345 mm
Max. reach at ground level (long stick)	5456 mm	5206 / 5706**
Max. breakout force at bucket tooth	30.3 kN	30.3 kN
Max. tearout force (standard stick)	20.6 kN	20.6
Max. tearout force (long stick)	16.8 kN	16.8 kN
Min. tail end slewing radius	1400 mm	1400 mm
Max. tail end lateral projection (90° rotation of upper carriage)	590 mm	420 / 760** mm
Max. boom displacement to bucket centre (right-hand side)	685 mm	855** mm
Max. boom displacement to bucket centre (left-hand side)	415 mm	585** mm

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3.1 Cab overview

Pos.	Description	For more information see page
1	Control lever (left)	3-41
2	Control lever (right)	3-45
3	Control lever base (left)	
4	Control lever base (right)	
5	Armrest (left)	
6	Armrest on the right (not shown)	
7	Lever (horizontal seat adjustment)	3-3
8	Air vents	3-3
9	Radio (option)	
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29	Weight adjustment for seat	
30	Proportional controls indicator (option)	
31	Lever for engine and valve cover	

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