Operator's Manual

Track excavator

38Z3



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3.10 Control lever with proportional controls (option): overview

Notice!

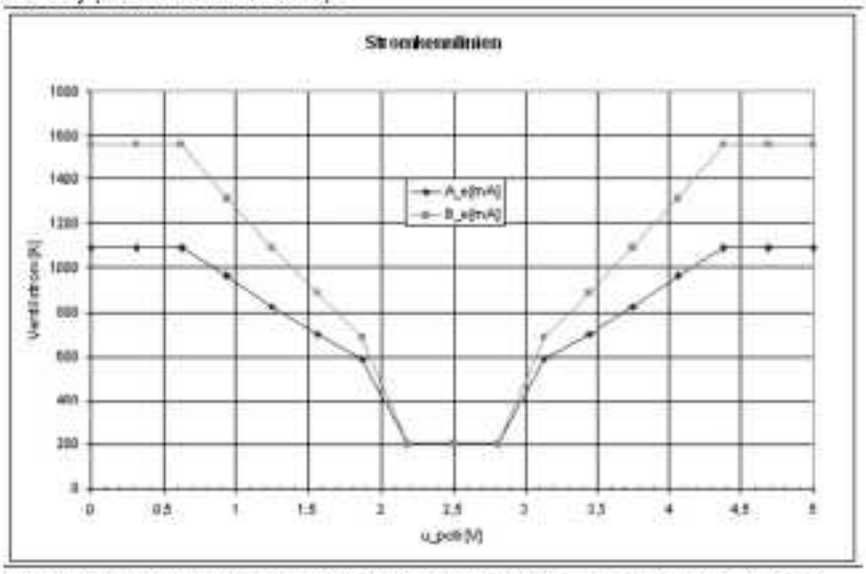
Fast actuation of the control lever for the attachment moves the attachment fast. Slow actuation of the control lever moves the attachment slowly.

Function

This control mode offers proportional operation of the auxiliary hydraulics circuit depending on the position of slide switch **B** on the joystick.

You can also modify the properties of the characterisitic curve. Precision work, for instance with the offset bucket, does not require the full throughput of the auxiliary hydraulics. Therefore we recommend setting the controls to the low characteristic curve 1 (slow movements).

The slide switch is not pressed fully in this position and you can move the machine more smoothly (flat characteristic curve).



If you require the full throughput then characteristic curve 2 will be the choice to make (slide switch pressed as far as it will go).

Caution!

Always use button **C** on the joystick for hammer operation.

☞ *Do not use characteristic curve 1 for hammer operation since as described above, oil throughput is not set to maximum in this case and therefore the hydraulic output is not fully available for hammer operation.*

Pressing button **C** ensures full throughput irrespective of the characteristic curve that has been selected!

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5.16 Maintenance label

Explanation of symbols on the maintenance label

Symbol	Assembly	Explanation
	General	Visual check
	General	Grease instructions
	Fuel system	Drain condensation water
	Fuel system	Replace the fuel filter, clean the fuel prefilter
	Radiator	Check the coolant level
	Radiator	Drain and fill in new coolant
	Engine	Check valve clearance. Adjust if necessary
	Engine	Check the engine oil level
	Engine	Change engine oil
	Engine	Replace the oil filter
	Engine	Check V-belt tension
	Travelling drive	Change oil
	Travelling drive	Check oil level
	Undercarriage	Check track tension
	Hydraulic system	Check oil level
	Hydraulic system	Change hydraulic oil
	Hydraulic system	Replace the hydraulic oil filter, replace the breather filter

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6.13 Lift capacity table 38Z3

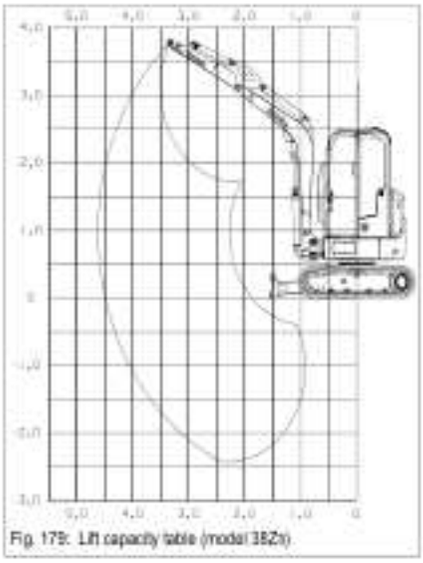
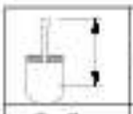
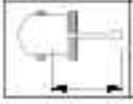


Fig. 179: Lift capacity table (model 38Z3)

B \ A			4,5m		3,5m		2,5m	
3,0m					860*	860*		
2,0m			790*	425	765*	640		
1,0m	825*	395	840*	410	1050*	600	1735*	875
0,0m	805*	385	855*	400	1210*	570	2025*	925
-1,0m					1160*	565	1875*	915
-2,0m							1440*	945

max	Admissible load on extended stick
A	Reach from live ring centre
B	Load hook height
*	Lift capacity limited by hydraulics

All table indications in kg and horizontal position on firm ground without bucket.

	With the stabiliser blade in driving direction
	Without the stabiliser blade, 90° to driving direction

If equipped with a bucket or other attachments, lift capacity or tilt load is reduced by bucket or attachment dead weight.

Calculation basis: according to ISO 10567

The compact excavator's lift capacity is restricted by the settings of the pressure limiting valves and the hydraulic system's stabilising features.

Neither 75 % of the static tilt load nor 87 % of the hydraulic lift capacity is exceeded.

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3.1 Cab overview

Pos.	Description	For more information see page
1	Hammer pedal	3-42
2	Control lever (left)	3-45
3	Control lever (right)	3-45
4	Control lever base (left)	
5	Control lever base (right)	
6	Armrest (left)	
7	Armrest (right)	
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10	Radio (option)	
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