# Operator's Manual

Track excavators

1703 / 2003




| | |
|---|---|
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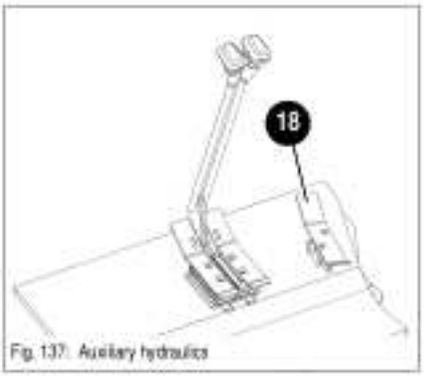


Fig. 137: Auxiliary hydraulics

**Switching on hammer operation:**

☞ *Press hammer pedal **18** forwards.*

## Boom swivel controls

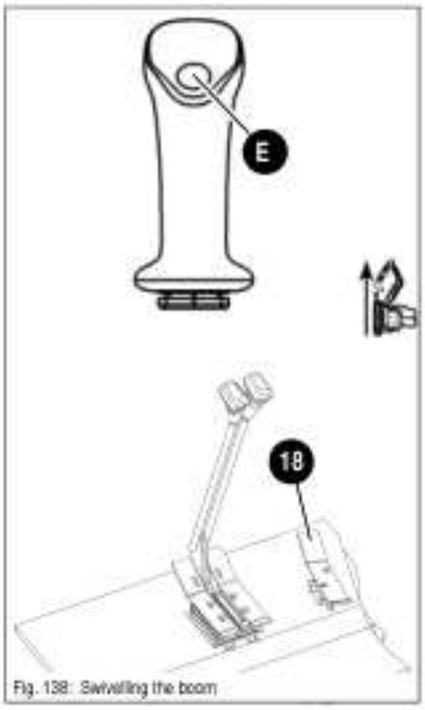


Fig. 138: Swivelling the boom

**Swivel boom to the right:**

☞ *Press and hold button **E** on the control lever*

☞ Move hammer pedal ***18*** forwards at the same time

**Swivel boom to the left:**

☞ *Press and hold button **E** on the control lever*

➥ Move hammer pedal ***18*** backwards at the same time

## 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 |



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## Lubrication unit

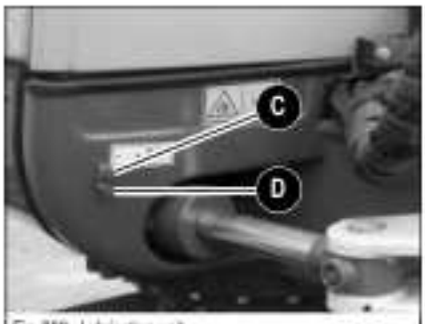


Fig. 233: Lubrication unit

**C**: lubrication point for live ring.
☞ Lubricate once a week.
**D**: lubrication point for offset ram.
☞ Lubricate once a week.

## Lubrication points on the stabiliser blade

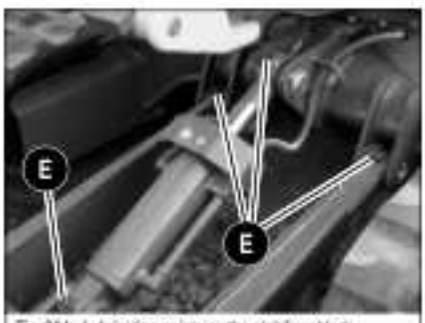


Fig. 234: Lubrication points on the stabiliser blade

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

## VDS lubrication points (option)

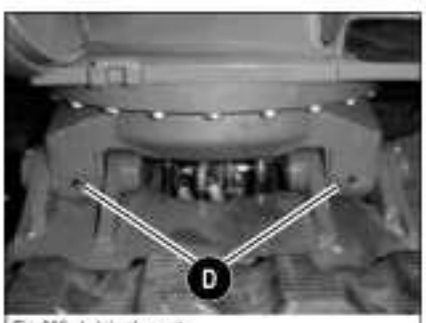


Fig. 235: Lubrication unit

Apply grease to lubrication points **D** once a week.
– *see* ***Tilting the upper carriage – Vertical Digging System (option)*** on page 3-63

## Powertilt lubrication points (option)



Fig. 236: 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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## 6.13 Dimensions model 2003 (up to serial no. AF05530)

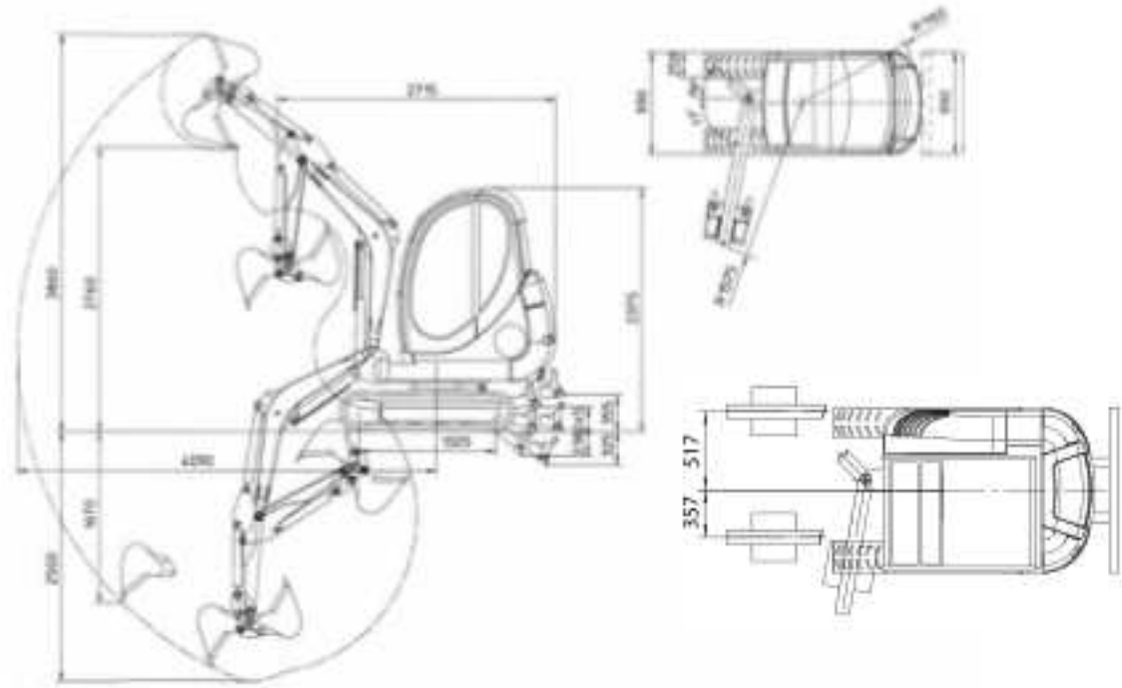



Fig. 345: Machine dimensions (model 2003)

| Main data | Model 2003 |
|---|---|
| Service weight with cab/canopy and telescopic undercarriage | 1940/1850 kg |
| Height | 2375 mm |
| Width | 990 mm |
| Transport length | 3990 mm |
| Max. digging depth | 2500 mm |
| Stick length (standard) | 1050 mm |
| Stick length (long version) | 1250 mm |
| Max. digging depth for long stick (+ 300 mm) | 2639 mm |
| Max. vertical digging depth | 1670 mm |
| Max. vertical digging depth (long stick) | 1855 mm |
| Max. digging height | 3860 mm |
| Max. digging height (long stick) | 3982 mm |
| Max. dump height | 2760 mm |
| Max. dump height (long stick) | 2883 mm |
| Max. digging radius | 4090 mm |
| Max. digging radius (long stick) | 4273 mm |
| Max. reach at ground level | 4000 mm |
| Max. reach at ground level (long stick) | 4185 mm |
| Max. breakout force at bucket tooth | 18.8 kN |
| Max. tearout force (standard stick) | 12.2 kN |
| Min. tail end slewing radius | 1140 mm |
| Max. boom displacement to bucket centre (right-hand side) | 517 mm |
| Max. boom displacement to bucket centre (left-hand side) | 357 mm |



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## 3.1 Cab overview

| Pos. | Description | For more information see page |
|---|---|---|
| 1 | Control lever (left) | 3-53 |
| 2 | Control lever (right) | 3-54 |
| 3 | Control lever base (left) | |
| 4 | Control lever base (right) | |
| 5 | Armrest (left) | |
| 6 | Armrest (right) | |
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