Operator's Manual

Dumpers

9001/10001+



Machine models	**9001/10001**
Edition	**3.0**
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WACKER NEUSON

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Accelerator pedal

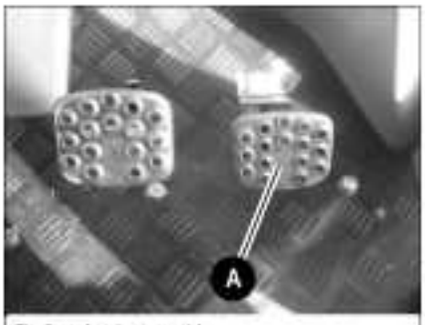


Fig. 8: Accelerator pedal

Accelerator pedal A sets the engine speed. During drive operation, the dumper is accelerated as revs are increased. During skip operation, the skip dumps in or out more rapidly as engine speed is increased.

Function	
Press the pedal	Engine speed rises
Reduce the pressure on the pedal	Engine speed is reduced
Release the pedal	Idling speed

The forward or reverse travel speed depends on the position of accelerator pedal *A*.

Hydraulic brake

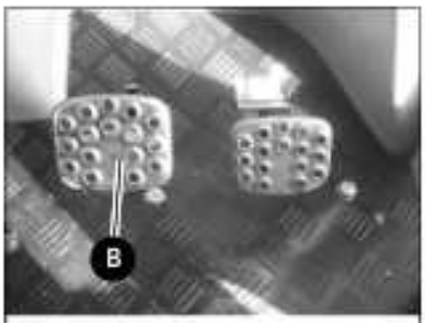


Fig. 9: Brake pedal

Hydraulic service brake *B* with fully enclosed wet multidisc brakes in the front axle, self-adjusting, braking effect on all four wheels.

Important

Use service brake ***B*** on slopes to slow down the machine as required.

Parking brake

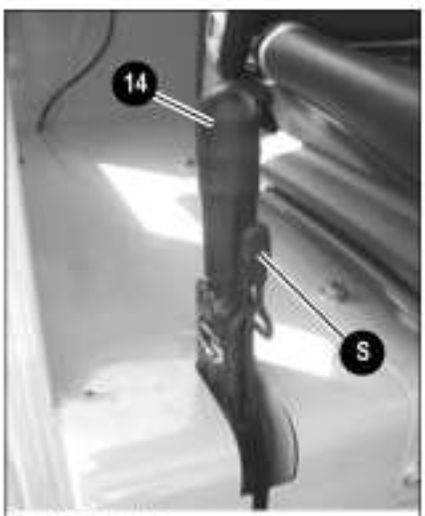


Fig. 10: Parking brake

Parking brake: mechanical disc brake with brake effect on the cardan shaft between the selector gearbox and the transfer gearbox!

Important

Brake effectiveness may be reduced if the machine is inoperative for long periods, operated only occasionally, or operated under light loads. These conditions can cause the brake discs to corrode and dirt to accumulate on the brake linings. Wet brake discs and linings will also reduce brake effectiveness.

- Make sure that the brakes are clean and in good operating condition before operating the machine. **Note:** Cleaning the brakes with a high-pressure cleaner can damage them.
- When operating in conditions of strong rain or on wet surfaces, gently apply the brakes every so often to help dry the brake discs and linings with frictional heat.

Release the parking brake.

☞ *Press lock lever **S** of parking brake lever **14**.*

☞ *Press parking brake lever **14** downwards to the front.*

Apply the parking brake

☞ *Pull parking brake lever **14** up.*

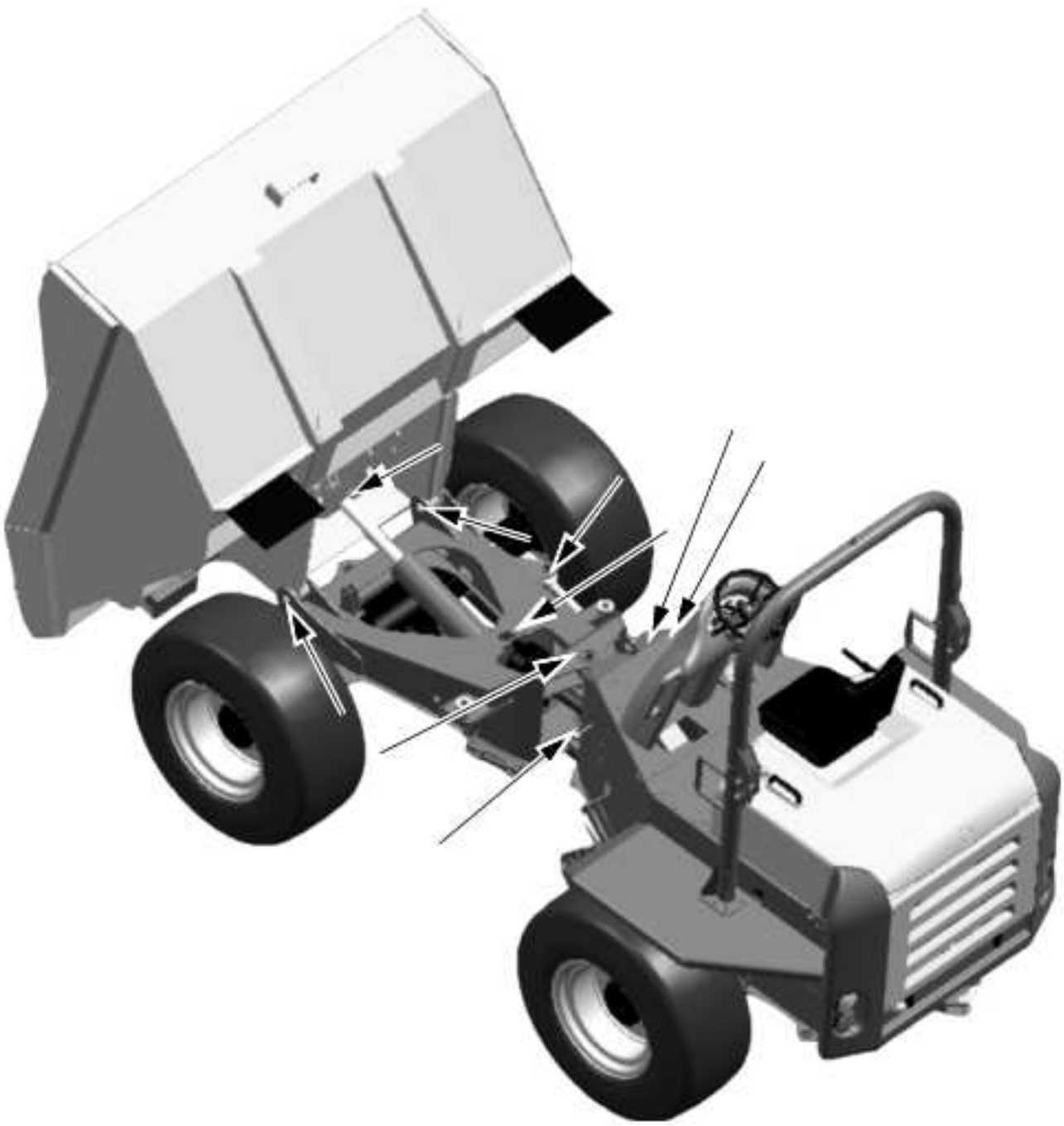
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5.16 Lubrication plan

Grease all lubrication points daily! Use ENERGREASE L21M.

Fold down the red maintenance strut before you carry out maintenance work with the skip dumped out – *see chapter 5.2 Maintenance strut* on page 5-2. Lubricate all points daily with FINA Energrease L21M or Mobilgrease CM-P.

Front skip



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6.15 Dimensions model 10001 with cab

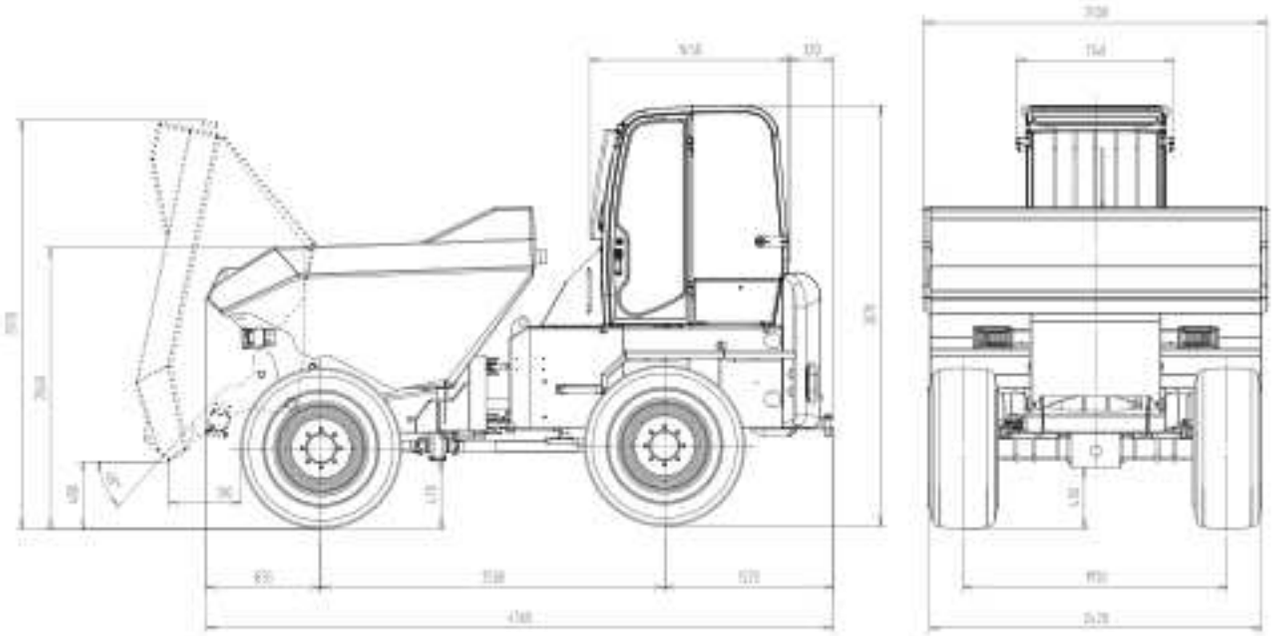


Fig. 5: Machine dimensions (model 6001S with cab)

Main data	Model 10001
Dead weight	5000 kg (11023 lb)
Overall height	3070 mm (10'1")
Overall height with dumped-out skip	2970 mm (9'7")
Overall height without cab	2320 mm (7' 7")
Overall width	2420 mm (7' 11")
Ground clearance	430 mm (1'4")
Wheelbase	2500 mm (8' 2")
Outside turning radius	5500 mm (18'1")
Hill climbing ability	50 % theoretically
Safe authorised inclination	25 % in all drive positions

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3.20 Centre pivot strut

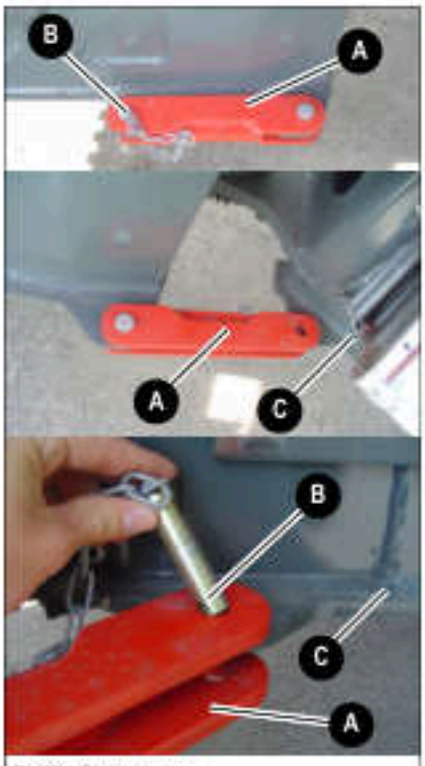


Fig. 35: Centre pivot strut

WARNING

Personal injury hazard. An unlocked articulated joint can cause unexpected machine movement while the machine is being lifted.

☞ Secure the steering ram with the articulated steering locking bar when lifting the machine by the lift points.

The articulated steering locking bar secures the steering ram to prevent steering movements (via the articulated joint) when lifting the dumper.

Procedure to follow:

☞ *Remove the spring plug from pin **B**.*

☞ *Rotate articulated steering locking bar **A** towards rear chassis **C**.*

☞ *Secure articulated steering locking bar **A** with the spring plug on pin **B**.*

Important

Before putting the machine into operation again, mount the centre pivot strut back onto the front chassis again by means of pin **B**.

3.21 Locking the control lever (machines without cab)

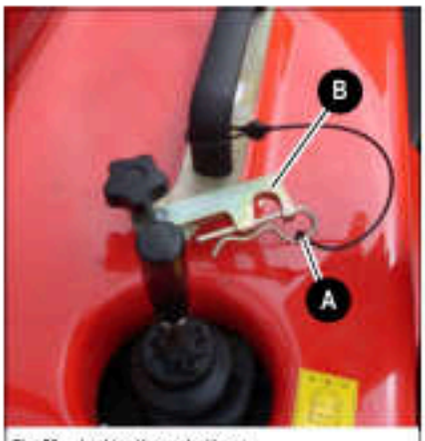


Fig. 36: Locking the control lever

Caution

Personal injury hazard. An unlocked control lever can cause unintentional actuation of the skip.

☞ *Lock the control lever for the skip while driving the machine.*

Lock as follows:

☞ *Remove split pin **A** from lock **B**.*

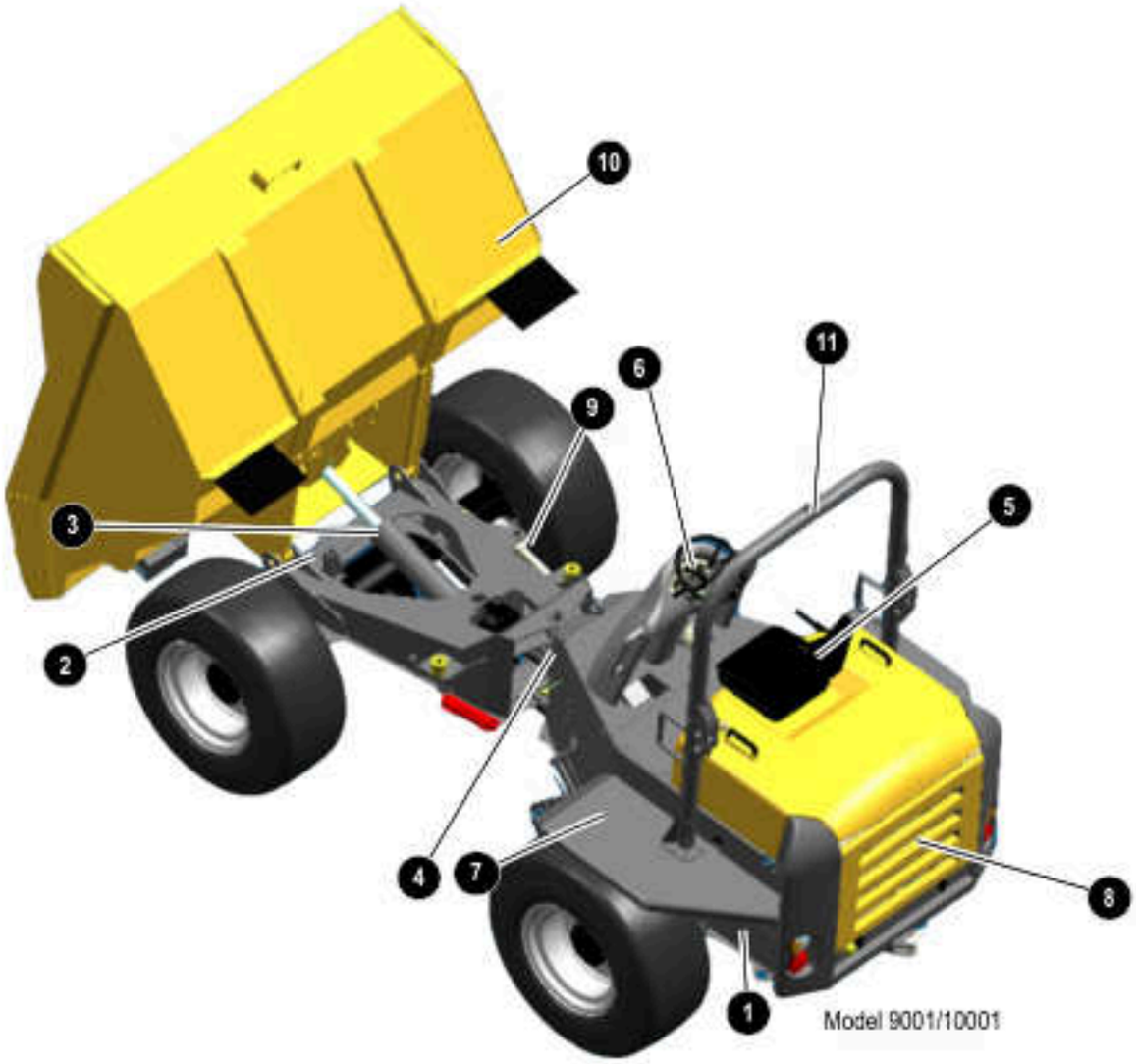
☞ *Fold lock **B** to the front.*

☞ *Insert split pin **A** in lock **B**.*

Unlock in the reverse order!

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3.1 Description of components (machines without cab)



Model 9001/10001

Pos.	Description
1	Rear chassis
2	Front chassis
3	Tilt ram
4	King link
5	Seat
6	Control stand
7	Mudguard
8	Engine cover
9	Steering ram
10	Skip
11	Rollbar

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