Operator's Manual

Dumper

1601



Machine model	1601
Edition	3.0
Language	EN
Item no.	1000150192

WACKER NEUSON

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3.7 Driving the dumper

Preheating start switch: overview

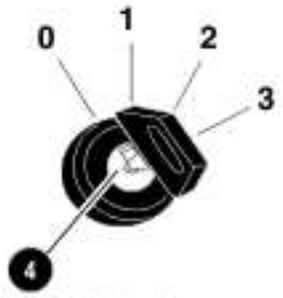


Fig. 23: Preheating start switch

Position	Function	Power consumer
0	Insert or remove the ignition key	None
1	ON/drive position	All functions are operational ➥ Telltales come on
2	Preheats the engine (10 – 15 seconds)	➥ Until the preheating telltale goes out
3	Starts the engine	➥ Starter is actuated ➥ Telltales must go out

Accelerator pedal: overview



Fig. 24: Accelerator pedal

The accelerator pedal controls the revs as follows:

- Speed can be set continuosly with accelerator pedal 25

☞ Press down the accelerator pedal:

➥ Engine speed rises

☞ Reduce the pressure on the accelerator pedal:

➥ Engine speed is reduced

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5.14 Maintenance plan (overview)

Work description

For service and maintenance work on the attachment, please refer to the operation and maintenance manual of the attachment manufacturer as well.

	Maintenance plan/service hours (s/h)					
	Maintenance work (once a day)	Every 50 s/h	Every 500 s/h	Every 1000 s/h once a year	Customer	Authorised workshop
Fluid and filter changes ( ):						
Carry out the following oil and filter changes (check oil levels after test run):						
• Engine oil[1]		●	●			●
• Engine oil filter[2]		●	●			●
• Fuel filter[3]		●	●			●
• Air filter element if fouling indicator is at "Service"					●	
• Coolant				●		●
• Hydraulic oil filter insert[4]		●	●			●
• Hydraulic oil[5]			●	●		●
Inspection work ( ):						
Check the following material. Refill if necessary:						
• Engine oil	●				●	
• Engine coolant	●				●	
• Hydraulic oil	●				●	
Clean water ducts[6]				●		●
Check radiator for engine and hydraulic oil for dirt. Clean if necessary	●				●	
Check cooling systems, heating and hoses for leaks and pressure (visual check)	●				●	
Check the pilot control filter on the main valve block for dirt, clean it if necessary[7]				●		
Air filter (damage)	●				●	
Prefilter with water separator: drain water	●				●	
• Clean			●		●	
Check V-belt condition and tension	●				●	
Check exhaust system for damage and condition	●				●	
Check valve clearance. Adjust if necessary				●		●

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6.14 Dimensions model 1601F

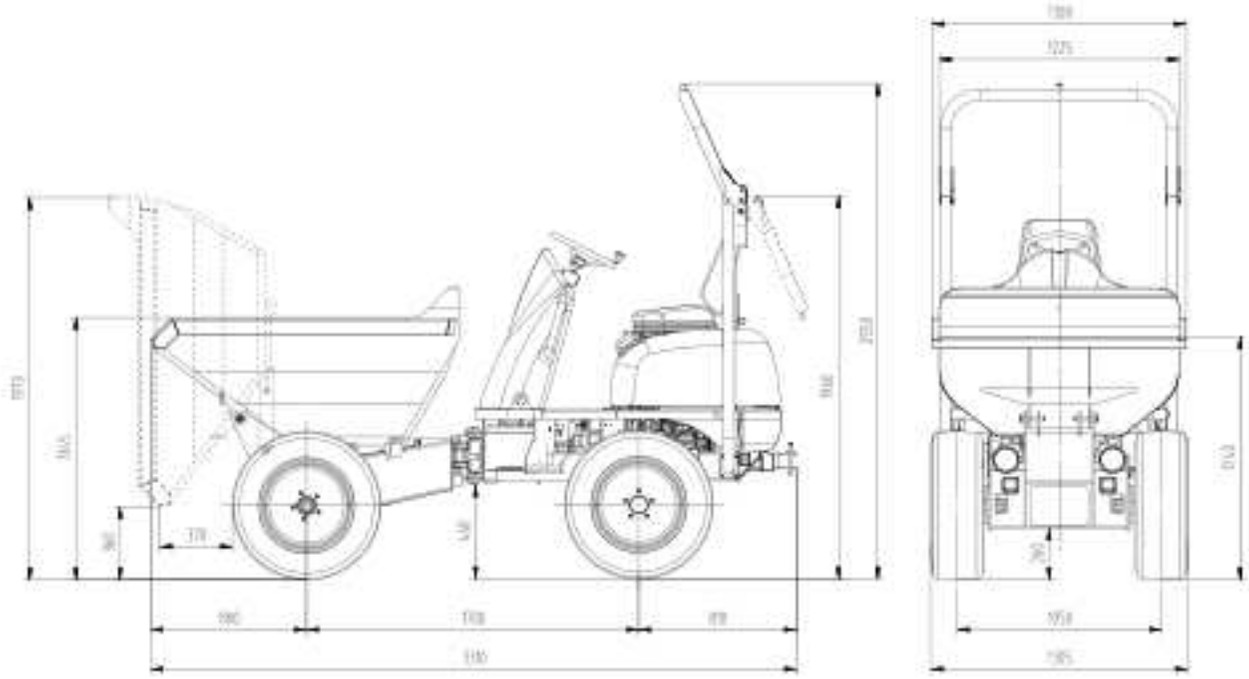
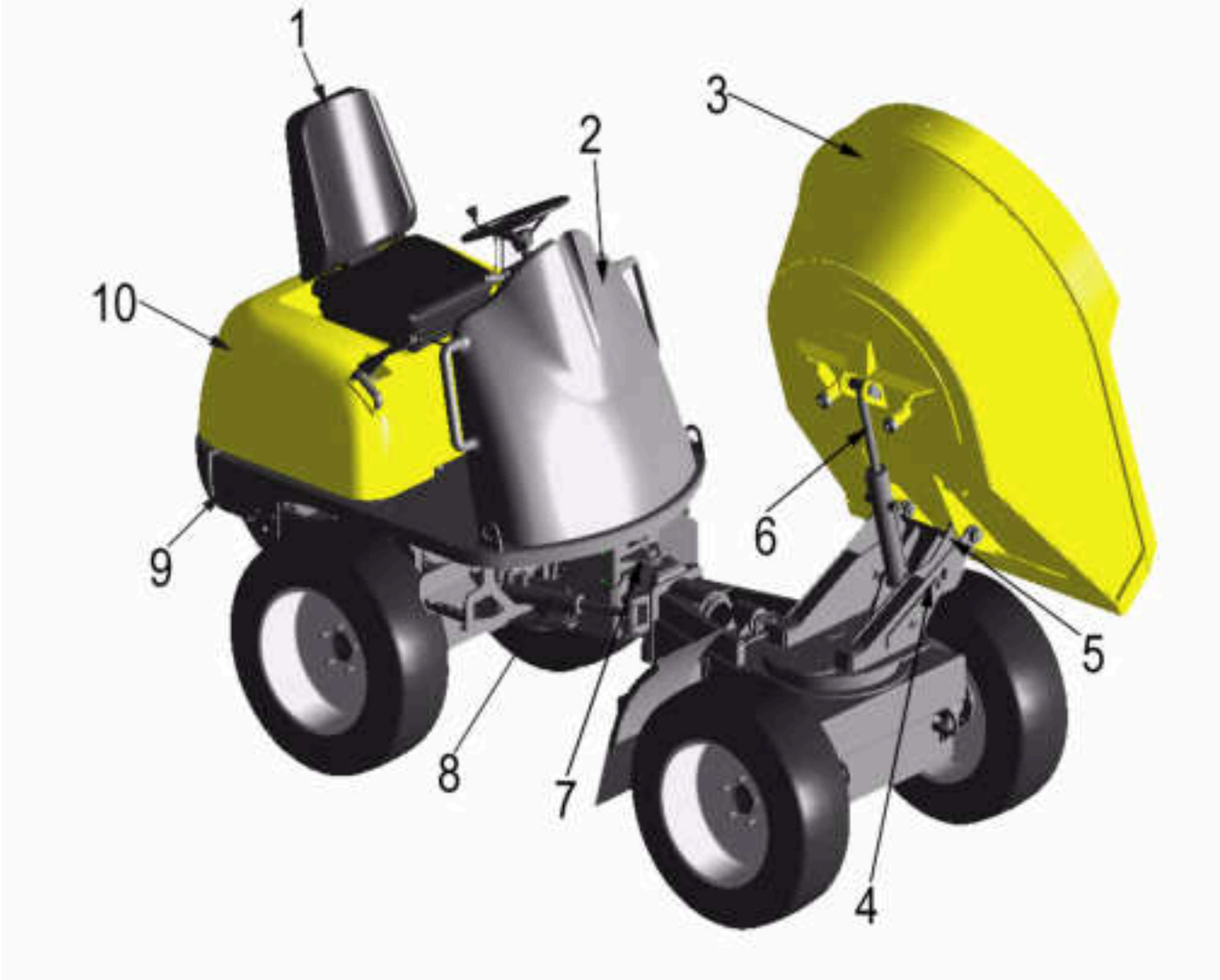


Fig. 49: Machine dimensions (model 1601F)

Main data	Model 1601F
Dead weight	1226 kg
Overall height	2550 mm
Overall height with rollbar folded down	1960 mm
Overall width	1305 mm
Ground clearance	260 mm
Wheelbase	1700 mm
Outside turning radius	3300 mm

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3.2 Description of 1601S components (overview)

Pos.	Description
1	Seat
2	Control stand
3	Skip
4	Swivel centring
5	Swivelling console
6	Tilt ram
7	Articulated joint
8	Steering ram
9	Rear chassis
10	Engine cover

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