Betriebsanleitung
User manual

Dumper
750/1002



Ausgabe/Edition: Februar 2003
Artikel Nr./Spare part No.: 1000102679
Sprache/Language: Deutsch/English

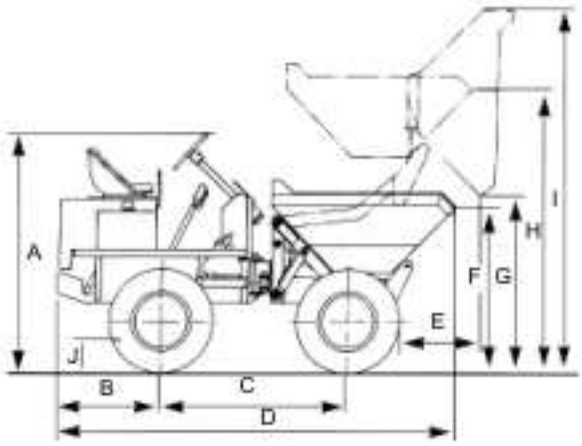
MidWestTech | Wacker Neuson 750, 1002 Dumper Operator's Manual | Publication 1000102679
Order the manual at mid-west-tech.com >

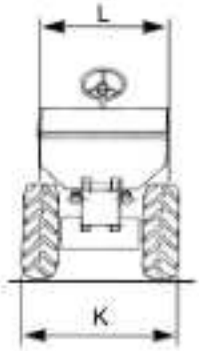
Contents

			page
1	-	Dimensions and technical data	2
	-	Guarantee	3 to 4
	-	Important rules	4
	-	Use	4
	-	Important safety rules for driving and maintenance	4 to 8
	-	Lifting and transport	7 and 15
	-	Labels on the dumper	8 to 10
	-	Operating instruments	11
	-	Start up	12
	-	Driving and operating	12 to 15
	-	Towing	15
	-	Maintenance and care	16 to 18
	-	Electrical diagram	19
2	-	Dumper spare part list	
3	-	Engine operating manual	

MidWestTech | Wacker Neuson 750, 1002 Dumper Operator's Manual | Publication 10... Order the manual at mid-west-tech.com >

Operating Instructions LS 750





Tecnical Data: Measured in mm

A=	Hight on steering wheel	1690
B=	Rear length	620
C=	Wheelbase	1500
D=	Length	2900
E=	Tilt overhang above	375
	Tilt overhang down	480
F=	Loading hight down	1130
G=	Tilt hight above wide / narrow	1580/1140
	Tilt hight above	470

H	=	Max. front hight lifted	2270
		Max. hight lifted	2400
I	=	Max. hight tilted	2900
J	=	Ground clearance	270
K	=	width wide tyres / narrow tyres1	1195/990
L	=	Bucket width	985

Hydraulic hight discharge Dumper with articulated steering

Payload: 750 kg

Bucket: 415 Liter struck
525 Liter heaped
275 Liter water level

Engine: 3-Zylinder YANMAR Diesel engine, 1.006 cm³, 14 kW (19 HP), watercooled, Fuel tank ca. 15 l cyclopack air cleaner, Electric start 12 V battery 40 Ah.

Drive: hydrostatic automotive drive with 4 wheelmotors, electric foward - reverse control, working pressure 260 bar

Tires: wide: 10.00/75 x 15
narrow: 6.00 x 16

Brakes: hydrostatic drive and mechanical handbrake on both rear wheelmotors

Steering: hydrostatical centre-pivot steering with priority valve and emergency steering without engine running

Chassis: articulated tandem frame

Pivot block: for horizontal and vertical articulation

Body: Sheet metal construction, compact design, central seat, easy maintenance by lockable hinged engine canopy, dash board with generator-, glowing-, engine pressure- and engine temperature control lamp, hour meter, horn and ignition

Service hydraulic: gear wheel pump 20 l/min, 150 bar, valve block with 1 lever for lift and 1 lever for tilt, double acting cylinders, return line filter and 2 oil-tanks with 50 Liter capacity

Noise level: Lpa=85 dB(A), Lwa=102 dB(A)

Colour: yellow RAL 1007
chassis black grey RAL 7021

Turning radius outside:
ca. 3.400 mm wide tyres
ca. 3.300 mm narrow tyres

Unlaiden weight: ca. 1040 kg

Climbing ability: 40%
secure gradient to drive 20%
secure across gradient 10%

CE- Certificate

Warranty and guarantee

MidWestTech | Wacker Neuson 750, 1002 Dumper Operator's Manual | Publication 10... Order the manual at mid-west-tech.com >

- The time of warranty is 12 month or 1.000 operating hours, depending on the term reached first.

- Faults have to be registered immediately in writing to the seller. There will be no extension of warranty in case of fault repairs.

- The time of warranty starts by the first operating bat at least 1 month after delivery to the dealer.

- It is condition to the acceptance of a guarantee claim that the vehicle is used and serviced according to the maintenance schedule Specially the first 50 hour service must be done.

- The guarantee claims the repair and change of parts which have the acceptance of the dealer.

- The servicing work to above is considered to be part of normal maintenance and has be carried out under the responsibility and at expense of the purcaser.

- Exclusion of guarantee by following points:

1.) The right to claims under the guarantee ceases in the case of inadequate use, negligence, modification of appliance or non - execution of periodically prescribed maintenance work, or when using equipment or add - on pieces not have been approved by the manufacturer.

2.) Parts being subject of normal wear and tear (e.g. oils and lubricants, filters, injection or fuel pumps, leads, fan belt, battery, electrical or electronic parts of the engine and tyres). Replacement of these parts is considered to be covered by normal maintenance.

3.) Parts damaged by external influences e.g. damage of gasket sets, leads, hoses or electric cables and connections. External influences are following parts like stones, branches tires, damage by contact with the ground or violent damage.

4.) Screws, nuts or fittings loosen by vibrations which were not be tighted or by overtightening.

5.) Problems in the fuel circuit that results from water or other impurities in the injection pump, the nozzles or in the feed pump. Also problems in fact or wrong fuel (summer - winter)

6.) Problems caused by dirty cooler, filters or air intake.

7.) Faults caused by wrong oils, wrong pressure adjustments or by removing of leads.

MidWestTech | Wacker Neuson 750, 1002 Dumper Operator's Manual | Publication 10... Order the manual at mid-west-tech.com >

Operating Instruments of the Dumper

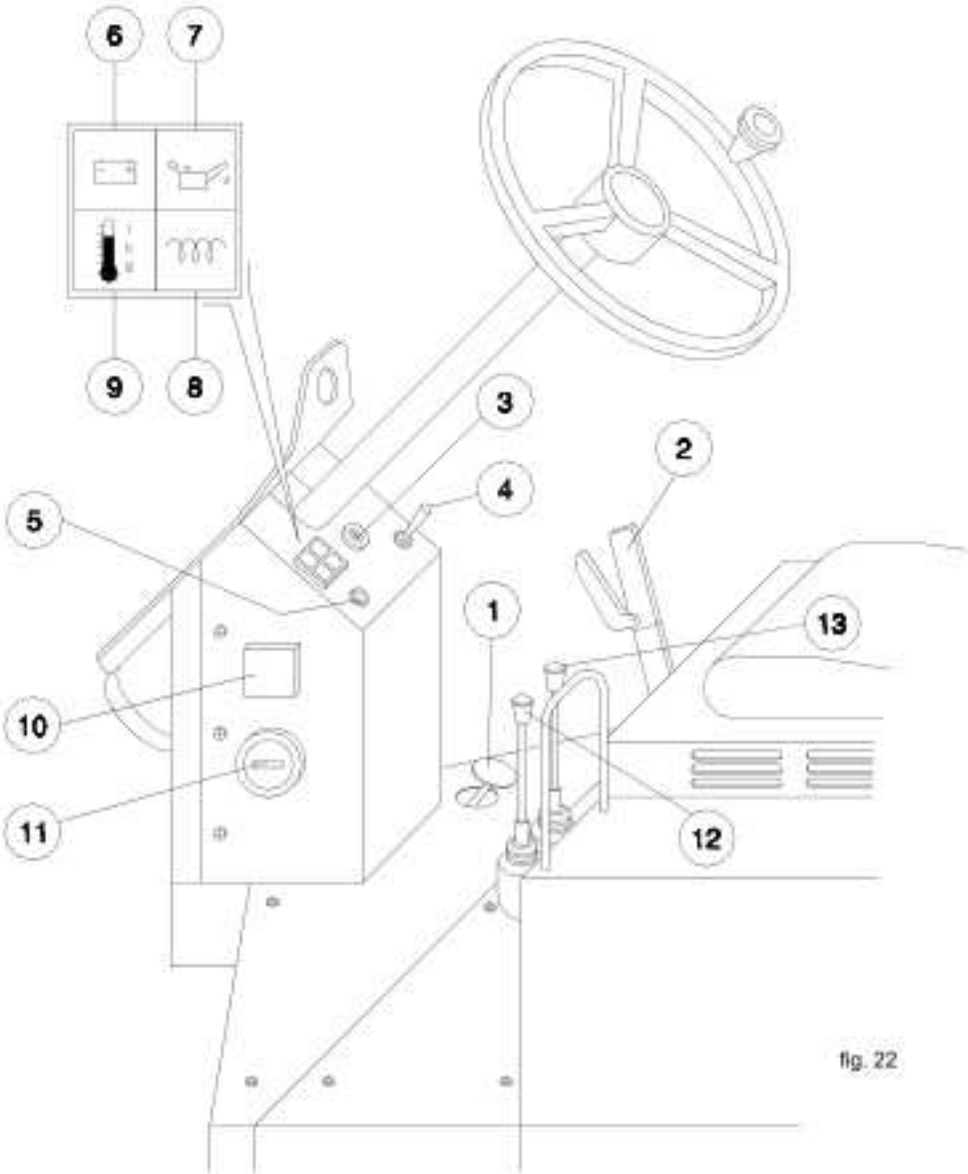


fig. 22

1	accelerator pedal		
2	park and emergency brake		
3	ignition device	I	ignition
		II	glow
		III	start
4	drive direction switch		
5	horn		
6	control-lamp charge		
7	control-lamp oil pressure		
8	control-lamp glow		
9	control-lamp engine oil temperature		
10	fuse box		
	control 20 A		
	stop solenoid 20 A		
	control 7,5 A		
	solenoid valve 7,5 A		
	lamps / horn 7,5 A		
11	hour meter		
12	lever for bucket tilt / lower		
13	lever for bucket lift / lower		

MidWestTech | Wacker Neuson 750, 1002 Dumper Operator's Manual | Publication 10... Order the manual at mid-west-tech.com >

Recommended Lubricants and coolant

Part for Lubricant	Lubricant	Lubricant capacities
engine-oil	BP Vanellus FE APISF-CD + SAE 10W 40	ca. 4 Liter
hydraulicoil	BP Engergol SHF 46	45 Liter
grease points	BP Energrease L 2	after requirement
cooling system	water + freezing coolant	ca. 5 Liter

MidWestTech | Wacker Neuson 750, 1002 Dumper Operator's Manual | Publication 10... Order the manual at mid-west-tech.com >