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ENGINE

Complies with European Directive	97/68 CE - STAGE 3	97/68 CE - STAGE 4F
Max Power	HP - kW 130 - 95,8	HP - kW 126,5 - 93
Regimen adjusted	rpm 2200	rpm 2200
Number of cylinders	4 charged intercooler	4 charged intercooler
Injection	Direct and electronic	Direct and electronic
Intake	Turbo	Turbo
Displacement	cc. 4400	cc. 4400
Cooling	Water	Water
Air filter with double protection	Dry	Dry
Electrical equipment	12 volt	12 volt
Free maintenance battery	180 Ah	180 Ah
Self regulated alternator	1140 W	1140 W
Fuel tank capacity	180 l	180 l
Water radiator	Hydraulic fan	Hydraulic fan

TRANSMISSION

High-pressure, closed-loop hydrostatic transmission, with automatic adjustment of power, axial pistons pump and engine at variable displacement. Inching pedal control for traction regulation, modulating, integrated in the service brake pedal. Automatic working speed selection. N°4 forward and backward speeds: 2 workingspeeds + 2 transfer speeds with electronic controls at the joystick.

SPEED

		1 st	2 nd automatic
Working speed (with 17,5 R25 tyres)			
Forwards	Km/h	0 ÷ 4	0 ÷ 13
Backwards	Km/h	0 ÷ 4	0 ÷ 13
Travel speed (with 17,5 R25 tyres)			
Forwards	Km/h	0 ÷ 11	0 ÷ 40
Backwards	Km/h	0 ÷ 11	0 ÷ 40

AXLES

With epicycloid reduction on all four driving wheels, with automatic proportional self-locking differentials (or 100% opt.)

Front axle:	rigid
Rear axle:	rigid oscillating of a 25° total range steering.

BRAKES

Duty brakes:	with hydraulic control on all four wheels at multiple disks under oil bath integrated in the axels, with 2 independent circuits.
Parking brakes:	electro-hydraulic automatic negative brake, acting on the front and rear axles.

HYDRAULIC SYSTEM

Composed by: hydraulic gear pump, modular distributor with main relief valve, double pump + fan-drive, shock-proof, anticavitation valve and unloading valve for the secondary pump discharge. Pressurised circuit.

Max pump capacity:	134 l
Max pump pressure:	250 Kg/cm ²
Loader lifting cylinder:	Bore x Stroke 100 x 700 mm
Loader bucket cylinder:	Bore x Stroke 120 x 460 mm
Oil tank capacity:	80 l
Heat exchanger:	hydraulic fan

STEERING

Servoassisted, with hydroguide and articulated chassis. Total steering angle of 80°. The hydraulic system is "Load Sensing" equipped with valve on the primary pump.

TYRES

Standard:	17,5 - 25
Optional:	15,5 x 25 radial
Optional:	500/70 R24 radial
Optional:	15,5 - 25
Optional:	17,5 R25 radial
Other models on request.	

LOADER

Single hydraulic servo control lever for arm and bucket.
Electronic bucket floating and levelling "Z" boom kinematics.

DIMENSIONS

Wheelbase	2750 mm
Front and rear track width	1800 mm
External tyres width	(with 17,5 x 25) 2260 mm

STANDARD EQUIPMENT

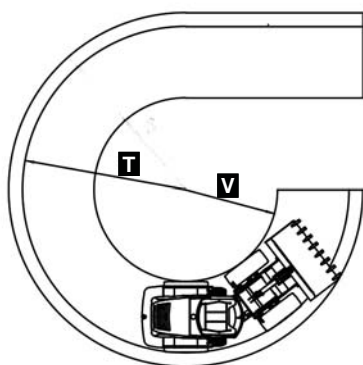
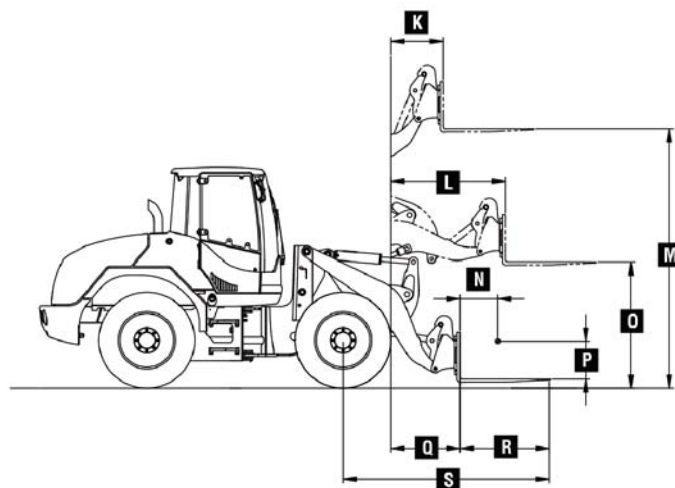
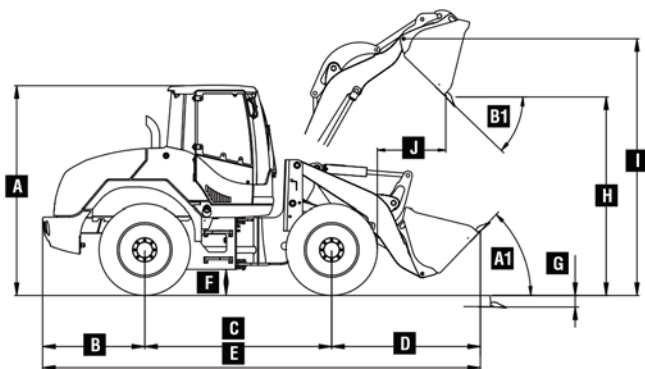
- Loader servo control
- Automatic proportional self-locking differential on front axle
- Inching control on brake pedal (transmission speed regulations)
- Antipollution tank plug
- Bucket with screwed teeth
- Reverse motion alarm
- Battery disconnecting switch
- Front and rear work lights
- Rotating lamp with magnetic fixing
- Shock absorbing and regulating "Deluxe" seat, with safety belt
- Regulating steering wheel
- Bucket electronic levelling
- Floating system
- Fan drive with two speed
- Heating plant
- Air filter in aspiration from outside
- Rotoform front mudguards
- Tool box
- Use and maintenance manual, spare parts catalogue
- Accessories for road circulation
- Italian road homologation for daily and night circulation
- CE Certification

OPTIONAL EQUIPMENT

- 100% differential locking on rear axle
- Hydraulic quick bucket connection
- Universal forks
- Enlarged bucket
- Extra enlarged bucket for light material
- Enlarged bucket for light material having higher unloading
- 4:1 multipurpose bucket
- Paper and branches grab
- Bucket with side unloading
- Mixer bucket
- Wood grab
- Snow blade or snow plough
- Front rotating brush with bucket
- Teeth blade
- Asphalt concrete milling
- Inching control manually operated
- Electronic weighting system
- Air conditioning
- Radio
- Theft protection
- Ride control
- Fan drive with electronic reverse
- Video camera
- Pneumatic seat

For other accessories and equipment for characteristics and dimension, please see the "equipment catalogue".

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Data with universal forks Centre of gravity 500 mm	STD.	XL
Operative load EN 474-3 (80%) kg	3900	4108
Operative load EN 474-3 (60%) kg	2925	3081

Date according to bucket type PL 195 with 17,5 x 25 tyres	STD.	PL 195 XL	ENLARGED	EXTRA ENLARGED	4:1	HIGHER UNLOADING	LONG BOOM WITH STANDARD BUCKET
Capacity heaped m ³	1,6	1,7	2,0	2,2	1,5	3,0	1,6
Material density kg/m ³	1800	1800	1500	1200	1900	800	1800
Tipping load with aligned machine (ISO 14397) kg	7185	7482	6978	7404	7095	7110	6364
Tipping load in max articulated position (40°) (ISO 14397) kg	6416	6681	6231	6612	6335	6350	5682
Lifting capacity at max height At ground level kN	45,40 96,05	44,90	44,90	43,55	44,90	39,58	40,00
Breakout force kN	93,90	93,90	93,90	77,65	93,90	55,83	89,86
E total length mm	6280	6280	6280	6420	6280	6744	6727
Bucket width mm	2400	2450	2450	2450	2400	2500	2400
Rotation diameter mm	11425	11470	11470	11582	11425	11900	11800
G digging depth mm	100	100	100	100	100	110	250
H dump height 45° mm	2948	2948	2948	2816	2948	4452	3255
D front outreach mm	2210	2210	2210	2350	2210	2674	2657
J reach at max height mm	1026	1026	1026	1163	1026	1450	1284
Height at pin mm	/	/	/	/	/	4770	4100
Operating weight kg	9210	9560	9310	9700	9260	9800	9710
Weight with hydraulic quick bucket connection kg	9360	9710	9460	9850	9410	9950	9860

PL 195 17,5 x 25 tyres	
A	2890 mm
B	1320 mm
C	2750 mm
F	400 mm
A1	45°
B1	45°
I	3793 mm
K	767 mm
L	1680 mm
M	3658 mm
N	500 mm
P	500 mm
Q	995 mm
R	1200 mm
S	2865 mm
T	5235 mm
O	1705 mm
V	2904 mm

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