

## ENGINE

Power adjusted	ISO 14396	HP - KW	130 (95,8)
Regimen adjusted		rpm	2500
Numbers of cylinders			4
Injection		Direct and electronic	
Intake		Turbo charged intercooler	
Displacement		cc.	4400
Cooling		water	
Air filter with double protection		dry	
Electrical equipment		volt	12
Free maintenance battery		Ah	132
Self regulated alternator		W	1140
Fuel tank capacity		l	150
Water radiator		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 working speeds + 2 transfer speeds with electric controls at the joystick

## SPEED

		1 <sup>st</sup>	2 <sup>nd</sup> 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 epicycloids reduction on all four driving wheels.

Front axle:	rigid with automatic proportional self-locking differential.
Rear axle:	oscillating of a 25° total range steering and automatic proportional self-locking differential.

## BRAKES

Duty brakes:	with hydraulic control on all four wheels at multiple disks under oil bath integrated in the axles, 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	134l
Max pump pressure	240 kg/cm <sup>2</sup>
Loader lifting cylinder	Bore x Stroke 100x700 mm
Loader bucket cylinder	Bore x Stroke 120x490 mm
Oil tank capacity	80l
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:	driving type	15,5 x 25
Optional:		345/70R24 radial
Optional:		15.5 R25 radial
Optional:		17.5 R25 radial
Other models on request.		

## LOADER

Single electronic servo control lever for arm and bucket.  
Electronic bucket levelling and electronic parallelism with forks.  
Telescopic boom, with 1050 mm extension

## DIMENSIONS

Wheelbase	2750 mm
Front and rear track width	1800 mm
External tyres width	(with 15.5 x 25 ) 2204 mm

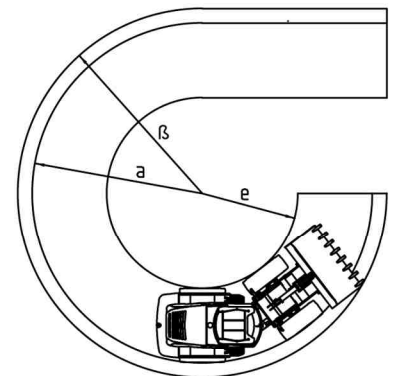
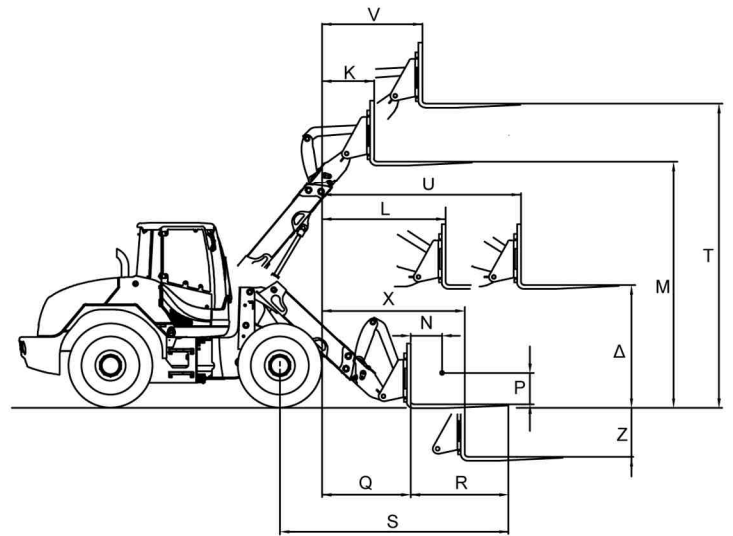
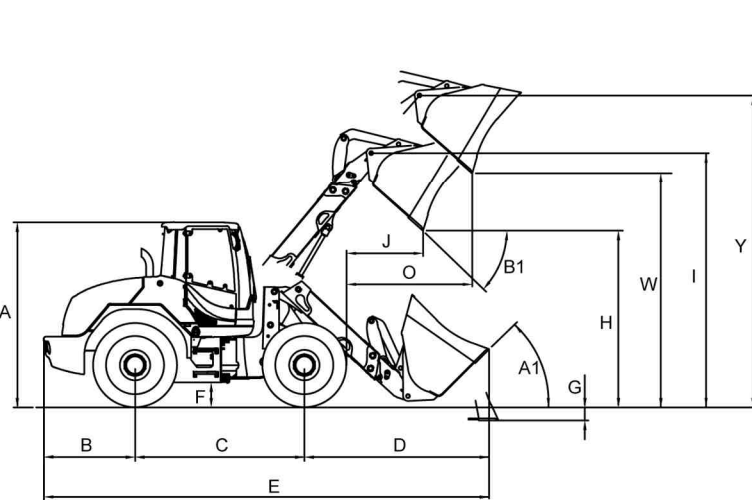
## STANDARD EQUIPMENT

- > Loader servo control
- > Automatic proportional self-locking differential on front and rear axle
- > Inching control on brake pedal (transmission speed regulation)
- > Antipollution tank plugs
- > 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
- > 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

- > 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
- > Floating element

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



Date according to bucket type PT 182 with 15,5 X 25 tyres	STD.	ENLARGED	EXTRA ENLARGED	4 : 1	
Capacity heaped	m <sup>3</sup>	1,40	1,6	2,0	1,30
Material density	kg/m <sup>3</sup>	1800	1500	1200	1800
Tipping load with aligned machine (ISO 14397) retracted boom	kg	5202	5100	4988	5195
Tipping load in max articulated position (40°) (ISO 14397) retracted	kg	4747	4655	4553	4740
Tipping load with aligned machine (ISO 14397) extended boom	kg	3140	3070	2983	3130
Tipping load in max articulated position (40°) (ISO 14397) extended	kg	2866	2801	2722	2850
Lifting capacity at max height retracted boom	kN	41,50	40,50	38,00	41,30
Lifting capacity at max height extended boom	kN	28,26	27,26	25,76	28,10
Breakout force	kN	83,15	79,00	68,67	83,15
E Total length	mm	6705	6735	6810	6705
Bucket width	mm	2350	2400	2400	2350
Rotation diameter	mm	11560	11610	11750	11560
G Digging depth	mm	172	172	172	172
H Dump height 45° retracted	mm	3106	3073	2974	3125
W Dump height 45° extended	mm	3855	3822	3722	3875
J Reach at max height retracted	mm	1002	1039	1152	980
O Reach at max height extended	mm	1815	1853	1965	1765
Operating weight	kg	8700	8800	9000	8750

PT 182 15,5 X 25 tyres	
A	2860 mm
B	1320 mm
C	2750 mm
F	365 mm
e	2830 mm
β	5165 mm
I	3987 mm
Y	4791 mm
K	854 mm
L	2000 mm
M	3777 mm
N	500 mm
P	500 mm
Q	1440 mm
R	1200 mm
S	3275 mm
T	4581 mm
U	3050 mm
V	1528 mm
Z	814 mm
X	2207 mm
a	1802 mm

Data with universal forks Centre of gravity 500 mm	
Operative load with retracted forks EN 474-3 (80%)	kg 3040
Operative load with retracted forks EN 474-3 (60%)	kg 2280
Operative load with extended forks EN 474-3 (80%)	kg 2228
Operative load with extended forks EN 474-3 (60%)	kg 1671

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