

LOADER

24.15



officine
PICCINI®

LOADER

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ENGINE

Complies with European Directive	97/68 CE - STAGE 3
Model	Perkins 1104D - 44TA
Max. power ISO TR14396	HP - kW 124 - 91
Regimen adjusted	rpm 2200
Power adjusted CEE 80/1269	HP - kW 118 - 87
Power adjusted ISO 9249	HP - kW 118 - 97
Number of cylinders – injection	4 - direct
Intake	Turbo feeded intercooler
Displacement	cc. 4400
Cooling	water
Air filter with double protection	dry
Electrical equipment	volt 12
Free maintenance battery	Ah 105
Self regulated alternator	W 1020
Fuel tank capacity	l 130

TRANSMISSION

Hydrostatic transmission at closed circuit, with automatic adjustment of power, axial pistons pump and engine at variable displacement Inching pedal control.

Automatic selection of working speed.

2 forward and 2 backward speeds, electrical control on the steering wheel and on the joystick.

SPEED

		1st	2 nd automatic
Forwards	Km/h	0 ÷ 9	0 ÷ 35
Backwards	Km/h	0 ÷ 9	0 ÷ 35

AXLES

With epicycloid reduction gears 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 and servo-brake, auto-registrating multiple disks under oil bath.
Parking brakes:	manually operated, multiple disks under oil bath.

HYDRAULIC SYSTEM

Composed by: hydraulic gear pump, modular distributor with principal shockproof and anticavitation valve. Pressurised circuit.

Max. pump capacity	95 l
Max. pump pressure	225 Kg/cm ²
Loader lifting cylinder	Bore x Stroke 95 x 675 mm
Loader bucket cylinder	Bore x Stroke 110 x 400 mm
Hydraulic cycle time	10"
Oil tank capacity, circuit included	130 Kg

STEERING

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

Steering radius interior tyres	2600 mm
Steering radius exterior tyres	4830 mm
Steering radius exterior bucket	5350 mm

TYRES

Standard:	driving type	17,5 x 25 radial
Optional:	narrow type	15,5 x 25 radial
Optional:	wide type	500/70 R24 radial
Other models on request.		

LOADER

Single servocontrol lever for arm and bucket. Floating element and electronic leveling of the bucket. "Z" boom kinematism.

Standard bucket capacity	1,50 m ³
Standard bucket width	2400 mm
Breakout force	8150 kg
Lifting capacity at max height	3750 kg

DIMENSIONS AND WEIGHTS

Wheelbase	2650 mm
Front and rear track width	1790 mm
External tyres width	2230 mm
Bucket pin height	3600 mm
Unloading distance	900 mm
Standard operating weight	7800 kg
Max operating weight	8300 kg

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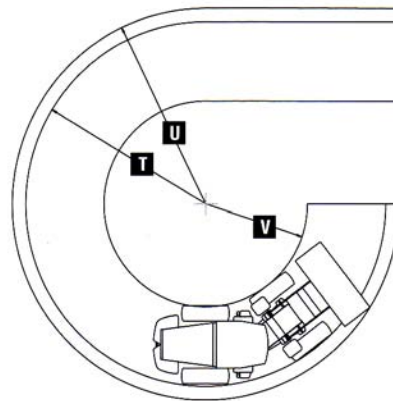
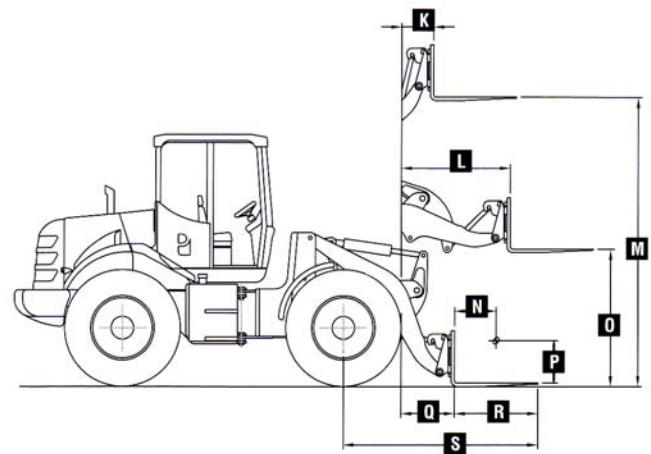
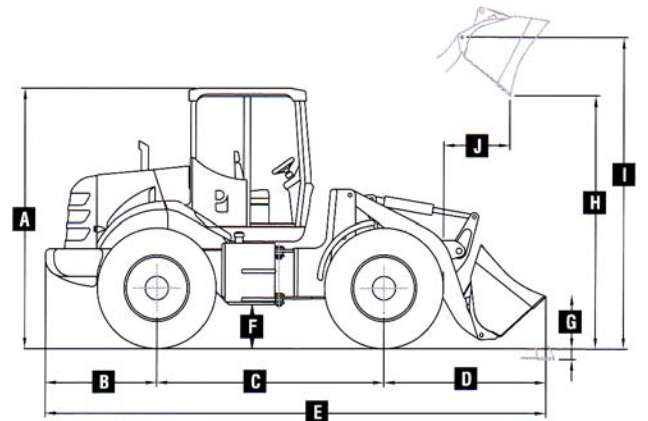
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STANDARD EQUIPMENT

- > Loader servocontrol.
- > Automatic proportional self locking differential on front and rear axle.
- > Inching pedal control (transmission speed regulation).
- > Hydraulic servobrake.
- > 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 type" seat with safety belt.
- > Regulating steering wheel.
- > Electronic bucket leveling.
- > Floating element.
- > Heating plant.
- > Air filter in aspiration from outside.
- > Rotoform roof for cabin protection.
- > Front mudguards in rotoform.
- > Unified key for lock and starting.
- > Tool box.
- > Use and maintenance manual, spare parts catalogue.
- > Accessories for road circulation.
- > 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 sidely unloading.
- > Mixer bucket.
- > Wood grab.
- > Snow blade or snow plough.
- > Front rotating brush.
- > Teeth blade.
- > Asphalt concrete milling.
- > Air filter with top spin.
- > Electric brake on inch pedal.
- > Electronic weighing system.
- > Air conditioning.
- > Theft protection.
- > Radio.
- > Long arm.
- > Ride control.
- > Eco-Drive gear, 4 speeds forward and 2 reverse.



OPERATIVE DATA

Tipping load with aligned machine Kg 6400
Tipping load in max articulated position Kg 5500

Operative load with forks EN 474-3 (80%) Kg 4000
Operative load with forks EN 474-3 (60%) Kg 3000

A	mm 2980	H	mm 2900	K	mm 475	R	mm 1000	T	mm 4830
B	mm 1415	I	mm 3600	L	mm 1400	S	mm 2400	U	mm 5350
C	mm 2650	J	mm 900	M	mm 3450			V	mm 2600
D	mm 1950			N	mm 500				
E	mm 6015			O	mm 1600				
F	mm 500			P	mm 500				
G	mm 100			Q	mm 740				

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S.S. Trasimeno Ovest 161/c
06132 Perugia - Italy
Tel. +39 075 51801 - Fax +39 075 5179166
Web Site: www.officinepiccini.it
E-Mail: info@officinepiccini.it

Sales Italy
Assistance
Export Sales
Service

075 5180239
075 5180221
+39 075 5180240
+39 075 5180221