



#### Loading bucket (kg)

Static tipping load, full turn	5.300
Payload (50%)	2.650

#### Loading fork (kg) - centre of gravity 500 mm

Static tipping load, full turn	4.300
Payload EN 474-3 (80%)	3.500
Payload EN 474-3 (60%)	2.600
Payload DIN 24094 (50%)	2.150



UP372C (2004)



AZIENDA CON SISTEMA QUALITÀ  
CERTIFICATO DA DNV  
= UNI EN ISO 9001/2000 =

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**VENIERI** S.p.A.

**ENG**



- > **Max power 117 cv**
- > **Bucket capacity 1,5÷1,8 m<sup>3</sup>**
- > **Max operative weight 8800 Kg**
- > **Hydrostatic transmission**
- > **4 wheels drive**



#### Standard equipment

- Acoustic warnings
- 1,5 m<sup>3</sup> bucket with bolted teeth
- ROPS/FOPS cab with heater, pressurizer recirculating fan, with front and rear windscreen wiper and windshield washer
- Complete instrument board
- Draw bar hook
- Limited slip differential on the front axle
- Fully adjustable seat
- Operation and maintenance manual
- Plugs with keys for fuel and hydraulic tanks
- Safety clamp for lifting cylinders
- Seat belt
- Side rearview mirrors
- Servocontrols
- Soundproofing
- Spare parts catalogue
- Tool box
- Visual index for bucket position
- Working lights
- Yellow rotating and overtuning beacon

**Yesterday,  
today  
and  
tomorrow.**

#### > ENGINE

Engine: 4 cylinder, turbo-charged, direct injection diesel engine, water cooled, paper dry filter.  
Emissioned according to CEE 97/68.

Type	Perkins 1104 C - 44T
Max power	86 kW - 117 CV
Rated rpm	2200
Net power ISO/TR 14396	75 kW - 102 CV
Net power EEC/ 80/1269	75 kW - 102 CV
Bore mm	105
Stroke mm	127
Displacement cm <sup>3</sup>	4400

#### > ELECTRIC SYSTEM

Battery	12 Volt
Capacity EN 60095-1	100 Ah - 1080 A
Alternator rating	65 A
Reverse warning	Standard
Wiring according with	IP 67 - DIN 40050

#### > TRANSMISSION

Hydrostatic transmission with automatic power regulation and closed circuit with variable displacement pump and two motors. Four forward/reverse speeds with single lever control.

		forward	reverse
1 <sup>st</sup> gear	km/h	07	07
2 <sup>nd</sup> gear	km/h	014	014 (Automatic gearshift)
3 <sup>rd</sup> gear	km/h	016	016
4 <sup>th</sup> gear	km/h	034	034 (Automatic gearshift)

#### > AXLES

Two heavy duty equal size axles with planetary final drives in each wheel  
Fixed rigid drive axle on front chassis section .  
Oscillating drive axle on rear chassis section up to a total angle of 25.  
Transfer gearbox transferring movement directly to the rear and to the front axle via a transmission shaft.  
Self locking limited slip differential on front axle .  
Self locking limited slip differential on rear axle (optional).

#### > BRAKES

Service: hydraulic multi-disc oil brake on each wheel.  
Parking: mechanical brake on the gearbox output, manually actuated.

#### > TYRES

Standard	15.5 - 25
Option	15.5 R 25 - 17.5 R 25 - 405/80 R 25

#### > STEERING

Servo-assisted steering LOAD SENSING system.

Total steering angle	80
Inner tyres turning radius mm	2675
Outer tyres turning radius mm	4875
Outer bucket turning radius mm	5350

#### > HYDRAULIC SYSTEM

Two hydraulic gear pumps, the first for the loader circuit and the second for the steering.  
Modular two-element control valve with main relief valve.  
Double acting hydraulic cylinders .  
Hydraulic cooling radiator.  
Full-flow oil filter on the leakage pipe.  
Single servo-lever arm control with 4 position lifting system and with 3 position bucket system.

Max flow	lt/1'	112
Loader relief valve pressure	bar	230
Steering relief valve pressure	bar	175
Lift cylinders	mm	95 x 660
Bucket cylinder	mm	120 x 420
Cycle time	sec	9.2

#### > SERVICES CAPACITIES

Engine	kg	9
Gearbox	kg	1,5
Differential	kg	3,5
Planetary final drive	kg	2
Hydraulic circuit	kg	120
Brake system	kg	0,1
Fuel	lt	120
Water cooling	lt	20

#### > TECHNICAL FEATURES

Standard bucket capacity	m <sup>3</sup>	1,5
Bucket width	mm	2350
Static tipping load:		
Straight	kg	5800
Full turn (40)	kg	5300
Lifting capacity at max height	kg	3000
Dump clearance	mm	3600
Dump height at 44	mm	2850
Reach at 44	mm	950
Breakout force	kg	8400

#### > DIMENSIONS AND WEIGHTS

Max length in transfer position	mm	6000
Max width in transfer position	mm	2350
Track	mm	1760
Tracks width	mm	2164
Ground clearance	mm	475
Standard operating weight	kg	8200
Max operating weight	kg	8800

