



**VENIERI**  
SPA

**11.63**  
**12.63**  
**13.63**

**WHEEL LOADERS**



# AWARE TO BE DIFFERENT.

- Expect more than you could imagine! The new VF Venieri range faces the market with new models and its ever green reliability. Perfect balancing and top performances, Venieri wheel loaders are thoroughbred horses designed by professionals for professionals of earth moving sector.
- The brand new machines – both parallel and “Z” linkage – represent a significant improvement compared to the already existing high quality standards of a top performed range, thanks to the evolution of projects widely tested and suitable to the new market requirements.
- New Perkins engines meeting the Tier3 specifications, new design for cabins, new front lifting kinematics, high bucket capacity: the new range owns the right skills to draw your attention, running easily all kinds of ground and facing all kinds of work with perfect efficiency and precision: building, roads and piping, earth moving, green areas, etc.
- In the worst conditions Venieri technology makes the difference: steep slopes, rough terrains, unfavourable external temperatures, constant and violent impacts. VF 11.63, 12.63 and 13.63 own agility and breakaway, excellent breakout force and traction effort, assuring productivity and safety without penalising consumptions.
- In the “Motor Valley” – where fabulous cars and top performing motorbikes rise – Venieri developed ability and know how for a wheel loaders and backhoe loaders range without comparisons. Machines able to give invincible performances, without stress for the operator, assured safety and respect for the environment. All Venieri customers are aware about that and they would never change their choice.





**PARALLEL OR "Z" LINKAGE**

**NEW PERKINS ENGINES  
6 CYLINDERS TURBO INTERCOOLER**

**BOSCH REXROTH  
HYDROSTATIC TRANSMISSION**

**NEGATIVE HYDRAULIC  
PARKING BRAKE**

**MULTIPURPOSE JOYSTICK**

**COMFORTABLE AND ERGONOMIC  
DRIVER SEAT**

**TOP PERFORMING TIER3**

**RESPECT FOR THE ENVIRONMENT  
AND LOW CONSUMPTION**

### **11.63**

Z-linkage  
Max power 150 HP  
Bucket capacity 2,2 - 3,0 m<sup>3</sup>  
Max operative weight 13.300 kg

### **12.63**

Parallel linkage  
Max power 150 HP  
Schaufelinhalt 2,2 - 3,0 m<sup>3</sup>  
Max operative weight 13.500 kg

### **13.63**

Z-linkage  
Max power 177 HP  
Bucket capacity 2,7 - 3,5 m<sup>3</sup>  
Max operative weight 14.600 kg

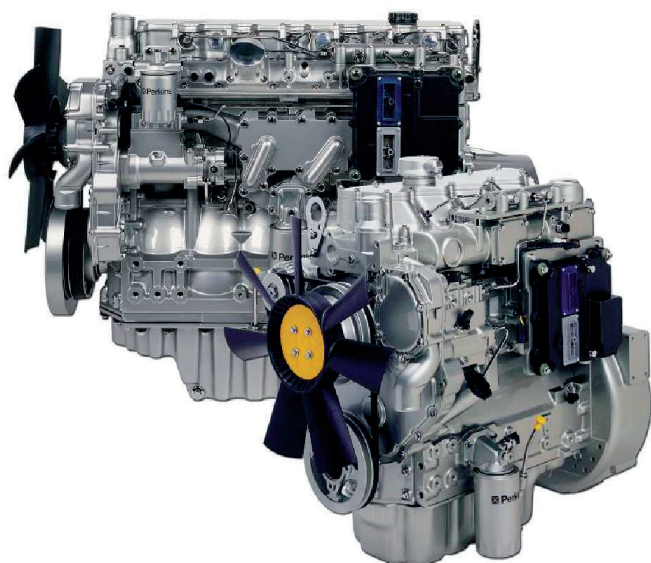




## PERFECT WEIGHT BALANCING BASED ON A GREAT STABILITY

The key words are “**stability**” and “**traction**”.  
The machine unloaded weight is distributed for a 40% on the rigid front axle and for a 60% on the oscillating rear one.  
With the machine fully loaded, the weight distribution is inverted in order to achieve the **best possible balancing** and assures – together with the two proportional self-lock differentials – a grip without comparison in any situation.

The compact engine, placed in the middle of the chassis, lowers the load centre and reduces the machine dimension.



## NEW GENERATION PERKINS ENGINES 1106D

The range is equipped with the **new Perkins engines** 6 cylinder direct injection, turbo wastegate and water cooling: a singular pearl as for power and reliability with no equals on the market.

In line with **Tier3** specifications, these engines are capable to develop a **traction effort** among the most powerful.

Power, torque and reduced noise are winning features: with the maximum torque at 1.400 r.p.m. and maximum power at 1.800 r.p.m., the transmission can provide the **highest engine efficiency**, in the safest conditions, **without reaching the maximum r.p.m.**

**Perkins 1106-D** is a hybrid engine, also supplied by kerosene\*, plane fuel and 20% bio diesel.

\*see Perkins list indicating all the available types of kerosene



SUCCESS  
DEPENDS ON  
PERFORMANCES  
PERFORMANCES?  
DEPENDS ON  
PERFORMANCES??

## TESTED TRANSMISSION, UP TO 30% FUEL CONSUMPTION REDUCTION, LESS TYRES AND BRAKES WEAR

The range has a **hydrostatic transmission Bosch Rexroth** – made according Venieri requirements – representing the last evolution of a project born in 1968, when the company of Lugo was the first in the world to choose this solution for the earth moving machines. Nowadays this system continues to be efficient, moreover it has been improving performances since its origins.

It is very easy to discharge the engine power on the 4 wheel steering. Moreover, **the integration between engine and hydrostatic transmission can reduce fuel consumption up to a 30%** (according to its use): one third more of saved fuel than the traditional wheel loaders.

Hydraulic transmission promptly and precisely manages changes of direction, makes possible micrometric distances and adjusts speed selection as the occasion requires. The traction effort and the speed of the machine take step by step – automatically and in the real time – the optimal configuration; **the wheel slipping and the tyres wear are limited up to a 25%.**

## ADAPTABLE TO A WIDE RANGE OF EQUIPMENTS

Together with **the quick coupler Venieri**, both linkage (**parallel** for the industrial works, **“Z”** for the earth moving sector) allow a **consistent productive flexibility**. Due to a deep-rooted know how, Venieri is able to provide **different solutions and personal contribution** responding to all kind of work.

Quick and efficient operations for the **highest productivity**.

MAXIMUM  
RELIABILITY ●

GREAT  
FLEXIBILITY ●

LOW  
MAINTENANCE  
COSTS ●





## THE BEST, SIMPLY.

Venieri converts three precise project choices into a competitive advantage: the solidity of the **new Perkins engines, a hydraulic system improved in technology** and the **hydrostatic transmission**. In addition, last but not least, a chassis providing the best performances, holding the strongest impact and assuring the lowest load centre.

No use of electronic components in order to achieve the **maximum reliability**: Venieri wheel loaders can work without distinction in a  $-25^{\circ}$  environment or in a  $+50^{\circ}$  and over ( imagine their performance in standard conditions! ). Anywhere you have a breakdown – from Arabic Peninsula to Siberia – a good mechanic and a basic equipment is enough to start again the machine.

The choice to do not use electronic components (the only exception is the electronic engine box allowing a high safety level in all workable conditions ) avoids the risk the machine would stop for long periods: the lack of microchips does not involve temperature ranges and violent impacts, and does not require specialised service.

Venieri wheel loaders, instead, need a **simple and cheap maintenance, and spare parts are easily available**. All the components and tool kit are subjected to **detailed quality supervisions**: all spare parts have a long lasting manufacture, but can be easily replaced in case of need.

The **hydraulic system** is equipped with two independent pumps: variable displacement with “unloading valve” for the front loader circuit the first one, and gear pump for the steering circuit with priority valve the second, reaching an excellent turning radius ( $80^{\circ}$ ). Even though the self braking transmission gives to the service brake a supporting role, VF wheel loaders are equipped with efficient **multidisc oil brake acting on the 4 wheels**. If constantly stressed, they will last for ever.

Parts subjected to both ordinary and exceptional maintenance are very easy to get and in the safest conditions to operate without troubles.

The engine ultramodern assembly lines of **Perkins** together with the strict supervisions on the productive process guarantee the highest standard of quality: no comparison with the old two valve.

## THE QUALITY OF RELIABILITY

RELIABILITY  
OF

IMPROVED  
HYDRAULICS

MINIMUM  
BRAKE WEAR  
AND MECHANICAL  
PARTS

EASY  
MAINTENANCE

PERKINS  
WORLDWIDE  
CUSTOMER CARE





## WIDE SPACE AND VISIBILITY INSIDE THE CABIN

Let's go on board the cabin to realize **comfort and wide working space**, with all the controls easily reachable and correctly placed, **excellent visibility** to any direction – above all to the bucket – and **very good soundproofing**.



## IMPROVED AND ERGONOMIC CABIN DESIGN

The driving seat and the steering-column are **adjustable**, allowing to the operator to find the best position and to keep it for a long time. The **big windows** increase the perception of the inside space. The **dashboard instrument is simple to use and functional**. The analogical indicators provide all the parameters and the machine status, which can be driven easily.

**Low noise** and **limited vibration** thanks to the **continuously variable transmission** without stopping the traction effort.

Moreover, **standard air conditioning, radio player and bluetooth**: such working environment allows the operator to work all day long in no stress condition.

## AUTOMOTIVE INSPIRED COMFORT

## CONTINUOUSLY VARIABLE TRANSMISSION RELATED TO TRAVEL RIDE CONTROL

( O P T I O N A L )

Undetectable gear shifts, **continuous traction effort**: the continuously variable transmission increase the driving comfort, reducing the impacts on chassis and inside the cabin. The travel ride control allows the lifting arms oscillation during transport, further improves the load retention and comfort, in order to achieve the highest productivity.

## MULTIFUNCTIONAL JOYSTICK

The **multifunctional joystick** allows to control **all the principal functions**. The left hand moves the steering while the right one lifts/brings down the bucket, fills and empties, brings it to the automatic position, activates the transmission selecting the gear and starts up the supplementary equipments.



# 11-63

## WHEEL LOADER ▶ Z-LINKAGE



### ▶ DIESEL ENGINE

Engine: 6 cylinder, intercooler turbo-charged, direct injection, water cooling, paper dry filter and cyclone prefilter  
Emissioned according to CEE 97/68 – stage IIIA.

Type .....	Perkins 1106D-E66TA
Max power .....	110 kW - 150 HP
Rated rpm.....	2200
Net power ISO/TR 14396 .....	107 kW - 146 HP
Net power EEC/80/1269 .....	107 kW - 146 HP
Displacement .....	6.600
Bore .....	mm 105
Stroke .....	mm 127

### ▶ ELECTRIC SYSTEM

Battery .....	12 Volt
Capacity .....	200 Ah - 1350 A
Alternator rating.....	110 A
Reverse warning .....	Standard
Wiring according to .....	IP 67 - DIN 40050

### ▶ TRANSMISSION

Hydrostatic transmission with automatic power regulation and closed circuit with variable displacement pump and motor.  
Three forward/reverse automatic speeds with a single electric gear selector.

	<i>forward</i>	<i>reverse</i>
1 <sup>st</sup> speed km/h	0÷8	0÷8
2 <sup>nd</sup> speed km/h	0÷17	0÷17
3 <sup>rd</sup> speed km/h	0÷40	0÷40

### ▶ AXLES

Heavy Duty axles with planetary final driver on each wheel and automatic proportional self locking differentials  
Rigid front axle  
Oscillating rear axle up to a total angle of 20°.  
Transfer gearbox transferring movement directly to the rear and to the front axle via transmission shafts.  
Standard self locking differential on front axle, optional on rear.

### ▶ BRAKE SYSTEM

Service: hydraulic multidisc oil brake on front axle working on all the wheels.  
Parking brake: negative hydraulic on rear, electrically applied.

### ▶ TYRES

Standard.....	20.5 - 25 16 pr
Optional.....	20.5 R 25   17.5 R 25   555/70 R 24

### ▶ STEERING

Servo-assisted steering <b>LOAD SENSING</b> system	
Steering angle .....	80°
Inner tyres turning radius.....	mm 3.130
External tyres turning radius .....	mm 5.500
External bucket turning radius .....	mm 6.050

### ▶ HYDRAULIC SYSTEM

Made of two pumps, variable displacement with power control for the front loader circuit the first one, and gear pump for the steering circuit the second.

Modular two-element control valve with main relief valve  
Double acting hydraulic cylinders  
Hydraulic 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'	150
Loader relief valve pressure .....	bar	280
Steering relief valve pressure .....	bar	175
Lift cylinder .....	mm	110x750
Bucket cylinder .....	mm	130x455
Cycle time.....	sec	8,5

### ▶ SERVICES CAPACITIES

Engine .....	kg	16
Gearbox.....	kg	3,3
Differential .....	kg	12
Planetary final drive .....	kg	1,8
Hydraulic circuit .....	kg	170
Brake system .....	kg	1
Fuel .....	lt	260
Water cooling .....	lt	20

### ▶ TECHNICAL FEATURES

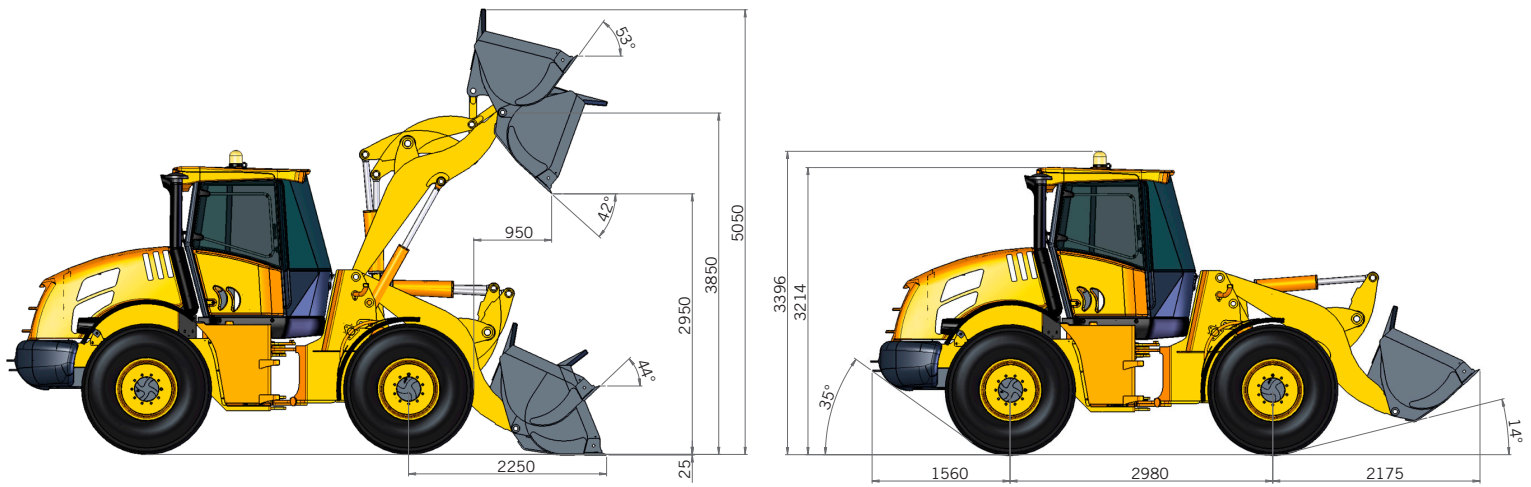
Standard bucket capacity .....	m <sup>3</sup>	2,2
Bucket width .....	mm	2.480
Straight static tipping load.....	kg	9.700
Full turned 40° tipping load.....	kg	8.600
Lifting capacity at max. height.....	kg	8.900
Dump clearance .....	mm	3.850
Dump height at 42° .....	mm	2.950
Reach at 42°.....	mm	950
Breakout force .....	kg	12.800

### ▶ DIMENSIONS AND WEIGHT

Max length in transfer position .....	mm	6.715
Max width in transfer position .....	mm	2.480
Height .....	mm	3.214
Track width.....	mm	1.850
Overall tyre width.....	mm	2.380
Wheel base .....	mm	2.980
Ground clearance .....	mm	455
Standard operating weight .....	kg	12.300
Max operating weight .....	kg	13.300

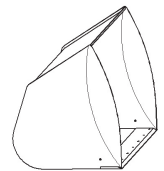
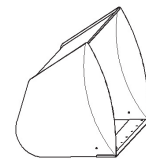
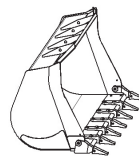
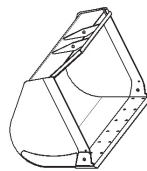
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### ► DIMENSIONS

Height cabin ROPS	mm	3214	Total bucket width	mm	2380
Wheel base	mm	2980	Track width	mm	1850
Ground clearance	mm	455	External turning radius	mm	5500
Loading ramp angle		35°	Rear axle oscillation		10°+10°



### ► PERFORMANCE DATA

		STANDARD	ROCK	OVERSIZE	EXTRA OVERSIZE
Full load bucket capacity	m <sup>3</sup>	2,2	1,7	2,5	3,0
Bucket width	mm	2480	2480	2540	2800
Bucket weight	kg	800	700	850	950
Max operative height	mm	5050	5000	5125	5200
Bucket pin height	mm	3850	3850	3850	3850
Dump clearance	mm	42°	42°	42°	42°
Dump height	mm	2950	3000	2900	2866
Dump distance	mm	950	894	1006	1043
Max dump distance	mm	2005	1949	2061	2098
Straight tipping load	kg	9700	10000	9200	9000
Full turned tipping load	kg	8600	8800	8100	7800
Breakout force	kg	12800	13900	11900	11409
Total length	mm	6900	6850	6975	7050
External bucket turning radius	mm	6050	6025	6131	6253
Total weight	kg	12300	12200	12350	12450

### ► LOADING FORK (Kg) - CENTRE OF GRAVITY 500 mm

Static tipping load, full turn	6400	Payload EN 474-3 (60%)	3850
Payload EN 474-3 (80%)	5150	Payload DIN 24094 (50%)	3200

# 12.63

## WHEEL LOADER ▶ PARALLEL LINKAGE



### ▶ DIESEL ENGINE

Engine: 6 cylinder, intercooler turbo-charged, direct injection, water cooling, paper dry filter and cyclone prefilter  
Emissioned according to CEE 97/68 – stage IIIA.

Type .....	Perkins 1106D-E66TA
Max power .....	110 kW - 150 HP
Rated rpm .....	2200
Net power ISO/TR 14396 .....	107 kW - 146 HP
Net power EEC/80/1269 .....	107 kW - 146 HP
Displacement.....	cm <sup>3</sup> 6.600
Bore .....	mm 105
Stroke .....	mm 127

### ▶ ELECTRIC SYSTEM

Battery .....	12 Volt
Capacity .....	200 Ah - 1350 A
Alternator rating.....	100 A
Reverse warning .....	Standard
Wiring according to .....	IP 67 - DIN 40050

### ▶ TRANSMISSION

Hydrostatic transmission with automatic power regulation and closed circuit with variable displacement pump and motor.  
Three forward/reverse automatic speeds with a single electric gear selector.

	<i>forward</i>	<i>reverse</i>
1 <sup>st</sup> speed km/h	0÷8	0÷8
2 <sup>nd</sup> speed km/h	0÷17	0÷17
3 <sup>rd</sup> speed km/h	0÷40	0÷40

### ▶ AXLES

Heavy Duty axles with planetary final driver on each wheel and automatic proportional self locking differentials  
Rigid front axle  
Oscillating rear axle up to a total angle of 20°.  
Transfer gearbox transferring movement directly to the rear and to the front axle via transmission shafts.  
Standard self locking differential on front axle, optional on rear.

### ▶ BRAKE SYSTEM

Service: hydraulic multidisc oil brake on front axle working on all the wheels.  
Parking brake: negative hydraulic on rear, electrically applied.

### ▶ TYRES

Standard.....	20.5 - 25 16 pr
Optional.....	20.5 R 25   17.5 R 25   555/70 R 24

### ▶ STEERING

Servo-assisted steering <b>LOAD SENSING</b> system	
Steering angle .....	80°
Inner tyres turning radius.....	mm 3.130
External tyres turning radius .....	mm 5.500
External bucket turning radius.....	mm 6.050

### ▶ HYDRAULIC SYSTEM

Made of two pumps, variable displacement with power control for the front loader circuit the first one, and gear pump for the steering circuit the second.

Modular two-element control valve with main relief valve  
Double acting hydraulic cylinders  
Hydraulic 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'	150
Loader relief valve pressure .....	bar	280
Steering relief valve pressure.....	bar	175
Lift cylinder.....	mm	110x769
Bucket cylinder .....	mm	80x850
Cycle time.....	sek	10,0

### ▶ SERVICES CAPACITIES

Engine .....	kg	16
Gearbox.....	kg	3,3
Differential .....	kg	12
Planetary final drive .....	kg	1,8
Hydraulic circuit .....	kg	170
Brake system.....	kg	1
Fuel.....	lt	260
Water cooling .....	lt	20

### ▶ TECHNICAL FEATURES

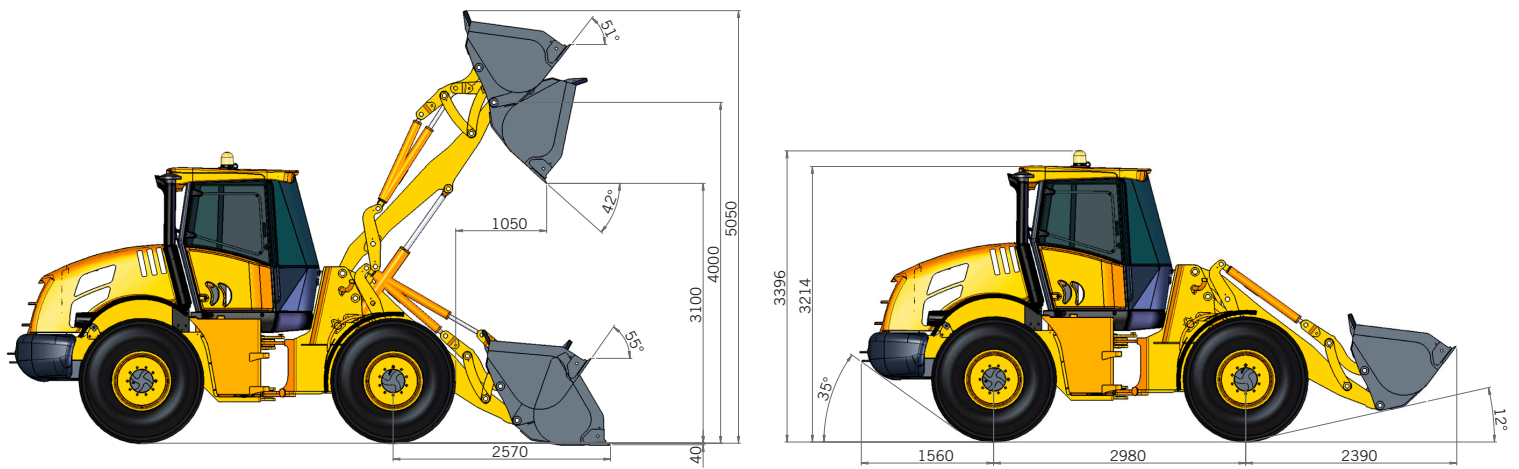
Standard bucket capacity .....	m <sup>3</sup>	2,2
Bucket width .....	mm	2.480
Straight static tipping load.....	kg	9.100
Full turned 40° tipping load.....	kg	8.000
Lifting capacity at max. height.....	kg	7.400
Dump clearance .....	mm	4.000
Dump height at 42° .....	mm	3.100
Reach at 42°.....	mm	1.050
Breakout force.....	kg	9.500

### ▶ DIMENSIONS AND WEIGHT

Max length in transfer position .....	mm	6.930
Max width in transfer position .....	mm	2.480
Height .....	mm	3.214
Track width.....	mm	1.850
Overall tyre width.....	mm	2.380
Wheel base .....	mm	2.980
Ground clearance .....	mm	455
Standard operating weight .....	kg	12.500
Max operating weight .....	kg	13.500

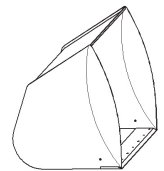
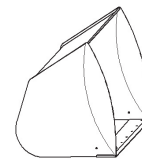
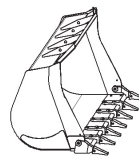
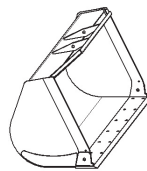
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### ► DIMENSIONS

Height cabin ROPS	mm	3214	Total bucket width	mm	2380
Wheel base	mm	2980	Track width	mm	1850
Ground clearance	mm	455	External turning radius	mm	5500
Loading ramp angle		35°	Rear axle oscillation		10°+10°



### ► PERFORMANCE DATA

		STANDARD	ROCK	OVERSIZE	EXTRA OVERSIZE
Full load bucket capacity	m <sup>3</sup>	2,2	1,7	2,5	3,0
Bucket width	mm	2480	2480	2540	2800
Bucket weight	kg	800	700	850	950
Max operative height	mm	5050	5000	5125	5200
Bucket pin height	mm	4000	4000	4000	4000
Dump clearance	mm	42°	42°	42°	42°
Dump height	mm	3100	3200	3100	3067
Dump distance	mm	1050	938	1050	1087
Max dump distance	mm	2175	2063	2175	2212
Straight tipping load	kg	9100	9400	8800	8600
Full turned tipping load	kg	8000	8400	7800	7400
Breakout force	kg	9500	11176	9500	9087
Total length	mm	7000	6875	7075	7150
External bucket turning radius	mm	6050	6000	6080	6218
Total weight	kg	12500	12400	12550	12650

### ► LOADING FORK (Kg) - CENTRE OF GRAVITY 500 mm

Static tipping load, full turn	6500	Payload EN 474-3 (60%)	3900
Payload EN 474-3 (80%)	5200	Payload DIN 24094 (50%)	3250

# 13-63

## WHEEL LOADER ▶ PARALLEL LINKAGE



### ▶ DIESEL ENGINE

Engine: 6 cylinder, intercooler turbo-charged, direct injection, water cooling, paper dry filter and cyclone prefilter  
Emissioned according to CEE 97/68 – stage IIIA.

Type .....	Perkins 1106D-E66TA
Max power .....	130 kW - 177 HP
Rated rpm .....	2200
Net power ISO/TR 14396 .....	123 kW - 167 HP
Net power EEC/80/1269 .....	123 kW - 167 HP
Displacement.....	cm <sup>3</sup> 6.600
Bore .....	mm 105
Stroke .....	mm 127

### ▶ ELECTRIC SYSTEM

Battery .....	12 Volt
Capacity .....	200 Ah - 1350 A
Alternator rating.....	110 A
Reverse warning .....	Standard
Wiring according to .....	IP 67 - DIN 40050

### ▶ TRANSMISSION

Hydrostatic transmission with automatic power regulation and closed circuit with variable displacement pump and motor.  
Three forward/reverse automatic speeds with a single electric gear selector.

	<i>forward</i>	<i>reverse</i>
1 <sup>st</sup> speed km/h	0÷8	0÷8
2 <sup>nd</sup> speed km/h	0÷17	0÷17
3 <sup>rd</sup> speed km/h	0÷40	0÷40

### ▶ AXLES

Heavy Duty axles with planetary final driver on each wheel and automatic proportional self locking differentials  
Rigid front axle  
Oscillating rear axle up to a total angle of 20°.  
Transfer gearbox transferring movement directly to the rear and to the front axle via transmission shafts.  
Standard self locking differential on front axle, optional on rear.

### ▶ BRAKE SYSTEM

Service: hydraulic multidisc oil brake on front axle working on all the wheels.  
Parking brake: negative hydraulic on rear, electrically applied.

### ▶ TYRES

Standard.....	20.5 - 25 16 pr
Optional.....	20.5 R 25   620/70 R 26

### ▶ STEERING

Servo-assisted steering <b>LOAD SENSING</b> system	
Steering angle .....	80°
Inner tyres turning radius.....	mm 3.130
External tyres turning radius .....	mm 5.500
External bucket turning radius .....	mm 6.150

### ▶ HYDRAULIC SYSTEM

Made of two pumps, variable displacement with „P.C.S.“ power control for the front loader circuit the first one, and gear pump for the steering circuit the second.

Modular two-element control valve with main relief valve  
Double acting hydraulic cylinders  
Hydraulic 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'	175
Loader relief valve pressure.....	bar	280
Steering relief valve pressure.....	bar	175
Lift cylinder.....	mm	120x750
Bucket cylinder .....	mm	130x485
Cycle time.....	sec	9,5

### ▶ SERVICES CAPACITIES

Engine .....	kg	16
Gearbox.....	kg	3,2
Differential .....	kg	14
Planetary final drive .....	kg	1,8
Hydraulic circuit .....	kg	170
Brake circuit.....	kg	1
Fuel.....	lt	260
Water cooling .....	lt	25

### ▶ TECHNICAL FEATURES

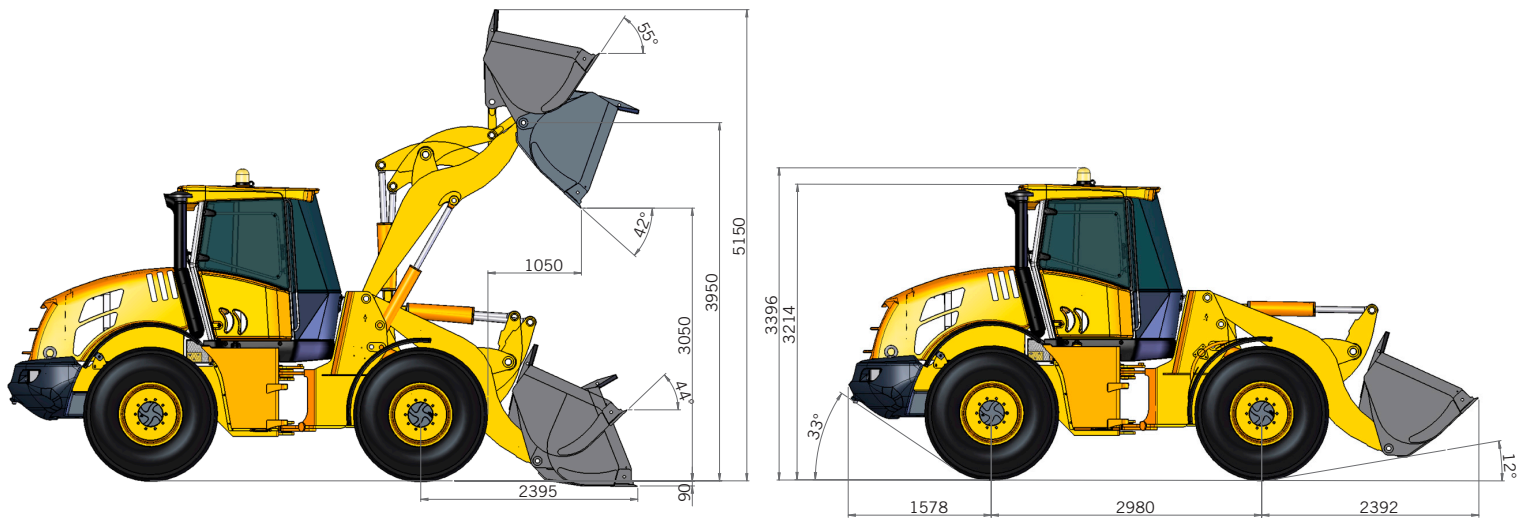
Standard bucket capacity .....	m <sup>3</sup>	2,7
Bucket width .....	mm	2.540
Straight static tipping load.....	kg	10.800
Full turned 40° tipping load.....	kg	9.600
Lifting capacity at max. height.....	kg	10.500
Dump clearance .....	mm	3.950
Dump height at 42° .....	mm	3.050
Reach at 42°.....	mm	1.050
Breakout force .....	kg	12.000

### ▶ DIMENSIONS AND WEIGHT

Max length in transfer position .....	mm	6.950
Max width in transfer position .....	mm	2.540
Height .....	mm	3.214
Track width.....	mm	1.850
Overall tyre width.....	mm	2.380
Wheel base .....	mm	2.980
Ground clearance .....	mm	455
Standard operating weight .....	kg	13.700
Max operating weight .....	kg	14.600

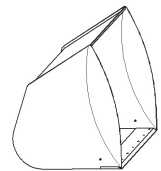
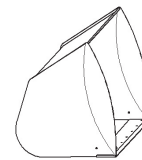
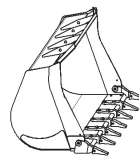
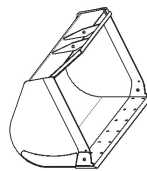
The illustrations on the present folder do not necessarily show the product standard version. Data and dimensions described in this folder are not binding. Venieri reserves the right of carrying out possible changes at any time and without previous notice because of its policy of steady development and improvement of the products.





### ► DIMENSIONS

Height cabin ROPS	mm	3214	Total bucket width	mm	2380
Wheel base	mm	2980	Track width	mm	1850
Ground clearance	mm	455	External turning radius	mm	5500
Loading ramp angle		33°	Rear axle oscillation		10°+10°



### ► PERFORMANCE DATA

		STANDARD	ROCK	OVERSIZE	EXTRA OVERSIZE
Full load bucket capacity	m <sup>3</sup>	2,7	2,2	3,0	3,5
Bucket width	mm	2540	2540	2540	2800
Bucket weight	kg	900	850	950	1000
Max operative height	mm	5150	5100	5225	5300
Bucket pin height	mm	3950	3950	3950	3950
Dump clearance	mm	42°	42°	42°	42°
Dump height	mm	3050	3100	3017	2983
Dump distance	mm	1050	994	1087	1124
Max dump distance	mm	2025	1969	2062	2099
Straight tipping load	kg	10800	11000	10400	10200
Full turned tipping load	kg	9600	9700	9200	9000
Breakout force	kg	12000	12973	11478	11000
Total length	mm	7000	6975	7075	7150
External bucket turning radius	mm	6150	6125	6200	6314
Total weight	kg	13700	13650	13750	13800

### ► LOADING FORK (Kg) - CENTRE OF GRAVITY 500 mm

Static tipping load, full turn	7000	Payload EN 474-3 (60%)	4200
Payload EN 474-3 (80%)	5600	Payload DIN 24094 (50%)	3500



## STANDARD EQUIPMENT

- Acoustic warnings
- Plugs with keys for fuel and hydraulic tanks
- Bucket with bolted teeth
- ROPS-FOPS- cab with heater, pressurizer circulating fan, with front and rear windscreen wiper and windshield washer
- Tool box
- Spare parts catalogue
- Seat belt
- Limited slip differential on front axle
- Safety clamp for lifting cylinders
- Visual index for bucket position
- Working lights
- Draw bar hook
- Soundproofing
- Yellow rotating and overturning beacon
- Operation and maintenance manual
- Type-approval for road traffic
- Side rearview mirrors
- Complete instrument board

## OPTIONAL EQUIPMENT

- Hydraulic or mechanical quick coupler
- Cement mixing bucket
- Multipurpose bucket (4 in 1)
- Speed reduction kit
- Lifting forks
- Proportional self lock rear differential
- Asphalt and cement planer
- Snow blower
- "V" type snow blade
- Angle-tilt dozer blade
- Hand operating hammer
- Polishing brush
- Trencher wheel



**Venieri** SPA  
EARTHMOVING MACHINES