



# 2.63C

## Plus

### WHEEL LOADER "Z" LINKAGE



#### DIESEL ENGINE

Engine: 4 cylinders, direct injection, water cooled, paper dry filter.

Emissions in accordance with Directive CE 97/68 stage IIIA.

Type .....	Yanmar 4TNV88
Max Power .....	36kW - 50 HP
Rated rpm .....	3.000
Net power ISO/TR 14396 .....	35 kW - 48 HP
Net power EEC/80/1269 .....	35 kW - 48 HP
Bore .....	mm 88
Stroke .....	mm 90
Displacement .....	cm <sup>3</sup> 2.190

#### ELECTRIC SYSTEM

Battery .....	12 Volt
Capacity EN 60095-1 .....	80 Ah - 770 A
Alternator rating .....	65 A
Reverse warning .....	Standard
Wiring according to .....	IP 67 e DIN 40050

#### TRANSMISSION

Hydrostatic transmission with automatic power regulation and closed circuit with variable-displacement pump and engine. Two forward/reverse speeds with single-lever control.

	forward	reverse
1 <sup>st</sup> Gear km/h	0÷7	0÷7
2 <sup>nd</sup> Gear km/h	0÷28	0÷28

#### AXLES

Two heavy duty axles with planetary final drives in each wheel. All wheel drive.

Fixed rigid drive axle on front chassis section. Oscillating drive axle on rear chassis section up to a total angle of 20°. Transfer gearbox transferring movement directly to the rear and to the front via a transmission shaft. Self-locking limited slip differential on front and rear axle.

#### BRAKES

Service: drum-brake hydraulically operating on front axle working on all the wheels. Parking brake: mechanical drum-brake operating on service brake, manually actuated.

#### TYRES

Standard .....	12.0/75-18 12pr
Optional ....	10.5-18 10pr • 12.5-18 10pr • 15.5/55 R18

#### STEERING

Servo assisted steering hydraulic LOAD SENSING system.

Total steering angle .....	80°
Inner tyres turning radius .....	mm 2.193
External tyres turning radius .....	mm 3.790
External bucket turning radius .....	mm 4.210

#### HYDRAULIC SYSTEM

Hydraulic gear pump with LOAD SENSING priority valve for steering circuit. 2-section modular control valve with main relief valve. Double-acting hydraulic cylinders. Hydraulic oil cooling radiator. Full-flow oil filter on the leakage pipe. Single cloche-lever arm control with 4-position lifting system and 3-position bucket system.

Max flow .....	lt/1'	60
Loader relief valve pressure .....	bar	230
Steering relief valve pressure .....	bar	190
Lift cylinder .....	mm	70x937
Bucket cylinder .....	mm	80x395

#### SERVICES CAPACITIES

Engine .....	lt	8
Front axle .....	lt	5,8
Rear axle + gear box .....	lt	6,5
Hydraulic circuit .....	lt	57
Brake system .....	lt	1,1
Fuel .....	lt	70
Water cooling .....	lt	10

#### TECHNICAL FEATURES

Standard bucket capacity .....	m <sup>3</sup>	0,75
Bucket width .....	mm	1.700
Straight static tipping load .....	kg	3.300
Full turned 40° tipping load .....	kg	3.000
Lifting capacity at max. height .....	kg	3.100
Dump clearance .....	mm	3.100
Dump height at 43° .....	mm	2.450
Reach at 43° .....	mm	650
Breakout force .....	kg	5.400

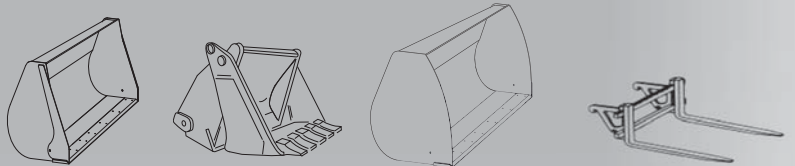
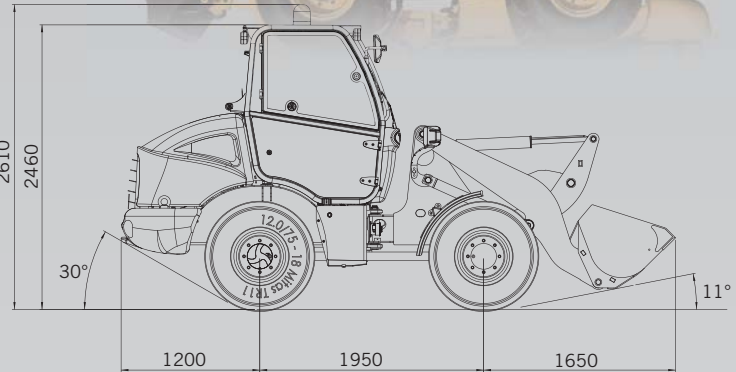
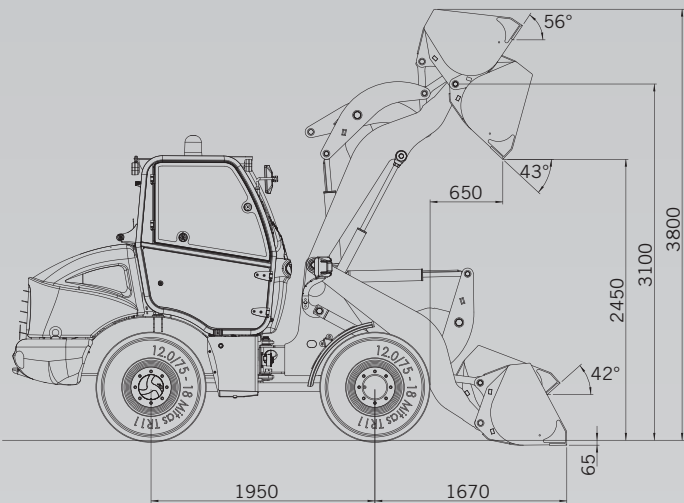
#### DIMENSIONS AND WEIGHT

Max lenght in transfer position .....	mm	4.800
Max width in transfer position .....	mm	1.700
Max height .....	mm	2.460
Track width .....	mm	1.320
Overall tyre width .....	mm	1.640
Wheel base .....	mm	1.950
Ground clearance .....	mm	370
Standard operating weight .....	kg	4.350
Max permissible weight .....	kg	4.800



# 2.63C Plus

WHEEL LOADER  
"Z" LINKAGE



## PERFORMANCE DATA

		UNIVERSAL BUCKET	MULTI PURPOSE BUCKET	OVERSIZE	FORKS
Full load bucket capacity (SAE)	m <sup>3</sup>	0,75	0,6	1,2	/
Bucket width	mm	1.700	1.700	1.900	/
Bucket weight	kg	250	350	350	/
Max operative height	mm	3.800	3.750	3.850	/
Forks length (Standard)	mm				1.000
Forks length (Optional)	mm				1.200
Bucket pin height	mm	3.100	3.100	3.100	/
Dump clearance	°	43°	43°	43°	/
Dump height	mm	2.450	2.500	2.400	/
Dump distance	mm	650	600	700	/
Max dump distance	mm	1.450	1.400	1.500	/
Bucket static tipping load, straight	kg	3.300	3.200	2.900	/
Bucket static tipping load, full turn (40°)	kg	3.000	2.900	2.700	/
Forks static tipping load, full turn (40°)	kg				2.400
Forks Payload EN 474-3 (80%)	kg				1.920
Forks Payload EN 474-3 (60%)	kg				1.440
Breakout force	kg	5.400	5.800	5.100	/
Total length	mm	4.800	4.750	4.800	/
External bucket turning radius	mm	4.200	4.000	4.300	/
Standard operating weight	kg	4.350	4.700	4.700	/



**VENIERI**

Via Piratello, 106 - 48022 Lugo (RA) ITALY  
 Tel. +39 0545 904411 Fax +39 0545 30389  
 e-mail: info@vf-venieri.com [www.vf-venieri.com](http://www.vf-venieri.com)  
**Spare Parts**  
 Tel. +39 0545 904429 Fax +39 0545 24555  
 e-mail: ricambi@vf-venieri.com