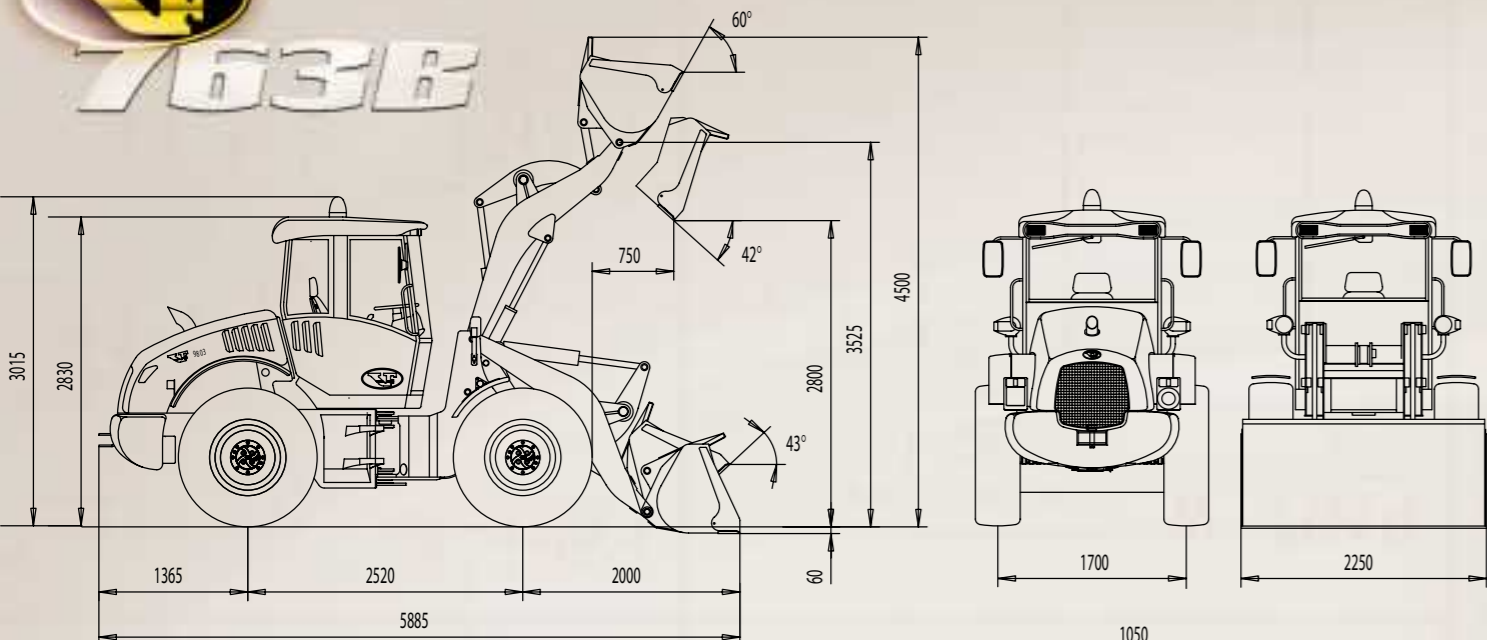


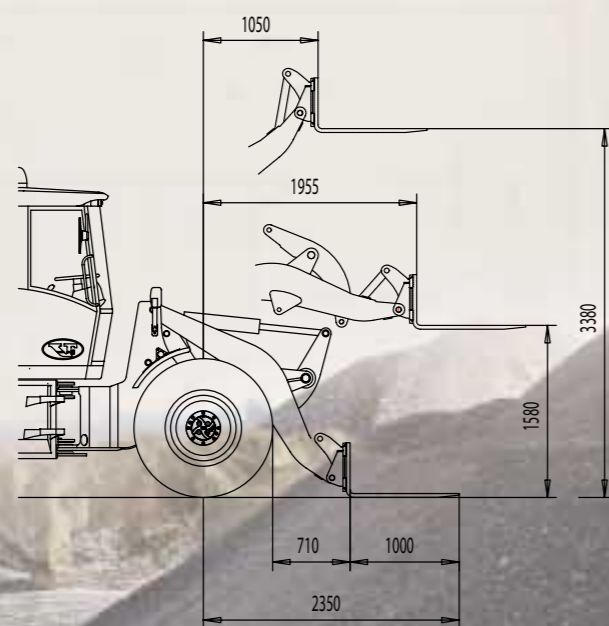


# 763B



Loading bucket (kg)	
Static tipping load, full turn	4.350
Payload (50%)	2.175

Loading fork (kg) - centre of gravity 500 mm	
Static tipping load, full turn	3.600
Payload EN 474-3 (80%)	2.900
Payload EN 474-3 (60%)	2.200
Payload DIN 24094 (50%)	1.800



UP367A (2004)



# 763B



Eng

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**VF Venieri** S.p.A.

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# 763B

- > Max power 105 cv
- > Bucket capacity 1,2÷1,5 m<sup>3</sup>
- > Max operating weight 7500 Kg
- > Hydrostatic transmission
- > 4 wheel drive



### Standard equipment

- Acoustic warnings
- 1,2 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 overturning 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 1104-44T
Max power	77 kW - 105 CV
Rated rpm	2200
Net power ISO/TR 14396	69 kW - 94 CV
Net power EEC/ 80/1269	69 kW - 94 CV
Bore mm	105
Stroke mm	127
Displacement cm <sup>3</sup>	4400

### > ELECTRIC SYSTEM

Battery	12 Volt
Capacity EN60095-1	100 Ah - 1080A
Alternator rating	540 W
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 motor. Gearbox with two mechanical selections: two work speeds (fwd/rev) and two road speeds (fwd/rev).

		forward	reverse
<i>Work speeds</i>			
1 <sup>st</sup> gear	km/h	0÷5	0÷5
2 <sup>nd</sup> gear	km/h	0÷16	0÷16
<i>Road speeds</i>			
1 <sup>st</sup> gear	km/h	0÷10	0÷10
2 <sup>nd</sup> gear	km/h	0÷37	0÷37

### > AXLES

Two heavy duty equal size axles with planetary final drives in each wheel.

Fixed rigid drive axle on front chassis section.

Oscillation 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 front axle working on all the wheels.

Parking: mechanical brake operating on the service brake, manually actuated.

### > TYRES

Standard	405/70 R24
Option	15.5 R 25 - 555/70 R 24

### > STEERING

Servo-assisted steering LOAD SENSING system.

Total steering angle	80°
Inner tyres turning radius	mm 2600
Outer tyres turning radius	mm 4700
Outer bucket turning radius	mm 5150

### > HYDRAULIC SYSTEM

Hydraulic gear pump with LOAD SENSING priority valve for the steering circuit.

Modular two-element control valve with main relief valve.

Double acting hydraulic cylinders.

Hydraulic oil 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'	95
Loader relief valve pressure	bar	230
Steering relief valve pressure	bar	175
Lift cylinders	mm	90 x 665
Bucket cylinder	mm	110 x 445
Cycle time	sec	8.1

### > SERVICES CAPACITIES

Engine	kg	9
Gearbox	kg	1,5
Differential	kg	3,5
Planetary final drive	kg	2
Hydraulic circuit	kg	115
Brake system	kg	1
Fuel	lt	105
Water cooling	lt	18

### > TECHNICAL FEATURES

Standard bucket capacity	m <sup>3</sup>	1,2
Bucket width	mm	2250
Static tipping load:		
	Straight	kg 4850
	Full turned 40°	kg 4350
Lifting capacity at max height	kg	3200
Dump clearance	mm	3525
Dump height at 42°	mm	2800
Reach at 42°	mm	750
Breakout force	kg	9100

### > DIMENSIONS AND WEIGHTS

Max length in transfer position	mm	6100
Max width in transfer position	mm	2250
Track	mm	1700
Tracks width	mm	2150
Ground clearance	mm	455
Standard operating weight	kg	6900
Max operating weight	kg	7500

