

DIESEL ENGINE

Engine: 4 cylinder, direct injection diesel engine, water-cooled, paper dry filter.

Emissioned according to CE 97/68 stage 2

Type	Perkins 404-22
Max. power	40 kW - 54 CV
Rated rpm	2500
Net power DIN 70020/6271	38 kW - 51 CV
Net power EEC/ 80/1269	38 kW - 51 CV
Displacement cm ³	2.216
Bore mm..	84 mm
Stroke mm..	100 mm

ELETTRIC SYSTEM

Battery	12 Volt
Capacity	60 Ah
Alternator rating	480 W

TRANSMISSION

Hydrostatic transmission with automatic power regulation and closed circuit with variable displacement pump and motor.

Two forward/reverse speeds with single-lever electric control.

		forward	reverse
1st gear	km/h	0÷8	0÷8
2nd gear	km/h	0÷18	0÷18

AXLES

Axles designed for heavy duties , all-wheel drive.

Conventional differential (proportional self-locking differential available).

Planetary final drivers.

Front axle: steering and oscillating up to a total angle of 15°

Rear axle: steering fixed to the frame.

BRAKE SYSTEM

Service brakes: disc type acting on drive shaft working on all the wheels.

Parking brakes: disc type type on drive shaft with manual operation.

TYRES

Standard : 10.0/ 75 x 15.3 - 8 p.r.

SERVICE CAPACITIES

Engine	kg.	7
Front differential + gearbox	kg.	2,8
Rear differential	kg.	2
Planetary gear	kg.	0,2
Hydraulic circuit	kg.	55
Brake system	kg.	0,3
Fuel	lt.	47
Water cooling	lt.	11

HYDRAULIC SYSTEM

Single gear pump with **LOAD SENSING** priority valve for steering circuit.

Modular three-element control valve.

Double acting hydraulic cylinder.

Hydraulic oil cooling radiator.

Full-flow oil filter on the leakage pipe.

Max flow	lt/1'	44
Loader relief valve pressure	bar	190
Steering relief valve pressure	bar	140
Lift cylinder	m m	90x455
Bucket cylinder	m m	65x500
Cycle time	sec	8,5

Loader control

Single lever arm-control with 4-position lifting system and with 3-position bucket system

Backhoe control

Two levers backhoe-control, "cloche" type.

Two hydraulic-control independent stabilizers.

Side translation with four hydraulic locking devices.

STEERING

Servo-assisted steering with hydraulic **LOAD SENSING** unit.

Inner tyres turning radius
 m | 0,750 |

Outer tyres turning radius
 m | 2,050 |

Outer bucket turning radius
 m | 2,560 |

TECNICAL FEATURES

Loader:

Standard bucket capacity	m ³	0,40
Bucket width	mm.	1400
Breakout force	kg.	2560

Backhoe:

Type	VF	2.75
Standard bucket capacity	lt	45
Standard bucket width	mm.	300
Dipperstick max. penetration capacity	kg	1400
Max. breakout force on the bucket tip	kg	2600
Lifting capacity on the bucket pin up to max height	kg	700
Rotation		180°
A - Max. digging depth	m m	2750
B - Standard digging depth	m m	2600

Dimensions and weights:

Max. length transfer position - loader	m m	3400
Max. length transfer position - backhoe	m m	3750
Max. width in transfer position	m m	1350
Width across tyres	mm.	1320
Tracks width	mm.	1050
Ground clearance	mm.	270
Standard weight in running order - loader	kg.	2850
Standard weight in running order - backhoe	kg.	3000
Max. weight in running order	kg.	3300

VF VENIERI S.P.A.

COSTRUZIONE MACCHINE INDUSTRIALI
Via Piratello, 106 - 48022 LUGO (RA) - ITALIA
Tel. 0545/904411 - Fax 0545/30389

Servizio ricambi
Tel. 0545/904429 - Fax 0545/24555
www.vf-venieri.com

AZIENDA CON SISTEMA QUALITA'
CERTIFICATO DADNV

UNI EN ISO 9001/2000



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Preliminary

1.333 B

MINI LOADER MINI BACKHOE LOADER 4 WHEEL STEERING

MAX POWER 54 CV • BUCKET CAPACITY 0,40 m³
MAX DIGGING DEPTH 2,75 m
MAX OPERATIVE WEIGHT 3.300 kg
HYDROSTATIC TRANSMISSION • 4 WHEEL DRIVE

