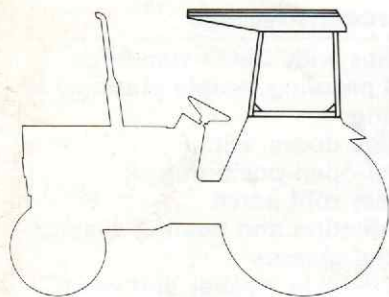




**FIATAGRI**

# Fiat 980dt



## Engine power

At flywheel: **98 CV/DIN**

## Operating weight

With cab\*, including fluids: **4,100 kg**

\* optional

## Speeds (kph)

With tyres	16.9/14-38
Engine (rpm)	2,400
With gearbox	12 + 3 or 16 + 4 (*)

Forward	
1st creeper*	0.49
2nd creeper*	0.64
3rd creeper*	0.80
4th creeper*	1.00
1st low	1.43
2nd low	1.87
3rd low	2.34
4rd low	2.93
1st normal	4.19
2nd normal	5.50
3rd normal	6.80
4th normal	8.50
1st high	12.20
2nd high	15.93
3rd high	19.92
4th high	24.91

Reverse	
1st creeper*	0.46
1st speed	1.35
2nd speed	3.95
3rd speed	1.53

(\*) With creeper speed reduction gear  
\* and (\*) optional

## Engine

Fiat 8065.  
4-stroke direct injection Diesel.  
Number of cylinders: 6.  
Bore and stroke: 100 × 110 mm.  
Piston displacement: 5,184 cc.  
Rpm at max. power: 2,400.  
Rpm at max. torque: 1,200.  
Water cooling.  
Distributor-type injection pump.  
Filter:  
— air: oil-bath, with precleaner.

## Clutch

Transmission: single-plate, dry-type.  
PTO: single-plate, dry-type with separate control.  
Diameter of plates: 12".

## Transmission

Gearbox with: 12 F and 3 R speeds, all synchronized.  
Differential with pedal-actuated lock.  
Planetary-type final drives.

## Brakes

Service: oil-bath, disc-type.  
Parking: fully independent.

## Front axle

With center-mounted differential.

## Steering

Hydrostatic, independent circuit.  
Minimum turning radius:  
— without brakes: 5,850 mm.

## Power take-off

1 3/8" - 6 and 21 spline shaft.  
Fully independent.  
540/1,000 rpm (at 2,124 and 2,400 rpm respectively).

## Tyres

Front: 12.4/11-28  
Rear: 18.4/15-34 or 16.9/14-38\*

\* optional

## Rear wheels

Cast iron discs for track adjustment through PAVT device.

## Hydraulic lift

Auxiliary cylinder.  
With draft and position control.  
Draft control through lower links and flexion bar.  
Pump capacity: 41.4 l/min.  
Relief valve opening pressure: 190 kg/sq.cm.  
Lift control accessible from ground.  
3-point linkage lower links Cat. 2, with telescopic ends.  
Adjustable telescopic sway restrictors.  
Max lifting capacity: 3,200 kg.

## Electrical system

Voltage: 12 V  
Alternator: 660 Watt  
Battery: 132/140 Ah  
Two-position headlamps.  
Front and rear parking and direction lights.  
Rear stop and number plate lights.

## Driver's compartment

Ahead of axle with integral, fully suspended platform of modular construction. Upholstered seat with parallelogram suspension, adjustable and hydraulic shock absorber.

## Body

Square shaped hood, removable side covers for quick accessibility to engine, battery, air cleaner etc.

## Capacities

Fuel tank: 116 litres.  
Engine oil sump and filters: 13.6 litres.  
Rear transmission and hydraulic lift: 45.5 litres.

## Safety frame

With roof.  
Complies with OECD standards.

## Optionals

### Transmission

- 16 F + 4R (with creeper speed reduction gear)
- «No Spin» type front differential automatic lock.

### Power take-off

- 540/1,000 rpm (1 <sup>3</sup>/<sub>8</sub>" - 6 and 21 spline shaft): with proportional ground speed.
- Rpm per rear wheel revolution (independently of gear engaged):
- 18.6 (at 540 rpm)
  - 30.4 (at 1,000 rpm)

### Towing attachments

Front hook.  
Swinging drawbar.  
Linkage drawbar.  
Trailer hitch, normal or automatic (Rockinger/Lemoine).  
Conventional or special "Piton" support plate, with various combinations.

### Tyres (Pairing of tyres)

Front: 14.9/13-24  
Rear: 18.4/15-34 or 23.1/18-30

## Hydraulic lift

3-point linkage lower links, with sway blocks and retaining spring or Walterscheid quick couplings and spacing spring.

## Hydraulics

External ram control valves (with single or double-acting rams) supplied with 1/2" quick half couplings for: implement remote control or hydraulic trailer braking.

## Electrical system

Cold starting aid:  
Thermostart or Start-Pilote  
Rear flood light.

## Ballast

- Support plate with built-in front hook.
- Ballasting on front axle and rear wheels.

## Safety frame

With roof.  
Complies with OECD standards.

## Supercomfort cab

Complies with OECD standards.  
Sound proofing, ample glazing.  
Including:

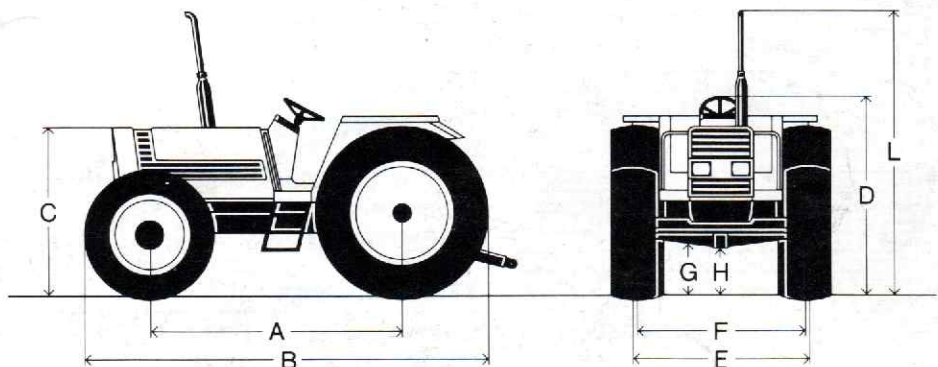
- 2 side doors, with semi-open-position lock
- safety roof hatch
- ventilation and heating system
- tinted glasses
- windshield washer and wiper

**Optional:**

- air conditioner.
- adjustable, upholstered driver's seat with tip-up arm-rests.

## Dimensions (with 12.4/11-28 and 18.4/15-34)

- A - Wheelbase: 2,535 mm
- B - Overall length: 3,850 mm
- C - Height to bonnet: 1,595 mm
- D - Height to steering wheel: 1,830 mm
- E - Front tread (7 positions): 1,712 ÷ 2,146 mm
- F - Rear tread (8 positions): 1,500 ÷ 2,200 mm
- G - Ground clearance under front axle: 535 mm
- H - Ground clearance under front differential: 468 mm
- L - Height to exhaust: 2,645 mm
- Height to top of frame: 2,660 mm
- Height to top of cab: 2,652 mm.



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