

Fiat 65-66 / 65-66 dt



**ADVANCED TECHNOLOGY,
SOPHISTICATED
SOLUTIONS IN A TRACTOR
OF GREAT PRACTICALITY**

Long life, reliability and
economical running

**HIGH POWERED
4 CYLINDER ENGINE**

High performance, high
torque reserve, low fuel
consumption, reliability and
long life

**WIDE CHOICE OF
TRANSMISSIONS FOR
HIGH PRODUCTIVITY**

Standard 12+4, reverser
12+12, super reduction
unit and reverser 20+12

**POWERFUL LIFT,
EFFICIENT AND
VERSATILE, WITH
FLEXION BAR, DRAFT
CONTROL SYSTEM,
POSITION AND MIXED
CONTROL**

Generous lifting capacity,
with absolute precision and
sensitivity

**FIAT FOUR-WHEEL DRIVE,
THE MOST WIDELY SOLD
IN THE WORLD**

Coaxial system, self-locking
differential*, front brake*,
protected couplings

* Optional



FIATAGRI

Engine

Fiat	8045.06
Direct injection Diesel	
No. of cylinders:	4
Bore and stroke:	100 x 115 mm
Piston displacement:	3,613 cc
Rpm at max power:	2,500
Rpm at max torque:	1,500
Engine power:	65 Hp/DIN
Water cooling	
Air filter:	oil bath
Cold starting aid*:	thermostat

* Optional

Clutch

Transmission:	single-plate, dry-type
PTO:	single-plate, dry-type, with separate control

Transmission

Gearbox with synchronized speeds:	12F + 4R
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Speeds (kph)

with tyres:	14.9/13-28
engine (rpm):	2,500

F	Low	Medium	High	R
1	1.7	3.9	9.1	4.1
2	2.6	6.0	13.0	6.3
3	3.2	7.3	17.1	7.8
4	5.1	11.6	27.1	12.9
			32.4*	

* Max speed effective with the largest available size of tyres

Power take-off

1 $\frac{3}{8}$ "-6/21* spline shaft: 540/1000* rpm, synchronized with gearbox

* Optional

Hydraulic lift

With draft, position and mixed control
Automatic lifting and lowering device
Lift-O-Matic (Fiat Trattori design)
Linkage lowering speed adjustment and lift lock
Response control (Vario-Speed)
3-point linkage: Cat. 1-2
Pump capacity: 34.5 l/min
Relief valve
opening pressure: 190 kg/sq.cm
Lifting capacity: 3,000 kg

Electrical system

Circuit voltage:	12 V
Alternator:	400 Watt
Battery:	100 Ah
Starter safety switch	

Safety frame

With roof
Complies with O.E.C.D. standards

Steering

Mechanical or hydrostatic type

Front axle

Telescopic-type with variable track setting

For 65-66 dt

Coaxial front axle pivot and drive shaft
Centre-mounted differential with "NO SPIN" automatic lock device*
Wheel steering angle: 45°

* Optional

Brakes

Service: disc-type, oil-bath
Parking: disc-type, with independent control
Trailer brake housing bracket

For 65-66 dt

Front brake*: disc-type, dry-type
Control: hydrostatic

* Optional with transmissions 12F+12R and 20F+12R

Towing attachments

Trailer hitch
Front hook
Swinging drawbar*

* Optional

Tyres (pairing of tyres)

Front: a) 6.00-16
b) 7.50-16*
Rear: a) 14.9/13-28
b) 14.9/13-30*
c) 12.4/11-36*
d) 14.9/13.28*
e) 16.9/14.28*
f) 16.9/14.30*

For 65-66 dt

Front: a) 11.2/10-20
b) 12.4 R 20*
c) 9.5/9-24*
d) 11.2/10-24*
Rear: a) 14.9/13-28
b) 14.9/13-30*
c) 16.9/14-28*
d) 12.4/11-36*
e) 16.9/14-30*

* Optional

Capacities

Fuel tank:	73 l
Engine oil sump and filter:	10.5 l
Rear transmission and hydraulic lift:	40.0 l
For 65-66 dt:	40.8 l

Dimensions

with tyres:	6.00-16 and 14.9/13-28
Wheelbase:	2,290 mm
Overall length:	3,417 mm
Height to bonnet:	1,427 mm
Height to steering wheel:	1,578 mm
Front track with 6 positions:	from 1,410 to 1,910 mm
Rear track with 6 positions:	from 1,425 to 1,925 mm
Ground clearance under front axle:	495 mm
Height to exhaust:	2,388 mm
Height to cab:	2,415 mm
Height to safety frame:	2,328 mm

Weight

Operating, including fluids with safety frame: 2,340 kg

For 65-66 dt

Dimensions
with tyres 11.2/10-20 and 14.9/13-28

Wheelbase:	2,249 mm
Overall length:	3,412 mm
Height to bonnet:	1,400 mm
Height to steering wheel:	1,588 mm
Front track with 8 positions:	from 1,450 to 1,880 mm
Rear track with 7 positions:	from 1,325 to 1,925 mm
Ground clearance under front axle:	406 mm
Ground clearance under front differential:	365 mm
Height to exhaust:	2,388 mm
Height to safety frame:	2,328 mm
Height to cab:	2,415 mm

Weight

Operating, including fluids with safety frame: 2,560 kg

Optionals

Transmission

Synchronized-speed gearbox with reverser: 12F + 12R

Speeds (kph)

with tyres:	14.9/13-28
engine (rpm):	2,500

F	Low	Medium	High
1	1.7	3.9	9.1
2	2.6	6.0	13.0
3	3.2	7.3	17.1
4	5.1	11.6	27.1
			32.4*

R	Low	Medium	High
1	1.7	3.9	9.1
2	2.6	6.0	14.0
3	3.2	7.3	17.1
4	5.1	11.7	27.2

* Max speed effective with the largest available size of tyres

Transmission

Synchronized-speed gearbox with super reduction unit and reverser: 20F + 12R

Speeds (kph)

with tyres:	14.9/13-28
engine (rpm):	2,500

F	Low	Medium	Low	Medium	High
1	0.3	0.7	1.7	3.9	9.1
2	0.5	1.1	2.6	6.0	13.9
3	0.6	1.3	3.2	7.3	17.1
4	0.9	2.1	5.1	11.6	27.1
					32.4*

R	Low	Medium	High
1	1.9	4.5	10.5
2	2.9	6.9	16.2
3	3.6	8.4	19.8
4	5.7	13.4	31.5

* Max speed effective with the largest available size of tyres

Hydraulics

With convertible auxiliary control valves (single or double acting) and $\frac{1}{2}$ " quick half-couplings (push-pull) for implement remote control
Floating position availability

Cab

With good all-round vision; fixed or opening* windshield, athermic glasses, opening rear and side window glasses, adjustable driver's seat with cloth covering and tilting arm-rests, ventilation and heating system
Soundproofing
Complies with O.E.C.D. standards

* With sunscreen

Ballast

Front support with hook
Ballasting on front axle and on rear wheels

For 65-66 dt 40 kph

Transmission

Synchronized-speed gearbox with reverser: 12F + 12R

Transmission

Synchronized-speed gearbox with super reduction unit and reverser: 20F + 12R

Speeds (kph)

with tyres:	14.9/13-28
engine (rpm):	2,500

F	Low	Medium	Low	Medium	High
1	0.4	0.8	2.0	4.7	11.1
2	0.6	1.3	3.1	7.2	17.0
3	0.7	1.6	3.8	8.9	20.9
4	1.1	2.5	6.0	14.1	33.2
					39.8*

R	Low	Medium	High
1	1.9	4.5	10.5
2	2.9	6.9	16.2
3	3.6	8.4	19.8
4	5.7	13.4	31.5

* Max speed effective with the largest available size of tyres

Brakes

Front brake*: disc-type, dry-type
Control: hydrostatic

* Standard

