



Yanmar
Operator's Manual
YM169
YM169D

Operator's Manual

JENSALES.COM
or Call **800-443-0625**



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YA-O-169,169D

YANMAR DIESEL TRACTOR OPERATION MANUAL

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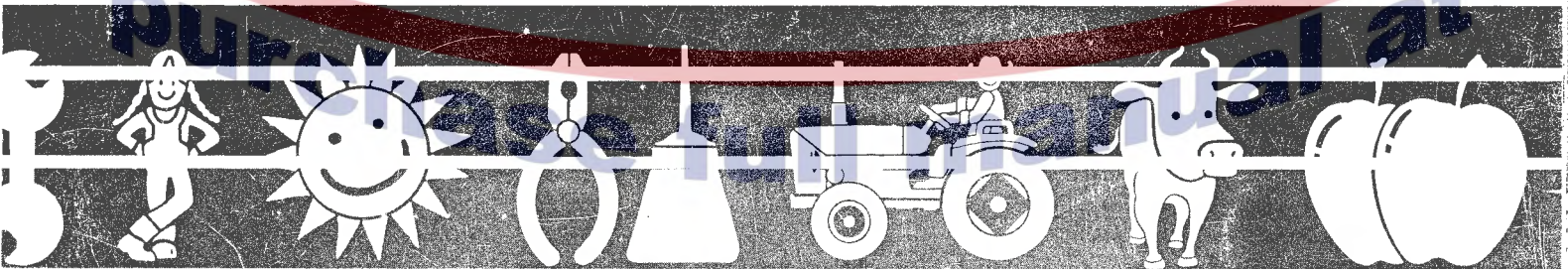
MANUAL PREVIEW

MODEL

YM169

YM169D

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YANMAR
DIESEL TRACTOR

1. SPECIFICATIONS

YM169

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DIMENSIONS

Overall length
 with 3-point hitch
 without 3-point hitch
 Overall width (Min.)
 Overall height
 to seat end
 to steering wheel
 Wheel base
 Standard tread
 front
 rear
 Turning radius

95.3 in. (2490 mm)
 86.7 in. (2075 mm)
 38.4 in. (975 mm)
 51.0 in. (1295 mm)
 45.7 in. (1160 mm)*
 48.8 in. (1240 mm)
 28.7 in. (730 mm)*
 31.5 in. (800 mm)*
 90.6 in. (2300 mm)*

95.3 in. (2490 mm)
 86.7 in. (2075 mm)
 38.4 in. (975 mm)
 51.0 in. (1295 mm)
 45.7 in. (1160 mm)
 48.8 in. (1240 mm)
 29.3 in. (745 mm)
 31.5 in. (800 mm)
 98.4 in. (2500 mm)

GROUND CLEARANCE

drawbar
 transmission case

10.4 in. (265 mm)*
 13.4 in. (340 mm)

10.4 in. (265 mm)*
 13.4 in. (340 mm)

SHIPPING WEIGHT

Tire

front rear
 4.50-10 8-16
 5-12 8-16
 6-12 (turf) 8-16 (turf)

1091 lbs. (495 kg)
 X
 1135 lbs. (515 kg)

X
 1213 lbs. (550 kg)
 1213 lbs. (550 kg)

ENGINE

Note: Tires marked * may not be available in your country. Contact your dealer.

Type
 Model
 Slow idle speed
 Working speed range
 Bore and stroke
 Displacement
 Compression ratio
 Firing order (No.1 in. rear)
 Valve clearance
 intake
 exhaust
 Injection timing
 Lubrication system
 Max. gross horsepower
 (factory-observed)

3-cylinder, in-line diesel
 3T72HA-A
 900 rpm
 1800 to 2600 rpm
 2.83 x 2.83 in. (72 x 72 mm)
 53.64 cu. in. (879 cc)
 23 : 1
 1-3-2
 0.008 in. (0.20 mm)
 0.008 in. (0.20 mm)
 21°BTDC
 Force-feed, pressurized with
 full-flow filter
 16 HP (11.94 KW) at 2600 rpm

3-cylinder, in-line diesel
 3T72HA-A
 900 rpm
 1800 to 2600 rpm
 2.83 x 2.83 in. (72 x 72 mm)
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 23 : 1
 1-3-2
 0.008 in. (0.20 mm)
 0.008 in. (0.20 mm)
 21°BTDC
 force-feed, pressurized with
 full-flow filter
 16 HP (11.94 KW) at 2600 rpm

FUEL SYSTEM

Type
 Injection pump type
 Air cleaner

swirl-precombustion chamber
 plunger/bosch type
 dry type with pre-cleaner

swirl-precombustion chamber
 plunger/bosch type
 dry type with pre-cleaner

COOLING SYSTEM

Type

Natural circulated with radiator

Natural circulated with radiator

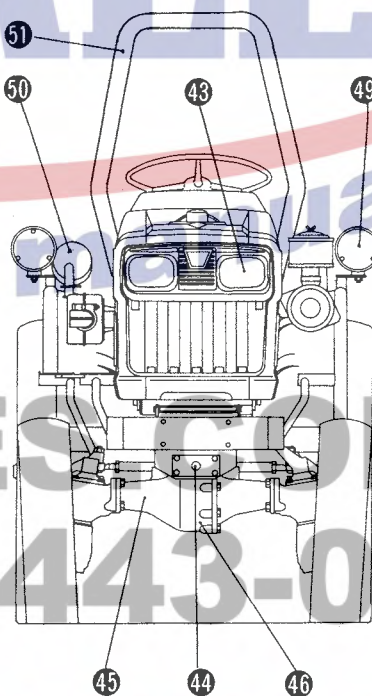


YANMAR
DIESEL TRACTOR

2. COMPONENTS

- (1) Muffler
- (2) Brake pedal
- (3) Step
- (4) Differential lock pedal
- (5) Instrument panel
- (6) Fuel tank cap
- (7) Bumper
- (8) Radiator
- (9) Hood
- (10) Engine
- (11) Air cleaner
- (12) Fuel tank
- (13) Throttle lever
- (14) Steering wheel
- (15) Gear shift lever
- (16) P.T.O. shift lever
- (17) Hydraulic control lever
- (18) Hydraulic cylinder case
- (19) Assist bar
- (20) Operator's seat
- (21) Fender
- (22) Lift link
- (23) Upper link
- (24) Upper link hinge
- (25) P.T.O. shaft
- (26) Lower link
- (27) Lift arm
- (28) Rear tire
- (29) Rear wheel
- (30) Brake
- (31) Transmission case
- (32) Brake rod
- (33) Range shift lever
- (34) Pitman arm
- (35) Clutch pedal
- (36) Steering gear box
- (37) Clutch housing
- (38) Starter motor
- (39) Drag rod
- (40) Front wheel
- (41) Front tire
- (42) Battery
- (43) Headlight
- (44) Front axle center-pin
- (45) Front axle
- (46) Front differential gear case
- (47) Propeller shaft cover
- (48) Front drive shift lever
- (49) Flashing warning lamp
- (50) Work light
- (51) Rops

Model
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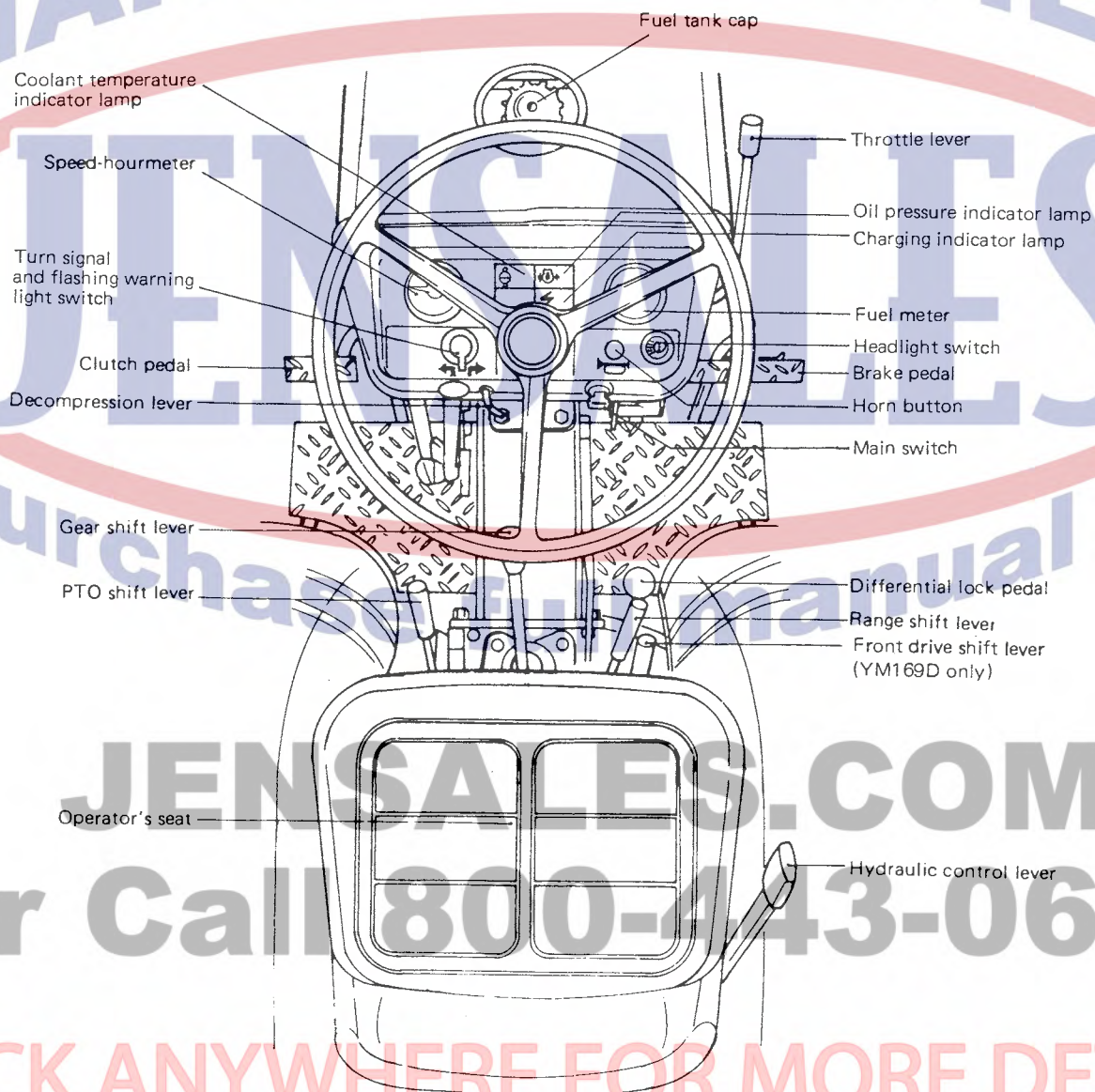


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YANMAR
DIESEL TRACTOR

3. CONTROLS AND INSTRUMENTS

Study the controls and instruments of the tractor so you understand them fully, and learn how to handle them correctly.

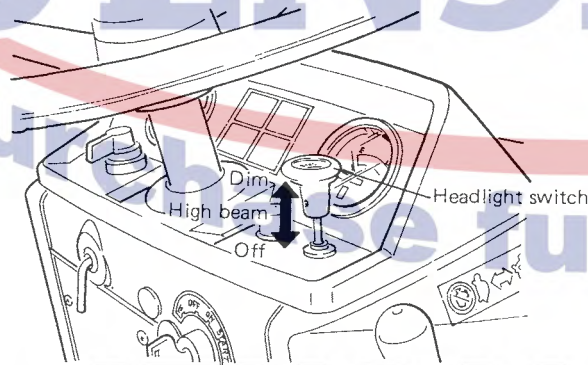


(1) Main switch

- OFF = Electric circuit is open.
 ON = Electric circuit is closed.
 START = Starter motor runs.
 TS = Thermostart plug ignites.

(2) Light switch

The light switch has two positions. The first pulled position gives High-beam of headlights and the second pulled position gives Dim headlights. Dim lights in case of on coming traffic or when driving through populated areas.

**(3) Turn signal switch**

The turn signals indicate the direction in which the tractor turns. When operating tractor on a road, use turn signals as you would in a car or truck.

(4) Flashing warning light

When operating tractor on the road, pull the turn signal light switch to get the light flashing.

(5) Horn button

Press this button to sound the horn.

(6) Throttle lever

The throttle lever controls engine speed and stop engine.

(7) Decompression lever

The decompression lever is used to assist the capacity of battery and stater motor when starting engine.

(8) Hourmeter

The hourmeter indicates the operating time of engine and engine speed.

(9) Oil pressure indicator lamp

The oil pressure indicator lamp should go on when the main switch is turned on. After the engine has started, this lamp should go out. If it does not, stop engine immediately and determine the cause.

(10) Coolant temperature indicator lamp

The coolant temperature indicator lamp goes on when the engine is overheating. If this lamp goes on during engine operation, stop engine immediately and determine the cause.

(11) Operator's seat

The seat can be moved forward or back depending upon the operator's physique.

(12) Front PTO switch (Optional)

Pull and lift up the switch to engage front PTO,

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