



AGTL

# 480

— SPECIAL —



Highly Fuel Efficient,  
Powerful and Durable



Effective Cooling  
System for longer  
operations



Reliable 8 x 2 Synchronesh  
Transmission



Powerful Hydraulic  
System with high lift  
capacity



Dual Clutch system with  
separate PTO & main  
Clutch lever



High PTO horsepower



The king of rotavators,  
bore wells and threshers



Low Maintenance  
Cost



Convertible to High  
Clearance for efficient spray  
on cotton crop.



Country wide availability  
of spare parts

For Export Inquiry:

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# 480 SPECIAL

## SPECIFICATIONS

### ENGINE POWER

At flywheel 55 HP

### OPERATING WEIGHT

1,710 KG

### ENGINE

New Holland 8035.06  
4-Stroke, direct injection diesel engine  
Number of cylinder: 3  
Bore and stroke: 100x115 mm  
Pston Displacement: 2,710 cc  
Compression ratio: 17:1  
Max. Torque at 1,500 rpm: 22.7 kgm  
Dry-type cylinder liners  
Water cooled, Four-row brass tube & copper fin radiator Forced-feed lubrication system  
Distributor-type fuel injection pump with mechanical speed governor  
Vertical exhaust muffler

### FILTERS

**Air:** Oil-bath with pre-cleaner  
**Fuel:** 2 replaceable cartridges.  
**Oil:** Easy-to-change, continuous flow cartridge

### CLUTCH

Dual plate, dry-type, with separate controls (pedal for transmission and hand lever for PTO),  
diameter of plates: 11 inch  
Plate facing of asbestos compound

### TRANSMISSION

Gear box with constant-mesh gears: 8 forward and 2 reverse speeds;  
Synchromesh on 3rd, 4th, 7th and 8th speeds  
Differential with pedal actuated lock and automatic disconnection  
Single-reduction spur gear final drives  
Gear Box mounted starter safety switch

### TRACKS

Front (8 position):  
1,320- 1,420- 1,520- 1,620-  
1,720- 1,820 - 1,920- 2,020 mm  
Rear (8 position):  
1,200- 1,300- 1,400- 1,500-  
1,600 - 1,700- 1,800 - 1,900 mm

### STEERING (OPTIONAL)

**STD 1:** Manual, recirculating ball type. Centre relay lever. Joints lubricated for life.  
**Option 2:** Hydro assisted power steering with independent circuit.  
Turning radius:  
-with brakes: 3,400 mm  
-without brakes: 3,900 m

### POWER TAKE OFF

6 spline shaft - 35 mm dia/1- $\frac{3}{8}$ "  
Fully independent: 540 rps at 2,160 engine rpm  
High-speed DTO (\*) 35 mm dia / 1- $\frac{3}{8}$ "  
same speed as engine  
(\*) for application of high speed implements.

### HYDRAULIC LIFT

With draft and position control. Draft control through top link, Gear type hydraulic pump driven from engine crankshaft. Pump capacity: 22.7 l/min  
Relief value opening pressure: 150-170 kg/cm<sup>2</sup>  
3-Point linkage Cat I-II  
Manual response control  
Lower links with sway restrictors  
Control Lever with safety stop.  
Max. Lifting capacity: 1,450 kg

### DRIVER`S SEAT

Fully upholstered with parallelogram suspension, adjustable to driver`s weight.

### CAPACITY

Fuel tank: 54 l  
Engine oil: 8 l  
Hydraulic Transmission: 18 l  
Rear Axle: 2+2 l at both sides  
Air Cleaner: 1 l

### BRAKES

Service dry band-type with mechanical control  
Parking: with hand lever

### TYRES

Front: 6.00-16  
Rear: 12.4/11-28

### BODY

Hood has side-hinged cover for engine inspection.  
Front grill is easily removable for quick access to air cleaner and battery

### LIGHTING SYSTEM

With 3-position headlights, plough lamp, blue high beam warning light on dashboard, low oil pressure warning light

### ELECTRICAL SYSTEM

12 Volt starting system, 3.35HP (2.5kw) starter motor, 400 watts alternator, 100 ah battery.

### FRONT AXLE

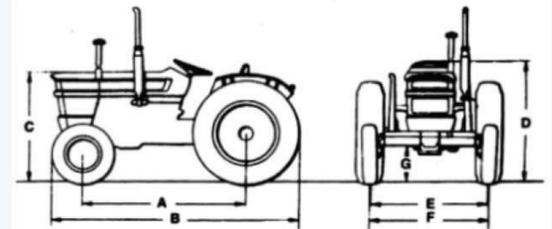
Telescopic type, inverted U, variable track

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### DIMENSIONS

(With 6.00-16 and 12.4/11-28 tyres)  
A. Wheelbase: 1,920 mm  
B. Overall length: 2,960 mm  
C. Height to top of hood: 1,390 mm  
D. Height to steering wheel: 1,490 mm

E: Front track (8 positions):  
from 1,320 to 2,020 mm  
F: Rear track (8 positions):  
from 1,200 to 1,900 mm  
G: Ground clearance under front axle: 480 mm



## AL-GHAZI TRACTORS LTD.

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**NOTE:** AL-GHAZI TRACTORS LIMITED RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT PRIOR NOTICE



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