



# NH-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

## REGIONAL SALES MANAGERS



Islamabad/Rawalpindi : 0321-4766609

Lahore : 0300-0205636

Multan : 0300-0205639

# 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;  
 Synchronesh 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 mm

### 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: 1400 Kg on lower links - Horizontal

### 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

Headlights (low/high beam) + Parking light, 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

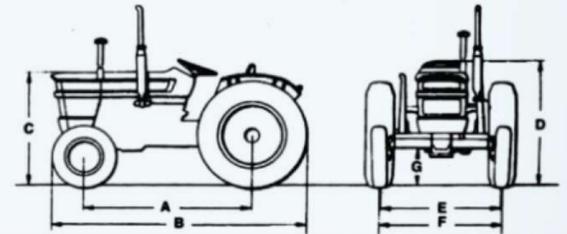
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### DIMENSIONS

(With 6.00-16 and 12.4/11-28 tyres)

A. Wheelbase: 1,940 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: Font 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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