

# NH-480

(55 Hp)

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## AL-GHAZI TRACTORS LTD

PRODUCERS OF NEW HOLLAND TRACTORS IN PAKISTAN



NEW HOLLAND



# NH-480

## 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: 100 x 115 mm  
Piston 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

### 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

### 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

### FRONT AXLE

Telescopic type, inverted U, variable track

### POWER TAKE OFF

6 spline shaft - 35 mm dia / 1- $\frac{3}{8}$ "  
Fully independent: 540 rpm 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 valve 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.

### STEERING

Manual, recirculating ball type, centre relay lever, joints lubricated for life

### BRAKES

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

### CAPACITY

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

### 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, 4hp (3kw) starter motor, 400 watts alternator, 100 ah battery.

### OPTIONAL

Canopy, Towing hook, Swinging Draw bar, Cold Starting aid, Front weight, High Clearance Kit, Low Clearance Kit, DTO pump applications and Creeper gear etc.

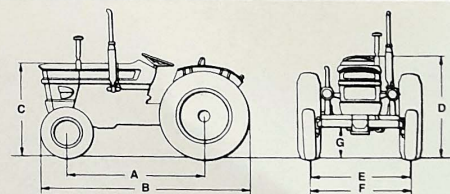
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### DIMENSIONS

(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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