



NH-640

— 75 HP —



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 &
country wide availability
of spare parts



Convertible to High
Clearance for efficient spray
on cotton crop.



High Traction, Speed &
Power Steering.

REGIONAL SALES MANAGERS



Islamabad/Rawalpindi : 0321-4766609

Lahore : 0300-0205636

Multan : 0300-0205639

NH-640

SPECIFICATIONS

ENGINE POWER

At flywheel 75 HP

OPERATING WEIGHT

2,070 KG

ENGINE

New Holland 8045.06
4-Stroke, direct injection diesel engine
Number of cylinder: 4
Bore and stroke: 100 x 115 mm
Piston Displacement: 3,613 cc
Flyweight type dynamic balancer.
Compression ratio: 17:1
Max. Torque at 1,400 rpm: 24.9 kgm
Dry-type cylinder liners.
Oil Cooler
Cooling system: water
Five-row, brass tube and copper fin radiator
Forced-feed lubrication system.
Two power outlets for hydraulic pump on timing over.
Distributor type injection pump with mechanical speed governor.
Exhaust muffler: vertical
Five bearing crankshaft.

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 inches
Plated facing of asbestos compound.

FRONT AXLE

Inverted U section, telescopic type.

TYRES

Front: 7.50-16
Rear 16.9/14-30

TRANSMISSION

Gearbox with constant-mesh gears: 8 forward and 2 reverse speeds. Synchromesh on 3rd, 4th, 7th and 8th speeds Double control lever. Bevel gear 12/47
Differential lock with pedal actuated and automatic disconnection.
Spur gear final drives.
Gear Box mounted starter safety switch.

FENDER

Square type with flat top.

TRACKS

Front (8 positions):
1,320- 1,420- 1,520- 1,620
1,720- 1,820- 1,920- 2,020 mm.
Rear (8 positions):
1,320- 1,420- 1,520- 1,620
1,720- 1,820- 1,920- 2,020MM

STEERING

Hydro assisted with independent circuit.
Minimum turning radius:
-with brakes: 3,400 mm
-without brakes: 3,700 mm

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 (at 2,400 engine rpm): 24.8 /min
Relief valve opening pressure: 190 kg/cm²
Response control,3-point linkage Cat I-II
Sway chains.
Lift lever lock bracket.
Max. Lifting capacity: 1700 Kg on lower links - Horizontal

DRIVER'S SEAT

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

BODY

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

LIGHTING SYSTEM

3-position headlights (parking, low & high beam). Rear parking lights.
Blue high beam warning light on instrument panel and low oil pressure & battery charging light. Direction Indicators, Parking & Head lights.

ELECTRICAL SYSTEM

12 Volt starting system, 4.7HP (3.5kw) starter motor, 400 watts alternator, 108 ah battery.

CAPACITIES

Fuel tank: 54 l
Engine oil: 11.5 l
Hydraulic Transmission: 18 l
Rear Axle: 4+4 l at both sides
Air Cleaner: 1 l
Power Steering: 1.5 l

BRAKES

Service dry band-type; mechanically operated.
Parking: manual lever.

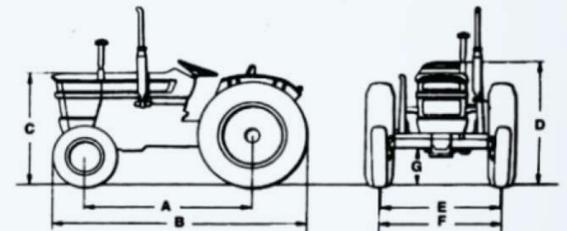
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DIMENSIONS

(With 7.50-16 and 16.9/14-30 tyres)

A. Wheelbase: 2,070 mm
B. Overall length: 3,200 mm
C. Height to top of hood: 1,430 mm
D. Height to steering wheel: 1,580 mm

E: Front track (8 positions):
from 1,320 to 2,020 mm
F: Rear track (8 positions):
from 1,320 to 2,020 mm
G: Ground clearance under front axle: 520 mm



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