

# NEW HOLLAND

## NH-640

75 HP RANGE

HYDROSTATIC POWER  
STEERING

TWO WHEEL DRIVE



**MADFI**



**NEW HOLLAND**

AGRICULTURE

# Specification

## ENGINE POWER:

Fly wheel 75 HP

## OPERATING WEIGHT:

With 7.50 - 16 and 16.9/14 - 30 tyres,  
hydraulic lift with 3 - point linkage cat. 1 - 2,  
30 kg front axle bracket guard,  
flat top fenders (with out any frame): 2,070Kg.

## ENGINE:

Fiat 8045.05  
4 - Stroke, Direct Injection Diesel.  
Number of Cylinders: 4  
Bore and Stroke: 104 x 115 mm  
Piston Displacement: 0,908 cu.cm  
Flyweight type dynamic balancer.  
Compression Ratio: 17:1  
Max. Power at 2,600 Rpm: 85HP  
Max. Torque at 1,600 Rpm: 29.70 Kgm  
Dry-type Cylinder Liners.  
Cooling System: Water  
Four-row, steel tube and fin  
radiator force-feed lubricated system.  
Two power outlets for hydraulic  
pump on timing cover.  
Distributor-type injection pump  
with mechanical or hydraulic speed governor.  
Five-bearing crankshaft.  
12 V Starting System.  
400 Watt Alternator  
110/120 Ah battery.

## FILTERS:

1) Air Filter: Oil-bath with pre-cleaner  
and automatic dust unloader;  
2) Fuel Filter: 2 replaceable cartridges;  
3) Oil Filter: Easy-to-change, full-flow cartridge.  
Exhaust muffler: vertical  
Capacity of fuel tank: 54 Liters

## CLUTCH:

Dual Plate, dry type with separate controls.  
Plate facing of asbestos compound.  
Diameter of plates: 11in

## TRANSMISSION:

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

## STEERING:

Hydro Static with Independent Circuit,  
Minimum turning radius:  
-with brakes: 3,400 mm  
-without brakes: 3,700mm

## POWER TAKE-OFF

1 - 3/8" 6 spline shaft.  
Standard: fully independent 540 rpm at 1,967 engine rpm.  
High-speed PTO\* (1 - 3/8" Shaft) engine speed rpm.  
(\* for application of belt pulley

## HYDRAULIC LIFT:

With draft and position control.  
Draft control through top link.  
Gear type pump driven from engine crankshaft.  
Pump capacity (at 2,400 engine rpm): 26.7 liter / min.  
Relief valve opening pressure: 190 kg/sq.cm.  
Response control.  
3 - point linkage cat. 1 - 2  
Sway chains and lower link retaining spring.  
Lift lever lock bracket.  
Max. lifting capacity: 2150 kg.

## TYRES:

Front: 7.50 - 16  
Rear: 16.9/14-30

## BODY:

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

## INSTRUMENT PANEL:

Separate temperature, fuel gauge & tachometer.

## LIGHTING SYSTEM:

Three-position headlights (parking, low and high beam).  
Blue high beam warning light on instrument panel. (ASAE)  
Adjustable Head lights mounted in front Big Indicator,  
Hazard & Parking lights

## STANDARD EQUIPMENT:

Chain Stabilizers, Check Chains, Spring-suspension  
Seat, Flat Top Fenders, Standard Tool Box with set of Tools,  
Weight Frame without weights,  
Top Link, Cat-2 balls, Operator's manual

## OPTIONAL EQUIPMENT:

- Front End Weights  
- PTO Pulley  
- AGRIPAK Sun Canopy  
- 9 Hole Draw Bar  
- Pintle/Trolley Hook

## BRAKES:

Service: Dry, band-type, mechanically operated.  
Parking: Manual lever on right side of operator.

## FRONT AXLE:

Inverted U Section, telescopic type.

## DRIVER'S SEAT:

Fully upholstered, with parallelogram suspension; adjustable.



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