

Fiat NH 640 S (2wd, 85hp) Specifications

ENGINE POWER:

Fly wheel 85 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): 2,100Kg.

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.

BRAKES:

Service: Dry, band-type, mechanically operated.

Parking: Manual lever on right side of operator.

FRONT AXLE:

Inverted U Section, telescopic type.

TREADS:

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 - 2,020 mm

STEERING:

Hydro Static with Independent Circuit, Minimum turning radius:

- with brakes: 3,400 mm

- without brakes: 3,700mm

DRIVER'S SEAT:

Fully upholstered, with parallelogram suspension; adjustable.

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 and battery.

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

DIMENSIONS:

(with 7.50 - 16 and 16.9/14 - 20 tyres)

A Wheelbase	2070
B Overall Length	3330
C Height to top of hood	1460
D Height to steering wheel	1610
E Front tread (8 positions)	1,320 + 2,020
F Rear Tread (8 positions)	1,320 + 2,020
G Ground clearance under front axle	540

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 Design)
- AGRIPAK Sun Canopy
- 9 Hole Draw Bar
- Pintle/Trolley Hook (AGRIPAK Design)