



# 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.

For Export Inquiry:

[www.alghazitractors.com](http://www.alghazitractors.com)

| [agtl.export@alghazitractors.com](mailto:agtl.export@alghazitractors.com)

UAN: +92 42 111 850 000

| Mobile: +92 321 4597901

| Tel: +92 42 36400484-99

# 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/cm<sup>2</sup>  
Response control, 3-point linkage Cat I-II  
Sway chains.  
Lift lever lock bracket.  
Max. Lifting capacity: 1,650 kg

### 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.

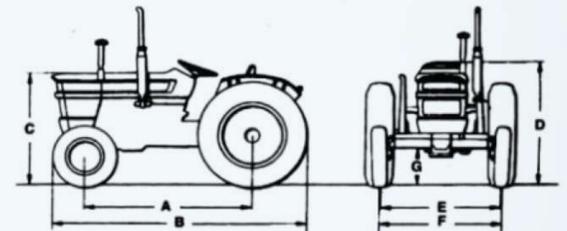
Al-Ghazi Tractors Ltd reserves the rights to change specifications without prior notice.

### 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



## AL-GHAZI TRACTORS LTD.

**Corporate Office:** Al Ghazi Tractors Limited, 9th Floor, Askari Corporate Tower, Main Boulevard, Gulberg Lahore, Pakistan.  
Ph: 04236400484 - 89

Email: muhammad.mohsin@alghazitractors.com | Website: www.alghazitractors.com

**NOTE:** AL-GHAZI TRACTORS LIMITED RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT PRIOR NOTICE



alghazitractorsofficial  
UAN: 042 111 850 000