



850

– ECO LIFT-O-MATIC –



Highly Fuel Efficient,
Powerful and Durable



Effective Cooling
System for longer
operations



Reliable 8 x 2 Synchromesh
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.

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		NH 850 STANDARD	NH850 LIFT-O-MATIC
ENGINE			
NO. OF CYLINDERS/ASPIRATION/VALVES	4/NATURAL ASPIRATED/2	✓	✓
CAPACITY (LTR)	3.9	✓	✓
COMPRESSION RATIO	17:1	✓	✓
RATED POWER @ 2500RPM (KW/HP)	62.5 / 85	✓	✓
MAX TORQUE @ 1600RPM (NM)	291	✓	✓
TRANSMISSION			
TYPE	CONSTANT MESH	✓	✓
NO. OF SPEEDS	8 FORWARD 2 REVERSE	✓	✓
SPEEDS WITH 18.4/15-30 REAR TYRES		✓	✓
MINIMUM SPEED / MAXIMUM SPEED (KM/H)	3.11 / 33.9 FORWARD , REVERSE 4.4/16	✓	✓
CLUTCH			
TYPE	DUAL PLATE, DRY-TYPE WITH SEPARATE CONTROLS (PEDAL FOR TRANSMISSION AND HAND LEVER FOR PTO)	✓	✓
DIAMETER (IN)	11	✓	✓
LINING MATERIAL	CERAMIC	✓	✓
POWER TAKE OFF (PTO)			
TYPE	MECHANICAL	✓	✓
ENGINE SPEED @ PTO 540RPM	2160	✓	✓
NO. OF SHAFT SPLINES	6	✓	✓
HYDRAULICS			
FUNCTIONS	DRAFT CONTROL, POSITION CONTROL	✓	✓
PUMP TYPE	FIAT PUMP (GEAR DRIVEN)	✓	✓
MAXIMUM RATED OUTPUT	21.8 LTRS	✓	✓
PRESSURE	MAX 195BAR @ NORMAL OPERATING TEMPERATURE	✓	✓
MAXIMUM LIFT CAPACITY (CAT 2 HORIZONTAL ARMS)	2626 KG (MANUFACTURERS ESTIMATE) WITHOUT LIFT-O-MATIC	✓	✓
LOWER LINKS	STANDARD 3-POINT, CAT 1 & CAT 2	✓	✓
LIFT-O-MATIC (OPTIONAL)			
FUNCTIONS	DRAFT CONTROL, POSITION CONTROL, FLOAT CONTROL, PRECISION CONTROL	—	✓
MAXIMUM LIFT CAPACITY (CAT 2 HORIZONTAL ARMS) REAR LOWER LINK	2854 KG MAX (MANUFACTURERS ESTIMATE) 195BAR @ NORMAL OPERATING TEMPERATURE	—	✓
STEERING			
TYPE	HYDROSTATIC POWER STEERING	✓	✓
TOTAL WEIGHT WITH BALLAST FRONT AND REAR (KG)			
FRONT AXLE	INVERTED U, TELESCOPING, CENTRE PIVOTING	✓	✓
NO. OF TRACKS	6 ADJUSTABLE TRACKS 1412 TO 2012 MM	✓	✓
BRAKES			
TYPE			
- SERVICE	OIL IMMERSED DISC BRAKES	✓	✓
- PARKING	SERVICE BRAKE UNITS ACTUATED BY HAND LEVER	✓	✓
CONTROL			
- SERVICE	MECHANICAL, LATCHED PEDAL	✓	✓
- PARKING	MECHANICAL, HAND LEVER	✓	✓
ELECTRICS			
STARTER	12V , 3KW (4HP)	✓	✓
BATTERY CAPACITY	12V, 110/120AH	✓	✓
ALTERNATOR	14V , 40A	✓	✓
INSTRUMENTATION			
GAUGES	TACHOMETER, TEMPERATURE AND FUEL GUAGE	✓	✓
WARNING LIGHTS		✓	✓
BATTERY CHARGE	1 (RED)	✓	✓
LOW ENGINE OIL PRESSURE	1 (RED)	✓	✓
PARKING LIGHTS	1 (GREEN)	✓	✓
HIGH BEAM	1 (BLUE)	✓	✓
TRACTOR TURN SIGNAL	2 (GREEN)	✓	✓
MOBILE CHARGING PORT		✓	✓
TYRES			
FRONT	7.50-16	✓	✓
REAR	18.4/15.30	✓	✓
CAPACITIES (LTRS)			
- FUEL TANK	65	✓	✓
- ENGINE OIL	11.5	✓	✓
- HYDRAULIC TRANSMISSION	29	✓	✓
- AIR CLEANER	1	✓	✓
DIMENSIONS			
(WITH 7.50-16FRONT & 18.4/15.30 REAR TYRE)		✓	✓
WHEELBASE	2320MM	✓	✓
OVERALL LENGTH MAX	3950 MM WITH FRONT BALLAST HORIZONTAL LOWER LINK	✓	✓
HEIGHT TO TOP OF HOOD	1480 MM	✓	✓
HEIGHT TO STEERING WHEEL	1700 MM	✓	✓
GROUND CLEARANCE UNDER FRONT AXLETT	490 MM	✓	✓
CANOPY		—	✓
TOWING HOOK		✓	✓

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

