



**NEW HOLLAND**  
AGRICULTURE

# NH-850

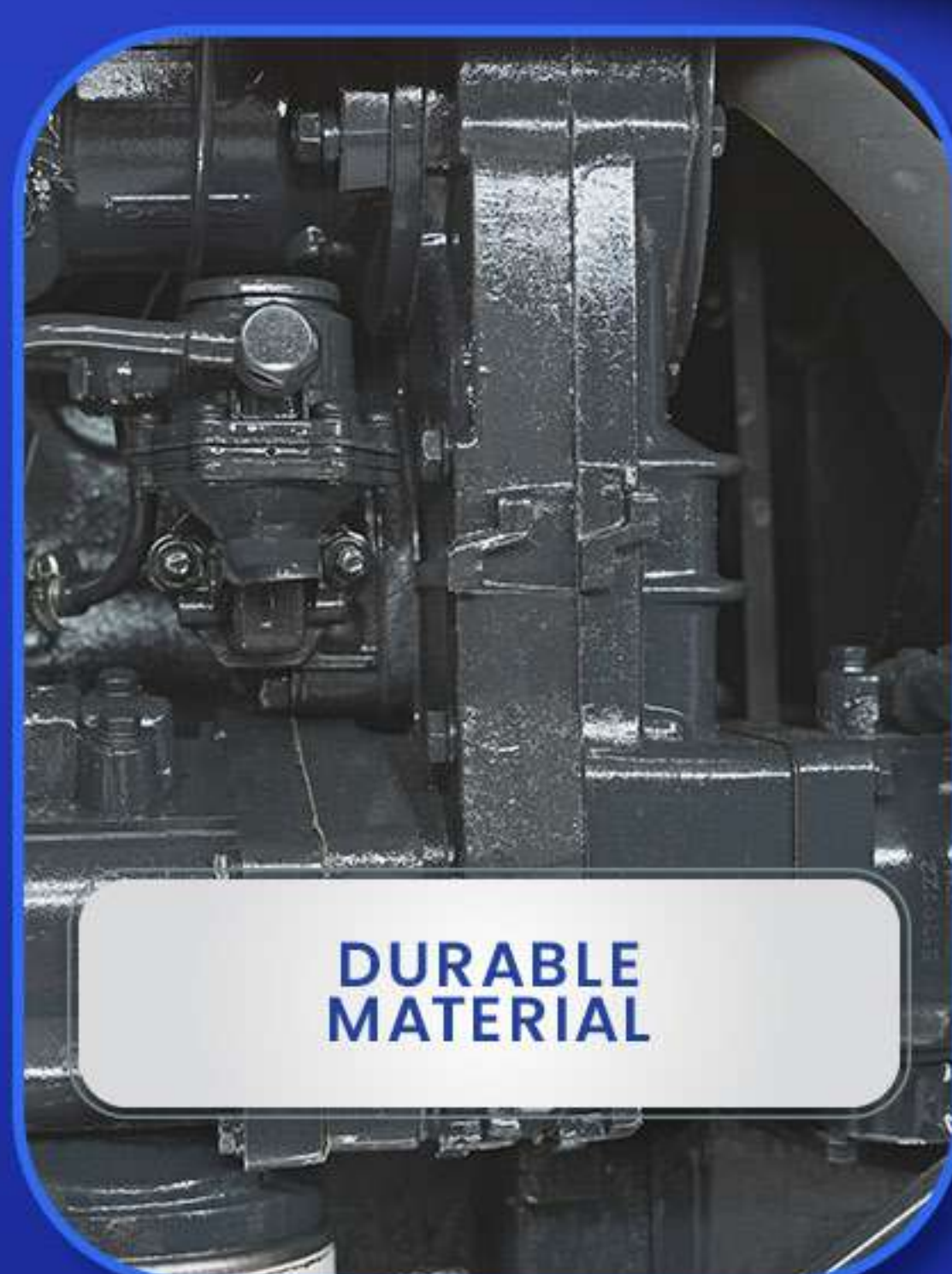
– ECO LIFT-O-MATIC –



EFFICIENT ENGINE  
COOLING SYSTEM



LIFT-O-MATIC  
PRECISION HYDRAULIC  
SYSTEM



DURABLE  
MATERIAL



RELIABLE SYNCHROMESH  
TRANSMISSION



EXTENDED STEERING  
ANGLE 45°

## REGIONAL SALES MANAGERS



Islamabad/Rawalpindi : 0321-4766609

Lahore : 0300-0205636

Multan : 0300-0205639

|                                                               |                                                                                             | NH 850<br>STANDARD | NH850<br>LIFT-O-MATIC |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|-----------------------|
| <b>ENGINE</b>                                                 |                                                                                             |                    |                       |
| 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                                                                                         | ✓                  | ✓                     |
| <b>TRANSMISSION</b>                                           |                                                                                             |                    |                       |
| 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                                                        | ✓                  | ✓                     |
| <b>CLUTCH</b>                                                 |                                                                                             |                    |                       |
| TYPE                                                          | DUAL PLATE, DRY-TYPE WITH SEPARATE CONTROLS (PEDAL FOR TRANSMISSION AND HAND LEVER FOR PTO) | ✓                  | ✓                     |
| DIAMETER (IN)                                                 | 11                                                                                          | ✓                  | ✓                     |
| LINING MATERIAL                                               | CERAMIC                                                                                     | ✓                  | ✓                     |
| <b>POWER TAKE OFF (PTO)</b>                                   |                                                                                             |                    |                       |
| TYPE                                                          | MECHANICAL                                                                                  | ✓                  | ✓                     |
| ENGINE SPEED @ PTO 540RPM                                     | 2160                                                                                        | ✓                  | ✓                     |
| NO. OF SHAFT SPLINES                                          | 6                                                                                           | ✓                  | ✓                     |
| <b>HYDRAULICS</b>                                             |                                                                                             |                    |                       |
| 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                                                             | ✓                  | ✓                     |
| <b>LIFT-O-MATIC (OPTIONAL)</b>                                |                                                                                             |                    |                       |
| 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                  | —                  | ✓                     |
| <b>STEERING</b>                                               |                                                                                             |                    |                       |
| TYPE                                                          | HYDROSTATIC POWER STEERING                                                                  | ✓                  | ✓                     |
| <b>TOTAL WEIGHT WITH BALLAST FRONT AND REAR (KG)</b>          |                                                                                             |                    |                       |
| FRONT AXLE                                                    | INVERTED U, TELESCOPING, CENTRE PIVOTING                                                    | ✓                  | ✓                     |
| NO. OF TRACKS                                                 | 6 ADJUSTABLE TRACKS 1412 TO 2012 MM                                                         | ✓                  | ✓                     |
| <b>BRAKES</b>                                                 |                                                                                             |                    |                       |
| TYPE                                                          |                                                                                             |                    |                       |
| - SERVICE                                                     | OIL IMMERSED DISC BRAKES                                                                    | ✓                  | ✓                     |
| - PARKING                                                     | SERVICE BRAKE UNITS ACTUATED BY HAND LEVER                                                  | ✓                  | ✓                     |
| CONTROL                                                       |                                                                                             |                    |                       |
| - SERVICE                                                     | MECHANICAL, LATCHED PEDAL                                                                   | ✓                  | ✓                     |
| - PARKING                                                     | MECHANICAL, HAND LEVER                                                                      | ✓                  | ✓                     |
| <b>ELECTRICS</b>                                              |                                                                                             |                    |                       |
| STARTER                                                       | 12V , 3KW (4HP)                                                                             | ✓                  | ✓                     |
| BATTERY CAPACITY                                              | 12V, 110/120AH                                                                              | ✓                  | ✓                     |
| ALTERNATOR                                                    | 14V , 40A                                                                                   | ✓                  | ✓                     |
| <b>INSTRUMENTATION</b>                                        |                                                                                             |                    |                       |
| 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                                          |                                                                                             | ✓                  | ✓                     |
| <b>TYRES</b>                                                  |                                                                                             |                    |                       |
| FRONT                                                         | 7.50-16                                                                                     | ✓                  | ✓                     |
| REAR                                                          | 18.4/15.30                                                                                  | ✓                  | ✓                     |
| CAPACITIES (LTRS)                                             |                                                                                             |                    |                       |
| - FUEL TANK                                                   | 65                                                                                          | ✓                  | ✓                     |
| - ENGINE OIL                                                  | 11.5                                                                                        | ✓                  | ✓                     |
| - HYDRAULIC TRANSMISSION                                      | 29                                                                                          | ✓                  | ✓                     |
| - AIR CLEANER                                                 | 1                                                                                           | ✓                  | ✓                     |
| <b>DIMENSIONS</b>                                             |                                                                                             |                    |                       |
| (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                                                                                      | ✓                  | ✓                     |
| <b>CANOPY</b>                                                 |                                                                                             | —                  | ✓                     |
| <b>TOWING HOOK</b>                                            |                                                                                             | ✓                  | ✓                     |

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

