

EN

103HV

BRANDNEW!



# 103 HV

## Tracked harvester

### Main Data

|   |   |
|---|---|
| Concept                                       | Tracked Harvester   |
| Deadweight                                    | ca. 12 to   |
| Measurements Transport Position ( h x w x l ) | Transport Position 3080 x 2150 x 7700 mm<br>Working Position 3080 x 2150 x 11000 mm |
| Pivoting Moment at max. Radius                | 14,6 kNm  |
| Traction Chassis                              | 91,5 kN   |

### Chassis and Slewing Gear

|                                   |                             |
|-----------------------------------|-----------------------------|
| Chassis Velocity                  | 2,44 km/h and 4,16 km/h     |
| Upper Structure Velocity          | 10,5 rpm                    |
| Upper Structure Pivoting          | boundless                   |
| Climbing Capacity                 | 21° (40%)                   |
| Standard Chain                    | Steel, 1-link, width 500 mm |
| Deck Length                       | 3350 mm                     |
| Chassis Clearance                 | 425 mm                      |
| Bearing Load                      | 0,36 kg/cm <sup>2</sup>     |
| Upper Structure forward, sideways | -                           |

### Engine Data

|                  |                                |
|------------------|--------------------------------|
| Engine           | John Deere 4045HFG82           |
| Tye              | 4-Zylinder Turbo-Diesel Engine |
| Cooling          | Engine Coolant, Charge Air     |
| Engine Size      | 4.500 cm <sup>3</sup>          |
| Rotational Speed | 1800 min-1                     |
| Performance      | 77 kW                          |
| Diesel Tank      | ca. 170 l                      |
| Alternator       | 24V / 140 A                    |
| Battery          | 24V / 2 x 135 Ah               |

### Crane

|            |                     |
|------------|---------------------|
| Crane Type | Neuson Forest Crane |
| Range      | 9,3 m               |

### Hydraulic System

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Hydraulic Pump                      | Axko Pump, Gear Pump              |
| Hoisting Performance                | 2x104 l/min + 47 l/min + 26 l/min |
| Operating Pressure                  | 300 bar                           |
| Hydraulic Pump                      | -                                 |
| Hoisting Performance Harvester Head | -                                 |
| Operating Pressure Harvester Head   | -                                 |
| Hydraulic Tank                      | 140 l                             |
| Return Flow Filter                  | Standard 20 µm                    |
| High Pressure Filter                | Standard 10 µm                    |

*Subject to technical modifications*