# SPECIFICATION SHEET

| | | |
|---|---|---|
| The undersigned: | | **Hedi Witte, Manager Product Compliance & Safety John Deere Werk Mannheim** |
| hereby certifies that the following complete vehicle: | | |
| 1.1. | Make: | **John Deere** |
| 1.2. | Type: | **E27** |
| 1.2.1. | Variant: | |
| 1.2.2. | Version: | |
| 1.2.3. | Commercial name: | **6M 130** |
| 1.3. | Category, subcategory and speed index of vehicle: | **T1a** |
| 1.4. | Company name and address of manufacturer: | **Deere & Company<br>Moline Illinois 61265/USA** |
| 1.4.2. | Name and address of manufacturer's authorized representative: | **John Deere GmbH & Co. KG<br>John Deere Werk Mannheim<br>John-Deere-Str. 90<br>68163 Mannheim/Germany** |
| 1.5.1. | Location of the manufacturer's statutory plate(s): | **on the right hand side of the chassis** |
| 1.5.2. | Method of attachment of the manufacturer's statutory plate(s): | **riveted** |
| 1.6.1. | Location of the vehicle identification number on the chassis: | **on the right hand side of the chassis** |
| 2. | Vehicle identification number: | 1L06130MTSX546542 |

| | |
|---|---|
| conforms in all respects to the type described in | |
| EU type-approval | **-** |
| issued on | **-** |
| and can be permanently registered in Member States having **right/left**-hand traffic and using **metric/imperial** units for the speedometer**.** | |
| (Place) (Date) Mannheim, 13.11.2025 Signature: |  |

**General construction characteristics**

| | | |
|---|---|---|
| 3.3.1. | Number of axles and wheels: | **2 / 4** |
| 3.3.2. | Number and position of axles with twinned wheels: | **-** |
| 3.3.3. | Number and position of steered axles: | **F** |
| 3.3.4. | Number and position of powered axles: | **F & R** |
| 3.3.5. | Number and position of braked axles: | **R** |
| 3.4.1. | Crawler undercarriage configuration: | **-** |
| 3.4.2. | Number and position of powered set of track trains: | **-** |
| 3.4.3. | Number and position of braked set of track trains: | **-** |
| 3.4.4. | Steering by: | |
| | - changing the speed between the left-hand side and right-hand side track trains: | **-** |
| | - pivoting of two opposite or all four track trains: | **-** |
| | - articulation of the front and rear part of the vehicle around a central vertical axis: | **-** |
| | - articulation of the front and rear part of the vehicle around a central vertical axis and changing the direction of the wheels on the wheeled axle: | **-** |

**Constructions characteristics for special purposes**

| | | |
|---|---|---|
| 47.1. | Vehicle equipped with falling object protective structures (FOPS) for forestry applications: | **no** |
| 47.2. | Vehicle equipped with falling object protective structures (FOPS) for other applications than forestry: | **no** |
| 55.1. | Vehicle equipped with protection against penetrating objects (OPS) for forestry applications: | **no** |
| 55.2. | Vehicle equipped with protection against penetrating objects (OPS) for other applications than forestry: | **no** |
| 58.3. | Vehicle equipped with cab classified for protection against hazardous substances of category: **1** and a **-** with regard to protection against hazardous substances**.** | |
| 59. | Vehicle with machinery mounted on it: | **no** |
| 59.1. | General description of the machinery and its inter-action with the vehicle: | **-** |

**Masses**

| | | |
|---|---|---|
| 4.1.1.1. | Unladen mass(es) in running order | |
| 4.1.1.1.1. | Maximum: | **7050** kg |
| 4.1.1.1.2. | Minimum: | **4750** kg |
| 4.1.2.1. | Technical permissible maximum laden mass(es): | **10450** kg |
| 4.1.2.1.1. | Technical permissible maximum laden mass(es) per axle: | |
| | Axle 1: | **4980** kg |
| | Axle 2: | **7270** kg |
| 4.1.2.2. | Mass(es) and tyre(s) | |

| Tyre combination No | Axle No | Tyre dimension incl load capacity index & speed category symbol | Rolling radius [mm] | Tyre Load rating per tyre [kg] | Maximum permissible mass per axle [kg] | Maximum permissible mass of vehicle [kg] | Maximum permissible vertical load on the coupling point [kg] | Track width [mm] | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Minimum | Maximum |
| 9 | 1 | **420/85R24 137A8/134B** | **625** | **2300** | **4600** | **10450** | **2945** | **1520** | **2012** |
| | 2 | **460/85R38 149A8/146B** | **825** | **3250** | **6500** | | | **1558** | **2095** |
| **Other mass(es) and tyre(s) see comments** | | | | | | | | | |

| | |
|---|---|
| 4.1.2.3. | Mass(es) and crawler undercarriage |

| Set of track trains No | Track dimensions | | Average contact pressure on the ground [kPa] | Maximum load per track roller [kg] | Maximum permissible mass per set of track trains [kg] | Maximum permissible mass of the vehicle [kg] | Maximum permissible vertical load on the coupling point [kg] |
|---|---|---|---|---|---|---|---|
| | length [mm] | width [mm] | | | | | |
| - | - | - | - | - | - | - | - |
| | - | - | | - | - | | |
| **Other mass(es) and crawler undercarriages see comments** | | | | | | | |

| | |
|---|---|
| 4.1.3. | Technically permissible towable mass(es) for each chassis/braking configuration of the R- or S-category vehicle: |

| Brake \ R- and S-category vehicle | Drawbar | Rigid drawbar | Centre-axle |
|---|---|---|---|
| Unbraked | **3500** kg | **3500** kg | **3500** kg |
| Inertia-braked | **16000** kg | **16000** kg | **16000** kg |
| Hydraulic braked | **35000** kg | **35000** kg | **35000** kg |
| Pneumatic braked | **35000** kg | **35000** kg | **35000** kg |

| | |
|---|---|
| 4.1.4. | Total technically permissible mass(es) of the tractor (T- or C-category vehicle) and towed vehicle (R- or S-category vehicle) combination for each chassis/braking configuration of the R- or S-category vehicle: |

| Brake \ R- and S-category vehicle | Drawbar | Rigid drawbar | Centre-axle |
|---|---|---|---|
| Unbraked | **13950** kg | **13950** kg | **13950** kg |
| Inertia-braked | **26450** kg | **26450** kg | **26450** kg |
| Hydraulic braked | **40000** kg | **40000** kg | **40000** kg |
| Pneumatic braked | **40000** kg | **40000** kg | **40000** kg |

**Ballast masses**

| | | |
|---|---|---|
| 29.2. | Number of sets of ballast masses: | **95** |
| 29.2.1. | Number of components on each set: | |
| | Set 1: | **1** |
| 29.4. | Total mass of ballast masses: | **60** kg |
| **Other ballast masses see comments** | | |

**Main dimensions**

| | | |
|---|---|---|
| 4.2.1. | For incomplete vehicles | |
| 4.2.1.1. | Permissible length for the completed vehicle: | |
| | Maximum: | - mm |
| | Minimum: | - mm |
| 4.2.1.2. | Permissible width for the completed vehicle: | |
| | Maximum: | - mm |
| | Minimum: | - mm |
| 4.2.1.3. | Height (in running order): | |
| | Maximum: | - mm |
| | Minimum: | - mm |
| 4.2.2. | For complete/completed vehicles | |
| 4.2.2.1.1. | Length for on-road use: | |
| | Maximum: | **4596** mm |
| | Minimum: | **3894** mm |
| 4.2.2.1.2. | Width for on-road use: | |
| | Maximum: | **2550** mm |
| | Minimum: | **2248** mm |
| 4.2.2.1.3. | Height for on-road use: | |
| | Maximum: | **3127** mm |
| | Minimum: | **2765** mm |
| 4.2.2.5. | Wheelbase: | **2580** mm |
| 4.2.2.8. | Track width: | |
| | Maximum: | |
| | Axle 1: | **2021** mm |
| | Axle 2: | **2275** mm |
| | Minimum: | |
| | Axle 1: | **1381** mm |
| | Axle 2: | **1396** mm |

**General powertrain characteristics**

| | | |
|---|---|---|
| 5.1.1.1. | Declared maximum design vehicle speed: | **40** km/h |
| 5.1.2.1. | Declared rearward maximum design vehicle speed: | **40** km/h |

**Engine**

| | | |
|---|---|---|
| 2.1. | Make(s): | **John Deere** |
| 2.2. | Type: | **4045HL555** |
| 2.2.2. | Type-approval number without extension: | **e5*2016/1628*2016/1628EV6/D*1086*** |
| 6.1.7. | Category and subcategory of the engine: | **NRE-v-6** |
| 6.2.1. | Combustion Cycle: | **four stroke cycle** |
| 6.2.2. | Ignition Type: | **Compression ignition** |
| 6.2.3.1. | Cylinders' number: | **4** |
| | and configuration: | **LI** |
| 6.2.8.1. | Fuel Type: | **B5 / - / -** |
| 6.2.8.3. | List of additional fuels compatible with use by the engine: | **-** |
| 6.3.2.1.2. | Declared rated net power: | **95,6** kW |
| 6.3.2.2.2. | Maximum net power: | **114,7** kW |
| 6.3.6.4. | Engine total swept volume: | **4525** $cm^3$ |

**Gearbox**

| | | |
|---|---|---|
| 11.2.8. | Type of transmission ratio change system: | **Automatic (gear change)** |

**Steering**

| | | |
|---|---|---|
| 13.2. | Steering category: | **power-assisted** |

**Braking**

| | | |
|---|---|---|
| 43.4.6. | Electronic braking system: | **no** |
| 43.5.1. | Braking transmission: | **power-assisted** |
| 43.6.1. | Towed vehicle braking control system technology: | **pneumatic** |
| 43.6.4. | Connections type: | **Two-lines** |
| 43.6.4.1. | Supply pressure Hydraulic: | |
| | Single line: | - kPa |
| | Two lines: | - kPa |
| 43.6.4.2. | Supply pressure Pneumatic: | |
| | Two lines: | **820** kPa |
| 43.6.5. | Presence of ISO 7638:2003 connector: | **yes / no** |

**Rollover protective structure (ROPS)**

| | | |
|---|---|---|
| 2.1. | Make(s): | **John Deere** |
| 2.2.2. | Type-approval number(s): | **OECD 4/2 184** |
| 46.1. | Equipment of ROPS: | **compulsory** |
| 46.2. | ROPS by: | **cab** |
| 46.2.1. | In the case of roll bar: | **-** |
| 46.2.2. | In the case of foldable roll bar: | |
| 46.2.2.1. | Folding operation: | **-** |
| 46.2.2.2.1. | Hand-operated foldable ROPS: | **-** |
| 46.2.2.4. | Locking mechanism: | **-** |

**Seating positions (saddles and seats)**

| | | |
|---|---|---|
| 49.1. | Seating position configuration: | **seat** |
| 49.4.2. | Driver's seat type category: | **category A class III** |
| 49.4.3. | Reversible driving position: | **no** |
| 49.5.1. | Number of passenger seats: | **1** |

**Load platform(s)**

| | | |
|---|---|---|
| 33.1.1. | Length of the load platform(s): | **-** mm |
| 33.1.2. | Width of the load platform(s): | **-** mm |
| 33.1.3. | Height of the load platform(s) above the ground: | **-** mm |
| 33.2. | Safe load carrying capacity of load platform declared by manufacturer: | **-** kg |

**Mechanical couplings**

| | |
|---|---|
| 38.3. | Rear mechanical coupling |

| | | | |
|---|---|---|---|
| Type: | | | **Clevis type mechanical coupling** |
| Make: | | | **Sauermann, John Deere** |
| Manufacturer's type designation: | | | **HS 1700-1KUD, DBC2LD-S, DBC2LD-D** |
| (EU) type-approval mark or -number: | | | **e1 00051 ND, e1 00507 NS, e1 00506 ND** |
| Maximum horizontal load/D-Value: | | | **-** kg / **97,1** kN |
| Towable mass (T): | | | **-** tonnes |
| Maximum permissible vertical load on the coupling point: | | | **2500** kg |
| Position of coupling point | height above ground | minimum | **362,5** mm |
| | | maximum | **1032,5** mm |
| | distance from vertical plane passing through the axis of the rear axle | minimum | **719** mm |
| | | maximum | **719** mm |
| **Other mechanical couplings see comments** | | | |

**Three-point lifting mechanism**

| | | |
|---|---|---|
| 39.1. | Three-point lifting mechanism: | **rear mounted** |
| 39.2. | Maximum towable mass: | **10000** kg |

**Additional coupling points**

| | | |
|---|---|---|
| 40.1. | Additional coupling points: | **no** |

**Power take-off(s)**

| | | |
|---|---|---|
| 51.2. | Main PTO: | |
| | Position: | **rear** |
| | if other specify: | **-** |
| 51.3. | Secondary PTO: | |
| | Position: | **-** |
| | if other specify: | **-** |

| | |
|---|---|
| 51.2.3. | Optional: Power at the power take-off (PTO) at the rated speed(s) (in accordance with OECD Code 2 or ISO 789-1:1990) |

| Rated speed PTO ($min^{-1}$) | Corresponding engine speed ($min^{-1}$) | | Power (kW) | |
|---|---|---|---|---|
| | Main PTO: | Secondary PTO: | Main PTO: | Secondary PTO: |
| 1-540 | - | - | - | - |
| 2-1000 | - | - | - | - |
| 540E | - | - | - | - |
| 1000E | - | - | - | - |

**Results of the sound level test (external)**

| | |
|---|---|
| Measured in accordance with Annex **II** to Commission Delegated Regulation (EU) 2018/985, as last amended by Commission Delegated Regulation (EU) **-/-** | |
| Moving: | **80** dB(A) |
| Stationary: | **76** dB(A) |
| Engine speed: | **2110** $min^{-1}$ |

**Driver-perceived sound level**

| | |
|---|---|
| Measured according to Annex **XIII** to Commission Delegated Regulation (EU) No 1322/2014, as last amended by Commission Delegated Regulation (EU) **2018/830** | |
| Driver's exposure to noise level: | **71/78** dB(A) |
| Test method used: | **Test method 2 in accordance with section 3 of Annex XIII to Commission Delegated Regulation (EU) No 1322/2014** |

**Results of exhaust emission tests (inclusive of Deterioration Factor)**

| | |
|---|---|
| Measured according to: | |
| Commission Delegated Regulation (EU) 2018/985, as last amended by Commission Delegated Regulation (EU) **-/-**: | **no** |
| or | |
| Regulation (EU) 2016/1628 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) **2018/989** (of the European Parliament and of the Council): | **yes** |
| or | |
| Regulation (EC) No 595/2009 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) (No) **-/-** (of the European Parliament and of the Council): | **no** |

| Emissions | CO (g/kWh) | HC (g/kWh) | NOx (g/kWh) | HC + NOx (g/kWh) | PM (g/kWh) | PN (#/kWh) | Test Cycle |
|---|---|---|---|---|---|---|---|
| NRSC | **0,011** | **0,019** | **0,019** | **0,038** | **0,001** | **6,05 x $10^{11}$** | **C1 RMC** |
| NR transient test | **0,1049** | **0,0281** | **0,0801** | **0,1082** | **0,0026** | **1,33 x $10^{11}$** | **-** |

| | |
|---|---|
| $CO_2$ result: | **720,30** |

**Comments:**

| | |
|---|---|
| **4.1.2.2.; 4.1.2.3.; 29.; 38.3.:** | **see attachment** |