

## **General Performance Description and Technical Specifications**

- The vehicle must comply with the current EU and DIN standards, construction guidelines, and other technical regulations of the German Road Traffic Licensing Regulations (STVZO), as well as accident prevention regulations. If required, these must be type-tested and marked with a valid test number. These features are to be confirmed in writing to the contracting party.
- Comply with the latest and recognized rules of technology
- Vehicle must have passed the Technical Inspection (TÜV) according to STVZO
- The vehicle must be free of defects upon handover
- The manufacturer assumes full product liability according to legal regulations

Additional conditions to be met:

- Personnel training must be conducted in the German language
- Technical documentation, information about the nearest service workshop as well as response time for maintenance personnel, shall be included in the offer.
- Deviations from the performance description must be immediately apparent.

### **1. General**

- 24 or 36 months warranty
- TÜV Inspection
- Transfer including training for operating personnel

### **2. Engine**

- 4-cylinder common-rail engine 120-140Kw (160-190HP)
- Torque 680 - 800Nm
- Heated fuel filter
- Utilization of advanced engine technology and latest exhaust technology

### **3. Transmission**

- Continuously variable transmission
- Infinitely variable driving speed from 20km/h-50km/h at reduced rpm
- Wear-free shifting from forward to reverse (not via clutch)
- Cruise control function
- Operation via multifunction joystick or accelerator pedal
- All-wheel and differential lock on front and rear axles

### **4. Power take-off**

- PTO 540E/1000/1000E rpm (actuation via mudguard)
- Front PTO 1000 rpm (additional external actuation)

## **5. Rear linkage**

- Rear linkage double-acting with external control on both sides
- Top link SK hydr. Cat. 3/2/90
- Front linkage Cat.2 position/relief with external control

## **6. Hydraulics**

- Hydraulic pump Load-Sensing system with 158 l/min delivery rate
- 4 double-acting valves rear (Load-Sensing system)
- 2 double-acting valves front (Load-Sensing system)
- Separate gearbox/hydraulic oil circuit
- Adjustable via terminal
- Operation via cross lever
- External hydraulic valve actuation

## **7. Cabin**

- Panoramic glazing
- Automatic climate control
- Pneumatic cabin suspension (front and rear)
- Comfort driver's seat incl. adaptive backrest and seat heating
- Electrically adjustable rearview mirrors incl. wide-angle mirrors
- Steering wheel incl. rotating handle
- Segment wipers
- 12 V ABS power socket
- 24 V ABS power socket
- Electric battery isolator switch
- Cabin floor mat
- Terminal holder for attachment control panel
- Control joystick for attachments integrated in armrest
- Fire extinguisher
- Radio with hands-free function, Bluetooth, and DAB
- Universal holder for mobile phones
- Preparation for roof-mounted EG control device
- 2 USB ports
- 1 cigarette lighter

## **8. Lighting**

- 7-pin socket at the front
- Rear work lights 4 pairs of LED
- Additional front lighting
- LED roof work lights at the front
- LED work lights on A-pillar and mudguards
- LED rotating beacon left and right, flat design (lights should be selected to avoid interference with radio reception during operation)
- Illuminated entry

## **9. Monitor systems**

- 4 in 1 display
- Night mode
- Colored
- Mirror and normal view

## **10. Structure**

- DL procurement system/2-line system
- Automatic trailer hitch 38 mm bolt
- Front fenders swiveling

## **11. Tires**

- Front 540/65 R28
- Rear 650/65 R38

## **12. Front loader**

- Incl. 3 hydraulic circuits
- Front loader damping system
- Front loader
- Pipe breakage protection/shut-off valve
- Throttle valve lift/lower speed control system mechanically
- The front loader must have the possibility of being equipped with a work basket. All safety-relevant parts and inspections should be present, TÜV tested

## **13. Preservation**

- Complete sealing of the chassis with all adjacent assemblies
- Polished paint and surface sealing

## **14. Additional equipment**

- 3-piece forestry protection equipment, including service openings and lowerable for easy access for cleaning
- Cabin (branch deflectors) and engine hood protection
- Cross-traffic space monitoring system incl. TÜV certificate
- Spiral fan with electronic control in the cabin

## **15. Documentation**

- Vehicle manual in German and English language
- Vehicle Registration papers (CoC paper, EC certificate of conformity)
- Vehicle Registration papers are needed two weeks prior to delivery for registration process
- Vehicle type classification (Typenschlüssel) need to be known at the German Federal Motor Transport Authority (Kraftfahrt-Bundesamt)
- Vehicle shall be delivered with evidence of ownership (e.g. purchase agreement) due to registration procedures