**Pick & Carry Materials Handling Machine SENNEBOGEN 730E M-HD**

2018 year model with 27662mh

- super wide axle gauge

- Special materials handling machine in very robust configuration with special boom kinematics and service friendly arrangement of set of machines

- SENNEBOGEN control & diagnostic system SENCON

- Emergency control function to ensure machine availability for limited operations by bridging the main functions

- State-of-the-art efficient hydraulic system using load sensing technology

- Powerful slew drive with large dimensioned slewing ring

- Eco-mode for diesel engine

- Automatic idle speed stop for diesel engine

- Automatic central lubrication for equipment and slewing ring raceway

- Automatic central lubrication for the undercarriage

- Pinion lubrication for slewing gear with lubrication pump, operated from cab, with special lubricant, pinion lubrication system and 360° protection for gear rim.

- Counter rotation of cooler ventilator to blow out cooler with automatic control

- Grab control with hold function, can be additionally activated by button for permanent hold

- Steering- direction control, switchable via range sensor and drive direction switch

- Change of driving direction, switched via range sensor and additional through a button at the right joystick with optical indication

- Camera system - base package with 2 cameras includes 1 colour monitor 7''

2 colour cameras: - 1x rear view camera, - 1x right side of the machine

**ENGINE:** CUMMINS engine QSB 6.7 - C225, 168kW/2000 rpm. Emissions according to US EPA Tier 4 final/EU stage IV, watercooled including electrically heated water separator with fuel prefilter 24V

**BOOM:** Special materials handling boom type K11 consisting of:

straight compact boom 8.0m straight and grab handling stick 4.5m curved with special materials handling kinematics, boom and stick cylinders featuring end position damping.

End position shut off for stick in function, safety check valves for boom and stick cylinders

**UNDERCARRIAGE:** Wheeled undercarriage MF36E without stabilizers, strong 60t special axles in increased super wide axle gauge version and extended wheel base 3.30 m. Strong infinitely all- wheel- travel drive via hydraulic brush- shifting motors and all- wheel steering. Industrial tires 12.00-20 (8 units), type Trelleborg T-900 - air tires. Protective device on and under the undercarriage for travel drive with ladder and tool box.

**CABIN:** SENNEBOGEN MAXCAB - cab with sliding door, elevation by 1.5m, mechanically hinged, resiliently mounted large-capacity operators’ place, with exceptional sound insulation, large-capacity compartment with excellent all-round visibility and new ergonomic designed control panels, tinted safety glass, front tilting window, skylight, wiper/washer system for front window, 2 halogen lights integrated in the front of the roof. Air suspended operator's seat with support for intervertebral disc, seat heating, safety belt and headrest for driver´s seat. Heating- Climateautomatic (air condition) with central control elements, outside air and circulating air stages, with particle filter, defrost circuit, adjustable air vents for optimum work environment. Full protection guard for cab - reinforced version.

**LIGHTING:** Lighting system 1: 2 pcs. H4 headlights mounted in the uppercarriage-frame on the front side left and right, 2 rear lights and 2 halogen lights integrated in the left front side of the cab roof. LED headlight with magnetic fixing support and 5m of cable for flexible connection in maintenance area.

**ATTACMENT:** SGH-2000.32 SENNEBOGEN Hydraulic Timber Grab; grab contents 2m²; self-weight without bucket suspension, stick pin and piping: 2050 kg; max. log length 4 m; max load capacity up to 5 t/m³; hydraulic rotary, with hose and quick couplings plus standard bucket suspension;

**OPTIONS:**

- hitch (up to 200kN pulling force, no vertical load) for wheeled machine.

- Blade, rear- mounted (over rear axle), width 3.3m - Fender for wheels - 4 pcs., galvanized

- Hand rail at the upper structure, removable for transportation, height 1100mm.

- SENNEBOGEN load stabilizer for the damping of load/ boom swinging in driving mode. Protection for operator and machine. - SENNEBOGEN Hydro-Clean: Hydraulic micro filter system with water absorption contamination indicator (higher oil purity and extended oil service life), equipment recommended especially when biodegradable oil is used - windscreen wiper for lower cabin front window with washer system - Sun protection for skylight and front windscreen - 2 LED headlights mounted on the basic boom, 2 LED headlights mounted on the stick, 2 LED headlight mounted on the cab, at the front side right, 4 LED headlights mounted on the roof of the cab for illumination at the back side and left/right side.

- Extinguishing system DAFO.