

Duty cycle crawler crane for heavy-duty implementation: SENNEBOGEN 6130 HD

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With the new heavy duty, 130 t class, duty cycle crawler crane SENNEBOGEN extends its product range for bauma 2013. The new SENNEBOGEN 6130 HD is particularly well-suited for heavy duty implementation in special underground engineering applications. With a power rating to 708 kW and a robust design, this machine is outstanding in demanding, dynamic implementation.

With over 60 years of experience, SENNEBOGEN develops and produces duty cycle crawler cranes to meet the most rigorous reliability and performance requirements, even under extreme conditions. Thus the new SENNEBOGEN 6130 HD is made for operation with large diaphragm wall grabs, and for pipework and leader operation. The newly developed machine is also impressive in the demanding area of wet extraction with dragline bucket, with the best performance values. The 6130 HD is powered by a 570 kW CAT diesel engine as standard equipment. Optionally a more powerful variant with 708 kW is available for harsh implementation in special underground engineering operation. The hoist rope that is delivered in thicknesses of 34 mm or 36 mm, transmits the force of the two winches to where it is needed. Two winch variants with 25 kN or 30 kW hoisting force can be installed and enable high rope speeds.

Robust components for the most rigorous requirements

A newly-designed boom has been specially configured for dynamic use requirements. Simultaneously a slewing ring with a particularly strong design with large gearing ensure high torque and robust operation. Thus a long service life is guaranteed even under high loads. As an additional innovation, the 6130 HD comes with a newly designed telescoping undercarriage. Retracted, the undercarriage has a transport width that measures less than 4.0 m. In use the machine has a comfortable 5.10 m stabilizing width and promises ideal stability. With the help of the hydraulically adjustable A-frame, the 6130 HD can also independently ballast itself, meaning it is operational in no time.

The SENNEBOGEN 6130 HD's sturdy mechanical components are particularly well-suited for dynamic tasks. Extremely wide, stable rope pulleys ensure reliable rope guidance of the available 34-mm and 36-mm rope and withstand even the highest stresses. In dragline bucket operation the 6130 HD is impressive with a newly designed fairlead in the lower boom section that ensures low-wear rope guidance and a long component service life.

The comfortable maXcab is good news for drivers, because it is superbly ergonomic, has a sliding door for easy entry, and offers outstanding all-round visibility. It is also equipped with the SENNEBOGEN control system, SENCON, which enables the operator to read off, monitor and manage all machine parameters from a central location.

SENNEBOGEN 6130 E-Series - in summary

- Two motorization variants:

CAT diesel engine 570 kW/ 775 PS - 1800

CAT diesel engine 708 kW/ 963 PS - 1800

- Robust and reliable:

Extra robust slewing ring with two strong slewing drives for dynamic work, large gearing for high torques

- Flexible modular system:

Variable boom lengths from 13.1 m to 57.9 m, fly boom and newly designed fairlead

- Easy to transport:

Telescoping crawler undercarriage under 4 m transport width with 5.10 stabilization width

- Modern maXcab comfort cab for sustainable relaxed work, excellent ergonomics and SENCON control and diagnostic system
- Highest safety standards:

Easily accessible maintenance, clearly organized arrangement, LED headlights, optional peripheral cameras

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