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**Location** Ort**:** *Vallant-Saint-Georges*

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**40 t duty cyle crane under high voltage:**

**SENNEBOGEN 640 E in operation for ADAM Frères**

**For three generations, the family company ADAM Frères has specialized in the extraction, distribution and transport of aggregates and public works.**

**The company is based in the Aube region and extracts raw materials near the Seine - recently with a 40 t SENNEBOGEN 640 E duty cyle crane.**

Close to its headquarters in Vallant-Saint-Georges, ADAM Frères has an operating licence for a 17-hectare site. The company's own facilities are capable of processing the extracted material and can therefore offer a wide range of products such as sand and gravel. The special feature of this site is that it is partly located under a network of high-voltage power lines. It was therefore necessary to ensure efficient extraction with a compact and versatile machine.

Managing Director Marc-Antoine Adam chose the SENNEBOGEN 640 E duty cyle crane, sponsored by the Grand Est region. Equipped with powerful 160 kN free-fall winches and its 186 kW motor, the machine is ideally designed for dragline shovel operations. Close to power lines, the boom measures 13.1 m in a compact configuration and is therefore perfectly adapted to the conveying depths to be reached. As soon as a larger working area is available at the beginning of 2021, the boom length will be increased to 15.9 m

**Specially designed for demanding and dynamic applications with a wide range of configuration options**

Thanks to its robust design, the SENNEBOGEN 40 tonner is not only suitable for use with a dragline bucket up to 2.3 m³, but also for operation with a leader, rope grab or hydraulic piping machines and drilling grabs up to DN 2000. Thanks to its multi-circuit hydraulic system and powerful rotary drive, the duty cyle crane can be used multifunctionally without restrictions. Thanks to its telescopic crawler track system it has a safe and stable strand on 700 mm 3-grouser base plates.

**Multifunctional, reliable and easy to transport**In addition to the flexibility and compactness of the machine, ease of transport was also a criterion in the decision to choose the duty cyle crane, as this allows ADAM Frères to work for other partners in the region. The SENNEBOGEN 640HD was equipped with a hydraulic ballast support system so that the machine can be mounted and dismounted quickly and safely. As a result, it can be transported to the site of operation with less than 30 t and is ready to start in no time.

Crane operator Charles Pers: "*The SENNEBOGEN 640HD is a modern and flexible machine. The Maxcab cab offers excellent comfort and the operation is sensitive and fatigue-free*".

**Captures:**

Picture 1+2

The 40 t SENNEBOGEN 640 E duty cyle crane impresses when quarrying under power lines with powerful 160 kN free-fall winches and a powerful drive

Picture 3

Excited about the comfortable Maxcab cab and the ergonomic controls: Crane operator Charles Pers