INNOVATIVE TECHNOLOGY
SHAPING THE FUTURE OF CONSTRUCTION

KOBOTS

Cutting robots for the construction industry





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Improve efficiency with mobile cutting robots

With KOBOTS' mobile cutting robot, panel work becomes fast, precise, and virtually dust-free. Enter your measurements in the user-friendly app on the included phone, and the robot handles the cutting with accuracy.

The transport stand with wheels makes it easy to position the robot directly at the work area. The included vacuum significantly reduces dust, improving the working environment and minimizing health risks.

At the same time, the robot reduces waste and leftover materials—saving both time and resources.



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Mobile cutting robot designed, developed and produced by KOBOTS in Denmark



Christina G. Dalsgaard
CEO - KOBOTS Company

"At KOBOTS Company, our mission is simple but ambitious: We want to make construction more efficient, safer and sustainable by bringing advanced technology and collaborative cutting robots into everyday life.

At the heart of our company is a team of dedicated employees, all driven by a common goal to transform the construction industry with our cutting robots, making the industry more flexible and better equipped for the future.

We look forward to showing you how our cutting robot can make a difference in your projects - so that together we can create the foundation for tomorrow's construction.

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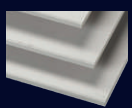
Cost savings

A customer case

PROJECT

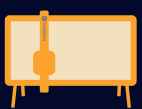


GYPSUM

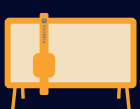
10.000 m²



5 PEOPLE



KOBOT X

			**Savings**
m²/day	**194**	**471**	**227**
Total days	**51**	**24**	**27**





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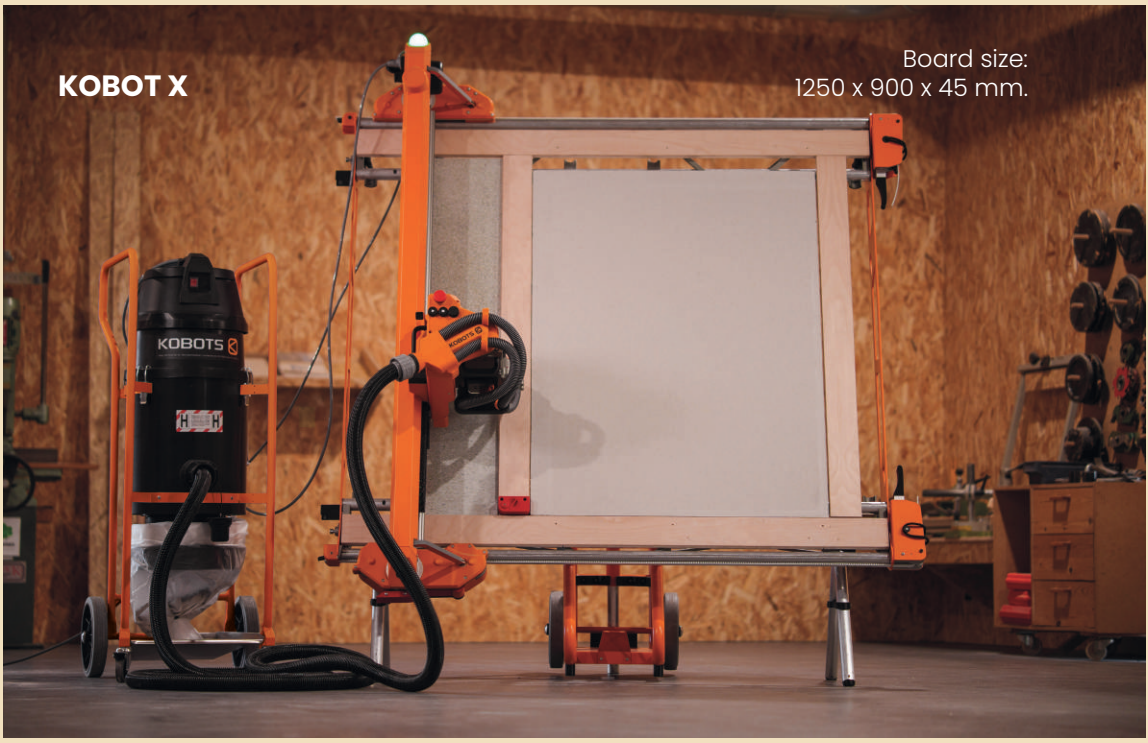

KOBOT X

Board size:
1250 x 900 x 45 mm.



KOBOT X
with the **Xtend** expansion module.

Board size:
1250 x 3050 x 45 mm.

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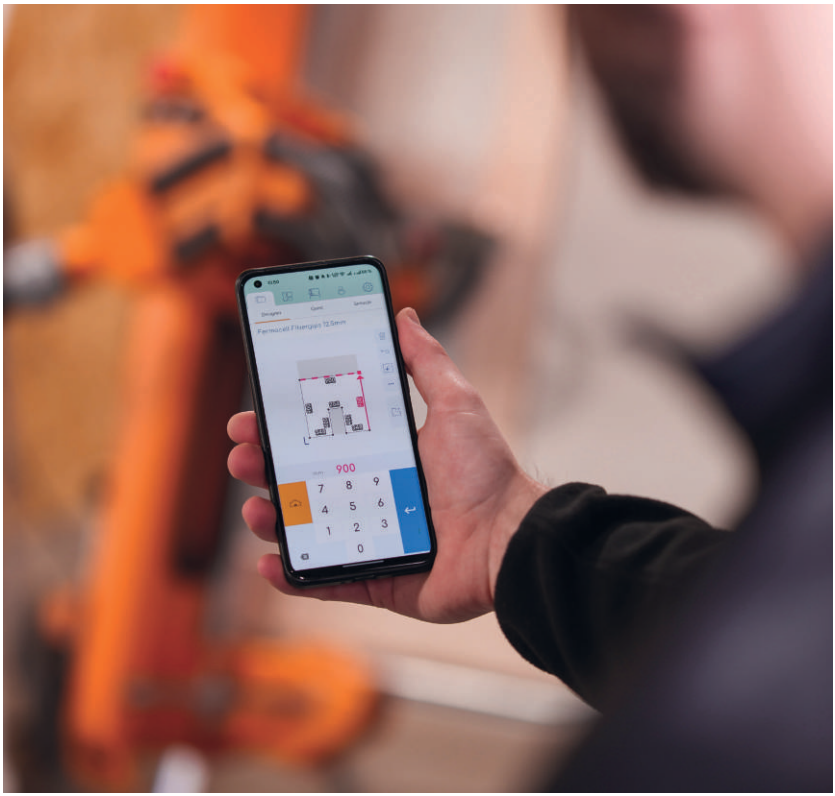
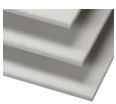


The cutting robot can handle a wide range of board materials – up to 45 mm.

FIBRE GYPSUM



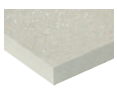
GYPSUM



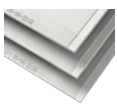
PLYWOOD



SWISSPEARL



ULTRA BOARD



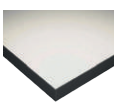
CEMENT-BONDED WOOD WOOL PANELS



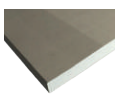
OSB



LAMINATE



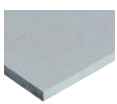
HABITO



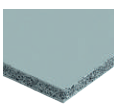
GLASROC



FIBRE CEMENT



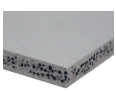
CEMENT-BASED BOARDS



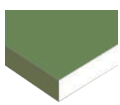
HPL



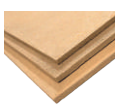
POWERPANEL



WIND PANELS



CLAY PLATE



MANY MORE



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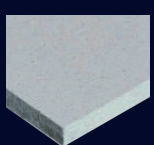
Significant dust reduction

When the KOBOT cutting robot is connected to the vacuum cleaner, it effectively captures almost all of the dust during cutting, reducing dust levels by up to 98% compared to a traditional plunge saw. This results is a cleaner workspace and a healthier environment for both you and your colleagues.

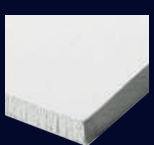
Improve your work environment when cutting boards with a KOBOT and reduce dust by:

The dust test was conducted in a controlled test chamber and shows the following results:

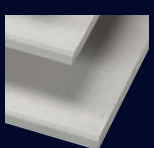
98%
FIBRE GYPSUM



89%
FIBRE CEMENT



83%
GYPSUM



56%
PLYWOOD



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Precise cutting

Precision is essential in cutting work. With our technology, the cutting robot ensures flawless performance—so you always achieve an accurate result.

Innovative technology
Perfect cutting surfaces

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Avoid occupational injuries

Many people in the construction industry experience fatigue and workplace accidents. A cutting robot from KOBOTS **reduces the risk of cutting accidents and poor posture.** Simply enter the desired dimensions in the app and the robot will do the gruelling cutting work.

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Reduced material waste

Globally, around 35% of all waste comes from the construction industry, and up to 30% of all materials delivered to a construction site end up as waste

KOBOTS' app helps optimize the use of each individual board — saving you money, reducing waste, and enabling more sustainable work.

Reduced material waste
Optimize material usage
and save both money and resources



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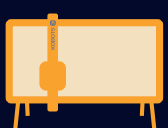
Cut noise in half

Compared to a plunge saw, the cutting robot reduces noise levels by **50%**. The robot emits **83.2 dB(A)**, while a traditional plunge saw typically reaches **92.9 dB(A)**.

According to BFA, the human ear perceives a doubling or halving of noise at a difference of 8–10 dB—making the reduction clearly noticeable.



KOBOT cutting robot

83.2 dB (A)



Plunge saw

On average

92.9 dB (A)

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KOBOTS

KOBOTS Company ApS
Lind Hansens Vej 13H
5000 Odense C
Denmark
Tel. (+45) 70 20 32 12
Mail sales@kobots.dk

Follow us

kobots.com

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