



Efficient and ergonomic tile cutting with **Cut'n Move**

Create a better working environment with a tile-cutting robot from Odico

Introduction

At Odico, we want to help transform the construction industry with intelligent use of robotics to create a better working environment and higher efficiency.

That's why we are proud to introduce you to our tile cutting robot, Cut'n Move!

Cut'n Move is a revolutionary, mobile robotic solution for on-site cutting of bricks, tiles, and other materials. In fact, Cut'n Move is the first product of its kind on the international market, designed to help pavers from the tedious and demanding work of tile cutting.

In this catalogue we will show you how Cut'n Move improves the working environment for with greater precision and efficiency. In addition, we give you an overview of the different components and the optional extras that allow you to create your own individual configuration.

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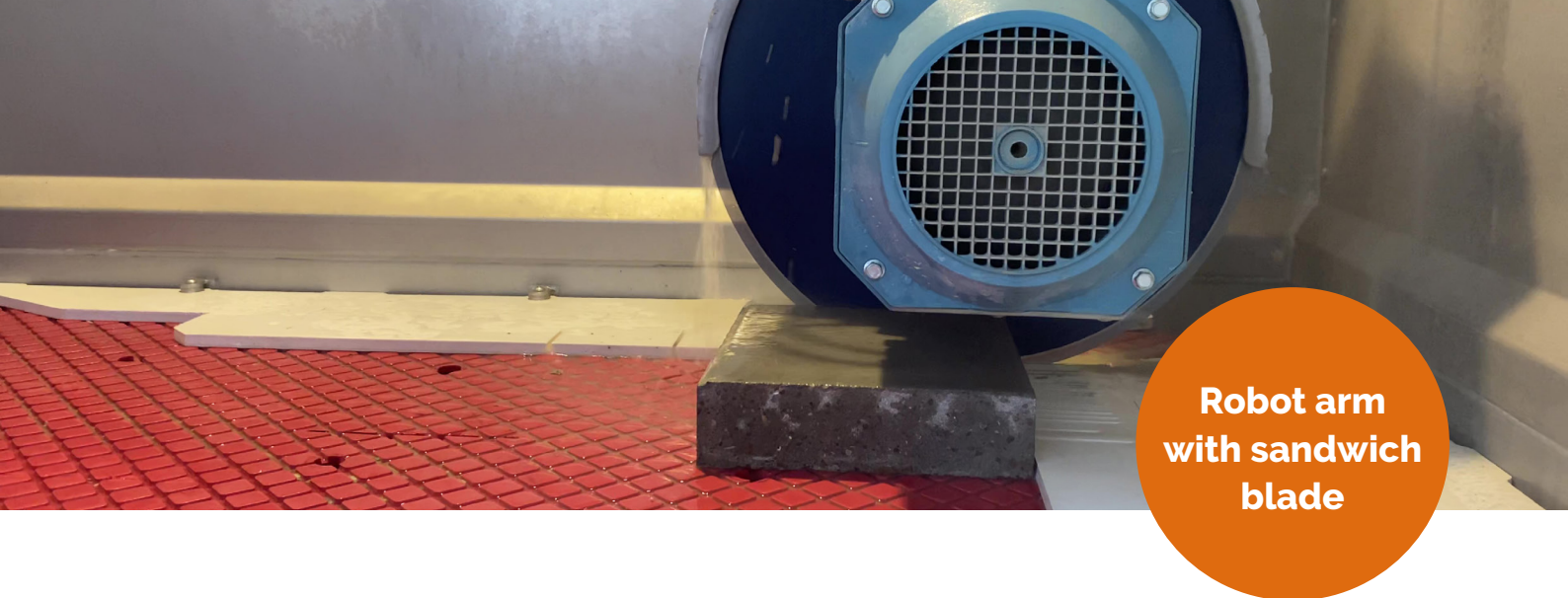
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Cut'n Move gives you high precision in every cut

Cut'n Move is built around the ABB IRB 2600 robotic arm. This 6-axis industrial robot was chosen because it provides a very high degree of precision packed into an extremely compact design.

At the same time, the robot arm from ABB is both fast and flexible, enabling even complicated cuts to be performed with great precision and speed.

FACT BOX ABOUT THE BLADE

The robot is equipped with an interchangeable sandwich blade for wet cutting. You can choose the size and type of blade suitable for the cut.

- With a 350 mm diamond blade you can cut 14 centimeters thick
- With a 400 mm diamond blade you can cut 16.5 centimeters thick

The diamond blade typically cuts:

- Concrete tiles, ceramics, granite, bricks, marble, and natural stone.
- The size of the piece can range from 10 x 10 to 60 x 80 cm and from 1 to 16,5 cm thickness.





**iPad
control**

Robotics has never been easier to operate

The robot is operated from a regular iPad; with essentially three icons to relate to:

01 Material Menu	02 Design Menu	03 Production Menu
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First, the dimensions of the tile are entered in either mm or cm. Then you select how the cut is to be laid; for example, lengthwise, crosswise or a bevel cut. Finally, the part of the tile that will be used is marked on the iPad and the robot compensates for the thickness of the blade. If the same cut is made repeatedly, entries can be saved and reloaded as required. The iPad will show two green lights when all three doors are closed, so cutting can be done safely.

EASY AND USER-FRIENDLY OPERATION VIA IPAD

The technology behind Cut'n Move's iPad operation is powered by Odicos operating system, Sculptor®, which lets anyone work with robots at the touch of an iPad.

Sculptor® has been developed with the ordinary user in mind, who does not have any prior knowledge of robots. This means that robot-operated tools are no longer only available to factories and institutes, but also on ordinary construction sites.

WANT TO TRY FOR YOURSELF HOW EASY IT IS TO OPERATE CUT'N MOVE?

Then we will be happy to visit you at construction site.

[Order a demo by clicking here →](#)



Easy daily cleaning and lowered noise and dust pollution

Cut'n Move is built into an enclosed trailer, which makes it always easy to transport. With a total weight of approximately 2 tonnes, it can be towed by cars and vans.

The enclosed trailer gives you three major advantages:

1. The enclosure of the moving parts ensures a high level of safety
2. Noise and dust pollution are minimized, as the cutting takes place in an enclosed space
3. Daily cleaning is quick and easy as everything is kept inside the trailer

FACT BOX ON NOISE IN URBAN AREAS

Construction work can disturb residents in urban areas, which is why there are a number of rules about this in most European towns and cities. Environmental nuisances such as noise, dust and vibration must be in accordance with the rules of the given area, where the work takes place - in many places, noisy activity may only be carried out for a limited period of the day.

Cut'n Move makes it easy to minimize pollution in the form of noise and dust, so work in urban areas and close to housing can take place.





**Rental
options**

Rent a Cut'n Move when you need it!

Maybe you only need Cut'n Move for certain projects.

That is why it can be inappropriate to invest in a machine that then sits unused for half the year.

To avoid this, we offer a rental option. The hourly rate can be as low as 33 euros per hour with a daily rent of 420 euros, and a monthly rate of 3,960 euros.

Book a Cut'n Move for your next project and read more about the conditions on the button below.

Rent a Cut'n Move >



Get an individual configuration that to suit your needs

The tile cutting robot can be individually configured to meet the needs you have. We offer these 3 options, among others:

1. A crane arm where it is possible to attach an electric hoist with grapple or vacuum lifter
2. A built-in generator, which ensures operation in places without connection to electricity
3. Automatic levelling for easy set-up on uneven terrain.

These three add-ons ensure you who have special needs.

- Cut'n Move is designed with ergonomics in mind for the paver who operating it. With the addition of a crane arm, it's easier than ever for the paving operator to work in an ergonomic, upright position.
- If Cut'n Move is to be used without access to electricity, it is possible to purchase a generator
- If you often work on uneven terrain, automatic levelling can save you working time with manual levelling

Shall we have a talk?

Are you interested in learning more about the possibilities of automatic tile cutting with a Cut'n Move tile cutting robot, please contact us.

We are always ready for a no-obligation chat. If you want to see Cut'n Move in action, we would also be happy to visit you.



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About Odico

Odico is a world leader in robotics for the construction industry. With standard robots, proprietary hardware, and our groundbreaking software, we have created scalable mobile robotic solutions under the Factory on the Fly® concept for a changing, under-automated and climate-challenged construction industry.

One of Odico's robots is the Cut'n Move tile-cutting robot, built into an enclosed standard trailer. With a total weight of only 2 tons, it can be towed by ordinary cars or vans. The whole system is operated by an iPad - so easy anyone can learn it in under 5 minutes.