

GO GREEN. BUY AN ORANGE MACHINE.

JOIN US ON THE GREEN ROAD AHEAD

When you choose an Orwak solution, you invest in a machine that is produced by using 100 % green power and in a brand that engages in climate compensation and promotes sustainability!



PURE GREEN POWER IN OUR FACTORY

We feel a strong commitment to the environment, when we design waste compaction equipment that promotes recycling and contributes to reduced CO₂ emissions. So it is a natural decision for us to only use energy from renewable sources - wind and water power - produced in Sweden, when manufacturing our machines in the Orwak factory.



CAPTURING CO₂ IN THE AIR AND STORING IT SAFELY UNDERGROUND

What if we could turn back time and reverse the past CO₂ emissions? What if there was a giant vacuum cleaner that cleared the air? In a way, now there is! Orwak is proud to support the Direct Air Capture project, based on the Swiss company Climeworks' amazing innovation that captures CO₂ from the air and safely pumps it underground, where it is transformed into stone over time! It is a concrete, effective and permanent solution! A real and inspiring action to reverse climate change!



Direct Air Capture - Let's reverse climate change!

The Swiss company Climeworks fights the climate change and removes carbon dioxide from the air by capturing it and storing it safely and permanently underground.



It is not a futuristic vision from another planet - this is happening now in Iceland.

It might seem futuristic or like images from another planet, but it is real and the Direct Air Capture plant in Iceland, where the geothermal conditions are ideal, is in operation. The construction of the new plant "Orca" is well under way and it will capture 4000 tons of CO₂ per year- making it the world's biggest climate-positive facility to date!

Leading scientific studies indicate that by 2050, 10 billion tons of carbon dioxide will need to be removed from the air every year. Direct air capture is a concrete and effective solution that helps to achieve this goal. Combined with permanent storage, direct air capture is a form of carbon dioxide removal. Climework's technology runs exclusively on green energy and the modular CO₂ collectors can be stacked to build machines of any size.

Climeworks - An innovation to reverse climate change



How it works - the technology behind it



BENEFITS

- + Natural
- + Effective
- + Permanent through underground mineralization
- + In contrast to emissions reductions or offsets that prevent additional CO₂ from entering the atmosphere, Climeworks' solution removes historic and unavoidable emissions from the air.

Underground mineralization - a natural process

