

TILT THE ADVANTAGE IN YOUR DIRECTION

with the



noX

TILTROTATOR RANGE



5 Great Reasons why you should own a KINSHOFER **noX** Tiltrotator

01 PRODUCTIVITY AND PROFITABILITY



You've probably heard this a lot recently: *"You can increase your efficiency and profitability with a tiltrotator"*. We think this is very true. Why? The sheer flexibility and maneuverability provided by a NOX Tiltrotator means you'll experience less movement of your machine on-site, fewer position changes, reduced machine wear-and-tear and less damage to the environment. All this results in a reduction of both fuel consumption and the time taken to complete jobs, meaning you can take on the next job sooner. You'll also turn your excavator into a versatile tool carrier – and with Kinshofer's large range of tiltrotator attachments you'll be able to take on a much wider variety of jobs.

What's more, the unique features of a NOX Tiltrotator mean that working in the narrowest trenches or underneath pipes and in confined places is made much easier, as there are no cylinders or protruding parts to get caught or damaged and impede your progress – together with an impressive 50 degree tilt angle. The construction industry is a very competitive environment which makes it hard to run a profitable business, so downtime needs to be avoided at all costs. Using a tiltrotator definitely puts you and your business ahead of the pack – experienced operators will on average increase their efficiency by at least 20-25%, depending on the exact nature of job. That means the investment will pay for itself in under one year.

See for yourself: <https://www.youtube.com/watch?v=yywYHCkhscw>

02 SAFETY

As you'd expect, there's also a great deal of discussion around safety. As an owner/operator, you don't want to put your crew or anyone on the jobsite at risk. The KINSHOFER NOX Tiltrotator certainly complies with current



safety regulations and provides you with features to cope with all kinds of relevant safety concerns. Here are just a few: using a tiltrotator requires less 'helpers' around the machine, as most jobs can be handled solely by the operator. In addition, the NOX features innovative and compliant components, such as a safety quick hitch and control system, that help to ensure safe operation. And of course, by using a tiltrotator, you don't need to constantly move the machine to be in the correct position – with the NOX you let the tilt and rotate functions position the tool accurately. Using a fully hydraulic quick hitch, such as the *OilQuick System*, also means hydraulic attachments can be changed even faster, as you don't have to leave the cab to disconnect/connect any hoses.

03 VERSATILITY AND FLEXIBILITY



As an owner/operator, this may also sound familiar: *'I can't take on the job because I don't have the right tools to do it.'* Now you can – another huge advantage with the NOX Tiltrotator is its 'tool changing' versatility, allowing you to connect any tool needed to complete the majority of construction tasks. As a one-stop-attachment-provider, KINSHOFER not only supplies the NOX unit, it also manufactures a vast array of relevant attachments. These are specifically designed to work with a tiltrotator, enhancing the inherent advantages and complementing the natural geometry. Any number of attachment combinations and packages are available, so you can create the ideal package to suit your set-up. A great example is the NOX Tiltrotator and HPXdrive grab – no cylinders on either of the tools to reduce maintenance and provide the ultimate 'compact combo' for your machine.

04 READY FOR THE FUTURE



All KINSHOFER NOX Tiltrotators can be supplied with 2 rotation sensors and 1 tilt sensor, so you'll be able to install 3D Machine Control technology – a real breakthrough in the semi-automation of construction machinery. With the control system, you'll easily be able to adjust the bucket (blade) in any tilt or rotate position, without being influenced by the surface incline. The system can also be linked to digital construction plans and layout drawings, so you can shape the jobsite accurately and efficiently. The KINSHOFER NOX Tiltrotator uses its proprietary CSP NOX Prop Control System, which is also compatible with leading 3D System manufacturers such as Leica, Trimble, Moba and Topcon.

05 THE TIGHT LABOUR MARKET

As an owner you know how difficult it's become to find skilled personnel. Adding a NOX Tiltrotator to your fleet may remedy this problem. Not only will you need less staff to do more work – as the operator will be able to



complete most tasks themselves using the NOX and additional attachments – but by making the operator's job more interesting, you'll be able to attract and retain young operator talent. Imagine how much more fun it is to run a machine with a tiltrotator than a 'normal' excavator, equipped with just a bucket. Boring, right? We've seen so many enthusiastic operators increase their creativity in the way they go about their work when able to use a tiltrotator, improving the quality and efficiency of their output. They proudly demonstrate their virtuoso skill and ability with the new 'tilty' technology, representing a new generation in the ever-changing landscape of the modern construction industry.

