

Welcome to engcon and Bauma 2016!

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At our stand no. FM.708/3 at Bauma 2016, we will be presenting several new products and explaining more about how a complete system for the excavator will be profitable, flexible, safe and versatile.

What is a tiltrotator?

Exactly what it sounds like!

A tiltrotator converts the excavator to a flexible and profitable link in all projects. The tiltrotator is the excavator's wrist and a key function: a smart accessory for buckets or other tools that provides the operator total precision and entirely new possibilities in his or her work.

With a tiltrotator on the machine, the bucket or chosen tool can be tilted 45 degrees and rotated 360 degrees around its own axle. This makes the possibilities limitless. The excavator can stay in the same place, but nonetheless work in every direction by tilting, turning, swivelling and rotating its tool into various positions.

Why a tiltrotator?

Excavator with maximal capacity.

A tiltrotator offers many advantages:

- Increased profitability
- Improves the efficiency of the excavator work
- Saves fuel through fewer machine moves
- Saves the environment through less fuel consumption and fewer machine moves
- Reduces soil impact through fewer machine moves
- More tools for the same excavator increase the degree of utilisation
- Reduces the need for backfill material

- Reduces the areas to cordon off
- Reduces the need for manual labour
- Saves time
- Increases the possibility of new kinds of jobs
- Increases the possibility of more jobs as the work is made more efficient

Increased flexibility

- The bucket/tool can be tilted 45 degrees and rotated 360 degrees
- Enables precision excavation
- Simpler backfill work
- The operator can reach without constantly having to move the excavator
- The built-in quick hitch provides the capability to replace and use several different tools.
- Increases the range of new kinds of jobs for the excavator
- One machine can be used for several kinds of work

Increased efficiency

- Saves time by reducing the number of machine moves
- Saves time through easy tool replacements
- The machine can reach in more places
- The machine fleet does not need to be expanded and renewed since more steps can be done with the same machine - excavating, levelling, sweeping, lifting, grasping, compacting, etc.

Increased safety

- Simplifies many work steps

- Reduces the need for manual labour
- Reduces the need to move the machine
- Replacement of tools from the operator cab with hydraulic quick hitch
- The operator has better reach and can then safely position the machine

How and when does a tiltrotator work?

The excavator's flexible wrist

The tiltrotator is connected directly to the excavator's arm or to the excavator's quick hitch.

Tools or buckets are then easily connected under the tiltrotator. The tiltrotator then works as the excavator's flexible wrist and allows the operator to reach even difficult positions without moving the machine. The operator easily switches tools without leaving his or her place in the cab.

Tiltrotators suit all kinds of excavation work including:

- Electrical, telephony and broadband
- Building & civil engineering
- Ground levelling
- Roads
- Railways
- Pipe laying
- Precision work on narrow surfaces in varied terrain.
- Precision and sensitivity without damage to the soil in sensitive environments.

A smaller number of machine moves provides greater safety, reduces the need for cordoned off areas, and provides greater accessibility. One machine, lots of different tools - endless possibilities in all kinds of

projects with excavators or excavator loaders.

Why engcon?

A world-leading cooperative partner engcon has more than 25 years' experience of tiltrotators and is the only manufacturer that takes care of the entire solution:

- Quick hitch for the excavator
- Tiltrotator with associated quick hitch
- Tools and accessories
- Control systems, etc.

Thanks to this, engcon can take full responsibility for safety where other manufacturers instead buy in different parts from different suppliers. No other tiltrotator manufacturer can offer this control.

We do everything necessary to create a complete package so our customers get the most out of their machines. Therefore, we help with installation and service and of course have all spare parts in place. Our dealers and service points are around the world.

Safety and profitability

We supply unique products and also offer services for a complete and profitable investment. engcon is world leading in its field and develops and improves the environment and safety for operators, the environment and contractors. A concept where a simple system provides optimal flexibility.

We have:

- Innovative products
- Unique quality
- Market-leading cooperation partners
- Complete systems – everything from the same supplier
- Sustainability

- Safety standard

How?

engcon's tiltrotators are market leading and the basis of a profitable business. With engcon's advantages, it is easy to improve efficiency and simplify various kinds of excavation work. To strengthen the function of the machine fleet, there is also our range of tools and accessories that further increases safety and efficiency. We also offer service, spare parts and training. Our dealers and service points can be found worldwide. engcon increases efficiency and profitability.

Which engcon?

How you should choose a tiltrotator and other accessories largely depends on what machine will be equipped. We have tiltrotators for all excavators of sizes 1.5-32 tonnes. Our accessories and tools naturally fit your engcon tiltrotator regardless of which one you have chosen.

Who is engcon?

For more than 25 years, we have worked to simplify our customer's daily lives. Our conviction is that it should be profitable and safe to choose tiltrotators, tools and accessories from engcon. Through our experience and good relationships with our dealers and customers, we have learned what is important. We continuously listen, adapt, develop and improve our products. We also offer a complete concept with everything from installation and service to aftermarket and training.

Welcome to engcon!

Source: engcon UK