



**engcon**<sup>®</sup>

Tiltrotator  
**Generation 2**



▲ EC219

**engcon takes the lead with a  
new generation of tiltrotators!**

# New generation of tiltrotators EC219 and EC226

## The future is here!

Engcon's products are suitable for all excavators available on the market between 1.5 – 32 tons. This leaflet specifically focuses on our biggest, most recent items and aims to optimise our products to exactly your requirements for perfectly adapted accessories, aiming to increase the profitability of your excavator.

There are new requirements placed on excavators, which are constantly developing in terms of power, strength and technology. In order to meet this development, engcon are now launching **Generation II** which is more or less customised for the most recent excavator models on the market.

**The EC219** is the most modern tiltrotator on the market, and is guaranteed to manage 19 tons. The EC219 has many features, including being fully prepared for central lubrication, tilts to 45 degrees, has 27% greater torque compared with the EC15, and has the hydraulic motor on the left side, which brings out the absolute best in an excavator when only the best is good enough.

**The EC226** is an optimal model for excavators in the 18–26 ton category, as it has 50% increased breaking force compared with the EC20B, and like the EC219, is fully prepared for central lubrication, tilts 45 degrees, motor on the left side, etc.

The diagram on the right illustrates the advantages of **Generation II**.

Both the EC219 & EC226 are also adapted for the high flow swivel, and our new control system Microprop DC2 which fits all excavators. We describe the DC2 in more detail on page 8.

Welcome to the future, together with engcon, making your excavator even more profitable.

► Space for machine control sensors

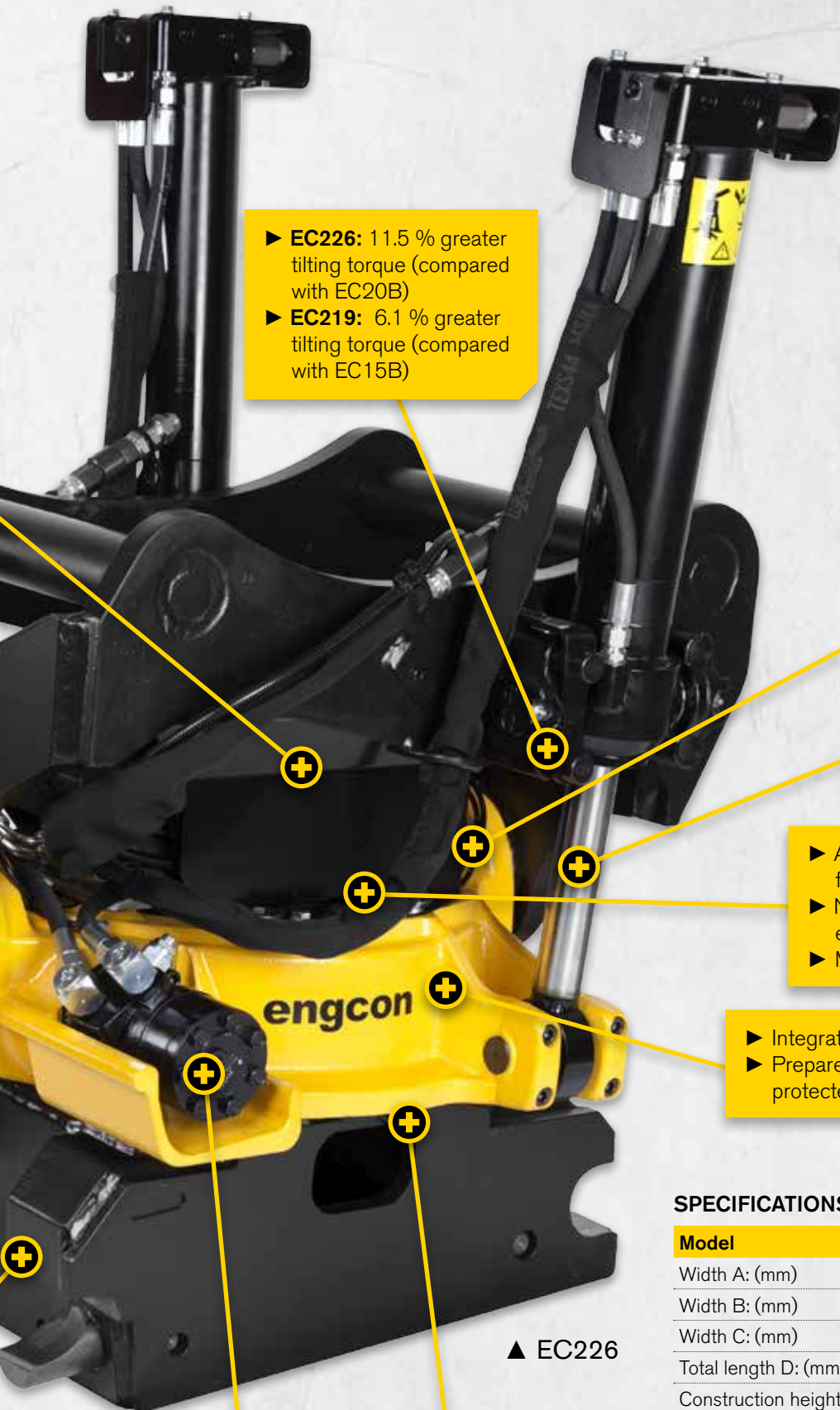
► Stronger top sections & bases

► Screw diameter increased, worm gear more robust.

► **EC226:** Tilt axles now have increased bearing surface.  
► **EC219:** Tilt axles now have increased bearing surface.

► **EC226:** 50 % greater breakout torque (Compared with EC20B)  
► **EC219:** 37% greater breakout torque (Compared with EC15B)





- ▶ **EC226:** 11.5 % greater tilting torque (compared with EC20B)
- ▶ **EC219:** 6.1 % greater tilting torque (compared with EC15B)



▲ EC219

▶ All lubrication points routed to one single lubrication centre

▶ 45 degree angle of tilt

- ▶ Adapted for high-flow swivel to manage flow of up to 150 l/min
- ▶ New type of valve provides better fuel economy
- ▶ More space for inserted hoses.

- ▶ Integrated lubrication channels
- ▶ Prepared for central lubrication, with protected lubrication points.

▲ EC226

▶ Easier to service, as any play is adjusted without disassembly

▶ Hydraulic motor on the left hand side

## SPECIFICATIONS

Model	EC219	EC226
Width A: (mm)	369	426
Width B: (mm)	315	340
Width C: (mm)	310	340
Total length D: (mm)	737	760
Construction height E: (mm)	from 480	from 500
Weight: (kg)	from 420	from 590
Tilt:	45°	2x45°
Flow requirement: (l/min)	40–80	40-80
Working pressure: (MPa)	18–21	18-21
Standard attachments:	S60, S1	S60, S70, S1
Max. bucket width rec. by engcon: (mm)	1,700	2,000
Max. tensile stress: (kNm)	186	270
Base machine weight (t)	12–19	18–26





## **System engcon makes your excavator into a profit machine**

More and more excavator owners are discovering that profitability has a name: System engcon. With our complete tool system, you can optimise your excavator's versatility and take on a greater number and variety of jobs.

With the tiltrotator as a starting point, engcon has developed a range of tools that meet high demands for function and quality and make your work easier, more efficient and more profitable.

Quite simply, System engcon gives you an integrated solution that allows you and your machine to meet all challenges.