Perkins has delivered on its promise to develop outstanding solutions for agricultural customers, with two new engines designed exclusively for tractors – the Perkins® Syncro 2.2 and 3.6 tractor engines. While the range of 1.7, 2.2, 2.8 and 3.6 litre industrial engines already meet the needs of a broad range of farm machinery.

The Perkins Syncro 2.2 tractor engine gives 55 kW (74 hp) and up to 270 Nm of torque, while the 3.6 tractor engine delivers 100 kW (134 hp) and up to 530 Nm of torque.

These exceptional new power solutions bring all the benefits of the Perkins Syncro range – outstanding power density, robust reliability, tight packaging and class-leading performance – into the compact tractor market for the very first time.

These new models have been specifically engineered to provide reliable power for mid-range tractors which have no engine chassis or rails. Instead, the engines themselves form the chassis of the tractor.

The advantages of powering your machines with Perkins Syncro tractor engines are compelling. They include optimised torque curves for farming activities, excellent fuel consumption, easy service access and big improvements in both noise and package size.

With the addition of these new tractor engine platforms, Perkins can meet agricultural original equipment manufacturers’ (OEM’s) machinery power needs, across the board.

The 1706J is a six cylinder 9.3 litre unit that delivers an industry-leading maximum power rating of 340 kW (456 hp) and meets EU Stage V and U.S. EPA Tier 4 Final emissions standards. Recent advances include an updated common rail fuel system, simplified aftertreatment and removal of exhaust gas recirculation (EGR).

This has resulted in the engine’s aftertreatment being 39 percent smaller and 55 percent lighter. Power has been increased by up to 18 percent, total engine weight reduced by 12 percent and fuel consumption on a typical machine cycle cut by five percent.

We have introduced a platform of 9-18 litre industrial engines that completes our market-leading industrial power range covering 8.2-597 kW (11-800 hp).

This model is a turbocharged, air-to-air chargecooled, 18.1 litre, six cylinder product capable of producing 470 kW (630 hp).

Using DPF technology, these engines meet EU Stage V and U.S. Tier 4 Final emissions standards.

To support the demands of your machine installation we offer a choice of engine configurations and options. The robust technology allows you to integrate these engines into your equipment with the minimum of reengineering.

See these engines and more in Hall 16, Stand D28 or scan the QR code.
Argo Tractors

**Machine type:** Landini Super 110
**Hall/stand:** 07/C10

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ArmaTrac

**Machine type:** 504 Fruit Garden
**Hall/stand:** 07/A40

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ArmaTrac

**Machine type:** 704 Lux
**Hall/stand:** 07/A40

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Basak Tractor

**Machine type:** Agricultural tractor
**Hall/stand:** 05/B28

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Energy SRL

**Machine type:** Generating set
**Hall/stand:** 02/E60

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Hattat Traktor

**Machine type:** Agricultural tractor
**Hall/stand:** 21/F25

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Tractorenwerk Lindner Tractor

**Machine type:** Lintrac 130
**Hall/stand:** 07/D40

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Tractorenwerk Lindner Tractor

**Machine type:** Unicar 92 PS5
**Hall/stand:** 07/D41

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