

100%

output...



LIEBHERR

Energy efficient excavators from Liebherr.



A 914 Litronic

Engine

Liebherr diesel engines set the standard for fuel consumption in their power class.

They convince with excellent fuel efficiency, long lifetime circles and high torque. Maximum power is produced even at low RPM. The result is a protection of the components while maximum performance is retained, and the lower engine speed also reduces fuel consumption.

Optimally matched components

Key components such as the diesel engine, hydraulic components, electronic components, slewing ring and swivel drive are developed and produced by Liebherr itself. The great depth of in-house manufacturing guarantees maximum quality and provides for optimal configuration of components.



A 918 Compact Litronic

Modes for all areas of work – now also with drive mode

A broad range of preset modes allows the driver to adjust the power of the machine quickly and simply to suit the current work situation.

S (Sensitive):

for precision work and lifting through very sensitive movements

E (ECO):

for especially economical and environmentally friendly operation

P (Power):

for maximum digging power and heavy duty jobs

P+ (Power-Plus):

for highest performance and for very heavy duty applications, suitable for continuous operation

In addition, the engine speed can be freely adjusted to the operating conditions with a rotary switch.

One new feature is the special drive mode, which makes the full engine output available for the travel drive. This provides for better acceleration and road performance, especially uphill, while at the same time reducing fuel consumption.



A 918 Litronic

Automatic idling function

The standard automatic idling function reduces the engine speed to idle as soon as the driver removes the hand from the joystick and therefore no hydraulic function is activated. Proximity sensors in the joystick levers restore the original engine speed as soon as the driver's hand is moved towards the lever again. This ensures that the set engine speed is available as soon as the lever is touched again. The result is a combination of fuel saving and reduced noise levels. Operating costs can be reduced even further with the optional automatic engine cut-off function.



A 920 Litronic



A 916 Litronic



A 914 Compact Litronic

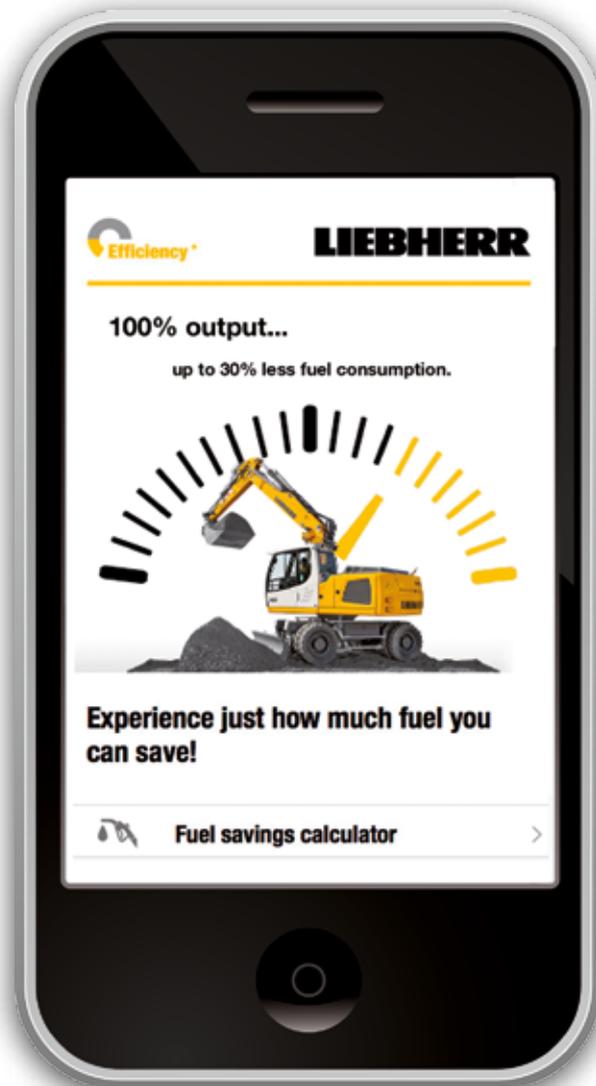
up to **30%**
less fuel
consumption.



Liebherr-Power Efficiency

The Liebherr-Power Efficiency (LPE) system, developed by Liebherr, regulates all power management processes in the machine. Pro-active intervention in the engine management system, adjustment of the swing angle of the hydraulic pump and of the engine speed, provide for optimum efficiency of the drive components in every working situation. Liebherr-Power Efficiency (LPE) allows maximum work performance to be attained from every drop of fuel.

Experience just how much fuel you can save.



Scan the QR code now and check how much fuel you could save with the energy efficient machines from Liebherr. On the mobile website you will find an up-to-date comparison of the fuel consumption data between our different machines. This data is collected using LiDAT, the comprehensive Fleet and Plant management system from Liebherr.



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