

ROBEL

The Power of E³



The battery-powered E³ construction site – from left: ROTAMP 62.20L, ROGRIND 13.49, ROMPACT 30.20, ROCURT 13.90 © Robel

The linchpin to operating a construction site in an environmentally friendly manner is the strength and flexibility of alternative drive methods.

That's why all battery powered Robel machines work with the same battery pack, available in different capacities – 400, 800 and 2,300Wh. This modular system is characterised by the fact that everything fits together. And because this was considered from the

outset and taken into account in the design, the energy storage unit can be used universally.

The yellow plug-on cuboids with the E³ logo already signal on the outside: I am practical, I am strong, I last for a whole work shift – or longer. The entire setup time ultimately consists of two hand movements: attach the battery, secure it and get started, whether it's drilling, sawing, tamping, stressing or other tasks. A must for the smooth running of a construction site, as all required machines have different power requirements.



One frame, eight modules, covering all grinding applications on track © Robel

The 2,300Wh battery not only moves forward power wrenches and clipping machines, but is strong enough to cover even the activities on the track that require the strongest performance from a machine – grinding and cutting:

- **ROGRIND 13.49 E³** is the master of effortless operation. Constantly high grinding power is supplied either by battery, power supply or hybrid petrol power pack. The operator only has to carry half the weight to the site, profits from low hand-arm vibration, a perfect view of the work area and full spark protection.
- Compact, mobile and emission-free, **ROGRIND 13.45MD E³** is ideal for operations in tunnels and urban environments. With the most powerful electric motor in its weight class, 13.45 can also be used in switches and for grinding grooved and crane rails.

- **ROCUT 13.90 E³** is a true lightweight, but sturdy enough to cut even the strongest rails in under one minute. Again, sparks are controlled downwards and HAVs kept to a minimum. Together with an articulated arm to support the machine weight, the cutter provides full operator comfort.

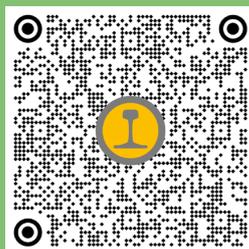
NEW: Modular Rail and Switch Grinding and Deburring

Who wants to carry heavy machines to worksites if you could have one modular system consisting of a lightweight frame and a total of eight different grinding modules?

With **ROGRIND 13.63** there's no question about it any longer. The frame holds every grinding disc or cup wheel module ever required for reprofiling rails. Those are combined with various drive options – petrol, 400VAC or battery – which is again the same type as used for the disc cutter, welding joint grinder and power wrench.

Another time-saver is the tool-free gauge adjustment and module exchange. And, as with every machine of the Robel E³ family, the operator works ergonomically comfortable and in a well lit, low emission and noise-reduced setting.

To watch our video on the power of E³, click [here!](#)



Click or scan the QR code to find out more about the modular grinder

For more information, contact Robel:

Robel's UK Agent
Plasser UK Ltd
+44 2089984781
robel@plasser.co.uk
robel.com