

AWARD FOR BLECHEXPO

KOHLER ONE OF THE TOP 3 INNOVATORS

KOHLER impressed the jury of the “Award for Blechexpo 2017” at the first attempt. Our part leveling machine, the Peak Performer 80P, finished in the top three in the “Cold/hot forming technologies” category.



Image: VBM, Hauenstein

From left to right: Dr. Hans-Peter Laubscher (Chief Sales Officer), Isabell Lehmann (Marketing Manager) and Arnd Greding (Chief Operating Officer) accepted the award on behalf of the whole KOHLER team.

The Peak Performer 80P represents state-of-the-art part leveling technology. The editors of the leading trade journals “Blechnet” and “MM Maschinenmarkt”, who sat on the jury for the “Award for Blechexpo 2017”, were also very impressed by its capabilities. They named the Peak Performer 80P one of the top three most innovative solutions in the “Cold/hot forming technologies” category at the Blechexpo trade fair in Stuttgart in November 2017.

When reaching their decision, the expert jury evaluated the contribution the Peak Performer 80P makes to part leveling technology. In particular, its improved green credentials and efficiency were key deciding factors for the jury.

The reversible leveling rollers on the new Peak Performer generation extend the service life of the leveling rollers and

reduce wear by up to 50 %. Its energy consumption has also been reduced to around a quarter of that of conventional machines. A further distinct improvement is the increase in the working range, allowing the Peak Performer 80P to level sheets that are up to 50 % thicker – precisely and without damaging the material.

PEAK PERFORMER PART LEVELING MACHINE

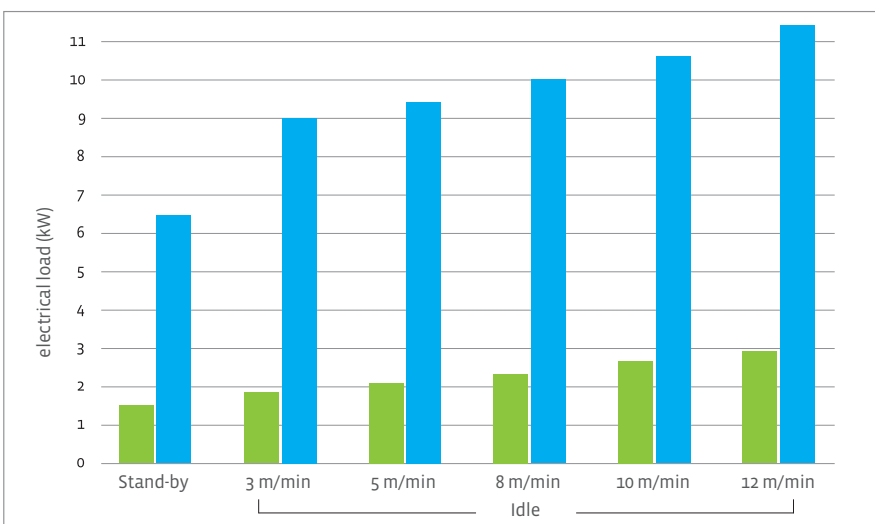
SUPERIOR ENERGY EFFICIENCY

The optimized machine technology of the KOHLER Peak Performer part leveling machine helps both the environment and your budget. The model range from 80P onwards stands out from the crowd with energy consumption up to 75 % lower than that of conventional machines.

The latest generation of Peak Performer part leveling machines only needs up to 60 % of

the electrical energy required by comparable conventional machines to perform leveling

operations. In standby mode (rollers do not turn when the machine is switched on) or when idling (rollers turn when the machine is switched on but leveling does not take place), energy savings up to 75 % are possible.



■ KOHLER Peak Performer 80P with electro-mechanical GAP control and direct drive concept without cardan shafts
■ conventional machine with servo-hydraulic GAP control and cardan shafts

KOHLER has optimized the machine technology on the Peak Performer with the aim of both increasing the power range and energy efficiency at the same time. Clear progress has been made in this area with the development of the innovative electromechanical GAP control and the use of a new direct drive for the leveling rollers. In addition, the Peak Performer part leveling machine does not require hydraulic oil and achieves perfect leveling results with an increased power range.

KfW (Kreditanstalt für Wiederaufbau or “Reconstruction Credit Institute”) encourages investment in production systems whose energy efficiency levels exceed the sector’s average.