



WIAP®

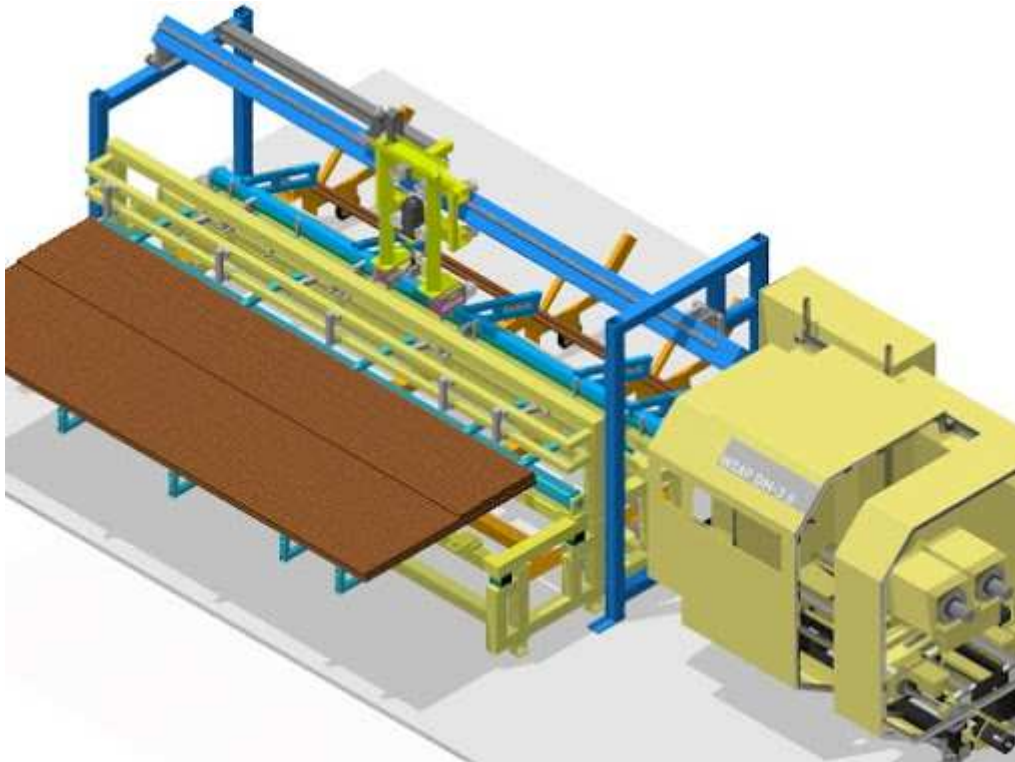
MEMV®



Metall entspannen mit Vibration

WIAP AG Ltd SA Company Profile

WX_00



WIAP AG Ltd SA
Industriestrasse 48L
CH 4657 Dulliken, Switzerland
Tel. +41 62 752 42 60
wiap@widmers.info
www.wiap.ch

MEMV®
Metal relax with vibration instead tension arm annealing
Machine development metalworking

- The WIAP AG consists of a team of experienced and talented machine tool manufacturers which are a large part of a family. All family members in their own company completed the training, so familiar until innermost detail. Since 2007/1981, we help our customers increase the growth of your business and your sales. Although our methods are complex, our goal is simple: we want to help you achieve a better product emissions
- Today, the second generation in the company by third parties and is looking forward to a life of machine tools.

- Employees Sven Widmer GL, software and development and sales. Jim Peter Widmer construction installation and service. Iris Widmer Finance, HP Widmer Consulting new designs. Aliona Negre sites, lists operating instructions, Dai Dan component production.
- Manufacture of metal relaxation plants with vibration
- Machine Tool
- Automation
- Thanks to the vibration relax and several patents unique opportunities to produce precision machine tools and customer while relaxing components with vibration with an up to 400 times saving.
- All from one hand. Construction. Manufacture, assembly electrical, PLC programming, commissioning, service CNC programming
- Many years of experience from training projects also in terms of machine tool and machine tool maintenance has so strengthened the WIAP that it is possible to construct almost everything yourself and make.
- Many first machines which have not previously built in the style were developed and built. There was never a prototype always though it was the first machine of the type. Always the first machine went into production and some have so more than 20 years behind.
- Imports / Exports
- Much software developed durable data storage system which can be up to 30 years fall back and does the same in the foresight.
- Extremely good efficiency. Also very well established on a very good vendor support. Has worked for decades with the same customers and suppliers
- A very good persistence

Since 1983, the WIAP AG dealt with the vibration technology and its benefits. Since 1986 began with the automation and in 1989 his own machine tools.

However, it is only now for the first time in its history using elaborate measuring methods succeeded from 2014 to 2017, clearly demonstrated the concrete benefits. For example, not only in welded structures, but - now also made in the heavy rollers using the vibration technology the same results as during stress - by the expanded MEMV process. Here, important advantages for the customer result. On the one produced no scaling. On the other hand can be enormous energy savings: only 2 kW / h are necessary for an exemplary process. In a similar procedure with stress relieving, however, about 935kW / h have to be applied.



Jim Peter Widmer in Tampere, Finland, before a MEMV ("Metal stress relief with vibration") - Investment of WIAP AG - August 2017 (Images: hpw - Hans-Peter Widmer)



Rolling in the metal stress relief with vibration (MEMV) - Jim Peter Widmer - April 2017 (hpw)



Figure 11. Sven Widmer at a measurement test with 24 measurement points, including protocol preparation - August 2017 (hpw)



Figure 22. Impeller on a multiple-jig in Tampere, FI - August 2017 (jw)

End of the company profile WIAP 22_12-2017 sw_iw_jw_hpw