

## **New on-board weighing systems give company a market edge Come to see us at Conexpo CON-AGG '96, booth N-3214**

Ten years activity and experience in the application of weighing technologies to mobile equipment have placed VEI in a position to offer the European & worldwide market a particular brand of know-how acquired directly in the field. The achievements of this first decade reflect the work of a specialized team closely in touch with the demands of today's market. Now indeed, any customer selecting VEI automatically gains access to a wealth of constantly developing expertise from which the company is able to provide Europe, and the world beyond, with a line of products featuring innovatory design and an ever-increasing capacity to optimize automation of the work cycle.

Thanks to the versatile software employed, VEI systems can be applied across a broad spectrum of activities and equipment, providing the best of solutions for controlling lifted weights and a more thorough optimization of truck loading operations. In other conventional systems, the truck is driven to a weighbridge to verify whether or not its load is within proper safety limits; if not, the driver must return to the loading station and dump the excess weight before going on the highway. With VEI systems, by contrast, the weight of material loaded onto the truck is known beforehand, directly in the loader itself, so that several potentially time-wasting operations are eliminated at a stroke: in short, an invaluable source of assistance within the work cycle itself.

VEI will present at CON-AGG'96 the HELPER mod.P4, the very first and unique operator independent on-board loader's scale complete with data downloading software system, window compatible. The complete system is able to automate the entire production cycle with free real time access to enterprise stock with statistic capability of outgoing product in each requested period; this entire automation directly from the loader itself.

Together with this unique innovatory product the standard VEI product already in the market will be presented:

The HELPER mod.P3 system can be installed in any make & type of loader, fork-lift truck & self-loading off road concrete mixer, having the weight reading of the load moved, directly inside the machine's cab. The system works on pressure evaluation of the main lifting cylinder, and displays the weight on the on-board Control Unit, which is capable of storing different product's weight or customer's code. With the built-in printer the system data can be printed out and have them for your records.

The DUMPER LOAD system, first of its kind in Europe, represents the ideal solution for large quarrying concerns across the continent: versatile and fully automatic, a convenient means both of monitoring the daily work program carried out by each dumper truck and of providing useful output and resource control data.

With DUMPER LOAD, the truck is not loaded by guesswork, but using an optimized procedure monitored by an intelligent load-sensing system, so that the vehicle can be operated in full compliance with the maker's specifications.

As with all VEI products, this system has been engineered directly on location, in the tough working environment of the dumper truck, so as to ensure best possible functional attributes, strength, ease-of-use, unwavering accuracy and performance over time; this new and innovatory product is now being launched on the European market.

As a matter of fact a big Spanish Coal Mining Group has chosen VEI Dumper Load on-board weighing system to increase productivity and equipment's durability over time. From mine's headquarter the entire operation and production can be control over a computer screen where a sophisticated computer software is able to make operative decision in dislocate the dumpers where are needed at a particular moment, thanks to the GPS technology applied, working in conjunction with the VEI Dumper Load.

This project, first of its kind in Europe, stands as a mirror for others similar projects because, beside of supervising, this automation gives mine's decision makers the real time chance to make a difference on production strategy

DUMPER LOAD - another realized goal, the product of experience and high technology applied to mobile industrial machines.

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