



Press release
Privas, 24 May 2013

Feedback:

Carrières de la Vallée Heureuse quarries are combining productivity, quality, improved safety conditions and reduced environmental footprint by using solutions from PRECIA MOLEN, the specialist in industrial and commercial weighing

Carrières de la Vallée Heureuse issued a call for tenders in 2011 for the replacement of weighing equipment by a complete tailor-made PRECIA MOLEN solution. With a wealth of software functions, going well beyond simple weighing, the BI WIN terminal from PRECIA MOLEN, combined with ROC weighbridges, was able to meet the Carrières de la Vallée Heureuse requirements by allowing them to optimise customer satisfaction to increase quality of service and productivity.

A quality of service objective

Situated in the Marquise basin, between Boulogne sur Mer and Calais, the Carrières de la Vallée Heureuse quarries produce over 15,000 tonnes of aggregates in all forms every day. The quarries exploit a hard compact limestone deposit extending over more than 200 ha, from which are extracted sands, gravels, limestone fluxes, limestone chippings, micro-sized limestones and rockfill.

They are transported by road, rail, sea and river to customers in France, Belgium, the Netherlands and Great Britain. Every day, over 400 lorries, and more than 600 in peak periods, pass onto the site. Carrières de la Vallée Heureuse has a dynamic, committed general policy, and is one of the first sites in France to obtain triple certification to ISO 9001, ISO 14001 and OHSAS 18001.

For road shipments, the company wanted to improve its customer service, from identification of customer requirements to monitoring orders and optimised loading of lorries on the site. Consequently, via its management solutions, PRECIA MOLEN will help the company to achieve its quality objectives: delivering the right product, in the right weight to the right destination, while limiting the impact on the environment by reducing risks related to traffic on site and reducing the time spent there.



photo »Le Journal du Vrac »



A software product allowing complete management of loading

Previously the site was equipped with a weighbridge at the entrance, a weighbridge at the exit and a "pre-checking bridge" in the quarry.

Now, the site is equipped with five new weighbridges, two entrance bridges, two exit bridges and a "pre-checking bridge" in the quarry. Carrières de la Vallée Heureuse have chosen a "self service" mode weighbridge.

Without the presence of an operator, the driver presents and identifies himself using a badge via a weighing terminal that controls the opening of a barrier to allow access to the site. The driver's vehicle is immediately identified and associated with a product and a work site. The driver can produce the delivery note automatically from touch screens positioned on the two exit weighbridges.

The information recorded in real time on entry is displayed on large information panels. Loading orders are transmitted by radio link to terminals located at the fixed and mobile loading points to be immediately identified by the operators.

The BI WIN intelligent terminal, with integrated industrial PC also allows:

- The display of customised "*Badge Presenter*" messages, "*Badge authorised*", "*Badge refused*",
- The sending of events to the system host (visits by numbered badges)
- Activation of outputs configured by the system host (activation, barrier opening, for example)
- Access control configuration is done from a PC keyboard connected in the box. The on-board PC, protected against voltage outages, includes software that processes access badges, counts vehicles, and other functions that are indispensable for the management of the site.
- An integrated 12V battery allows data to be saved in the event of mains failure. Database updates are done automatically via the Ethernet link. The site manager has a database updated in real time.



Conclusive results

By rationalising loading and movement of lorries and loading equipment, Carrières de la Vallée Heureuse have improved site safety and the service and productivity ratios.

Carrières de la Vallée Heureuse also benefit from better visibility of loading operations. With this tracking system the transporters are better identified, the operators who load the lorries know where the vehicles are and what they must do in real time. A gain in time to provide better service and be competitive.

As the traffic is more fluid at the entrance and exit, the time on site is optimised, risks of accident reduced and the impact on the environment limited. Carrières de la Vallée Heureuse are also able to guarantee an absence of overloading on vehicles when leaving.

The PRECIA MOLEN solutions came into operation at the start of the year. We were able to count on the professionalism and support of the

PRECIA MOLEN teams on the ground, particularly in high mobilisation to guarantee on schedule start-up of the installation. We are satisfied with the initial results", concluded Bruno Devaux, Industrial Performance Director of the Carrières de la Vallée Heureuse quarry company.

About PRECIA MOLEN

PRECIA MOLEN designs, makes, sells, installs, maintains and verifies static industrial and commercial and continuous dosing weighing equipment instruments. These solutions are intended for use in both heavy industry (mines, quarries, steel-making, energy, environment...) and light industry (food, chemical, transport and logistics...) and also in government (post, local authorities...). From design to maintenance, the PRECIA MOLEN group covers the whole of professionals' weighing needs.

Created in 1951 and based at Privas in Ardèche, PRECIA MOLEN is present in 42 countries, through 12 subsidiaries and a far-reaching network of agents. The group has four production sites in France, the Netherlands and India and over 770 employees in total. Supported by a dynamic innovation policy, it is labelled as an Innovative Enterprise by OSEO.

PRECIA MOLEN is quoted in compartment C of NYSE-Euronext Paris (code ISIN FR0000060832 - Mnemo: PREC).

Additional information: www.preciamolen.com

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