

PRETENCRETO

CASE HISTORY

PRETENCRETO, S.A. de C.V. recognizes the multiple advantages of his Clayton Portable Steam Plant.

“PRETENCRETO” is a Mexican company of well known reputation, dedicated to the elaboration of products of pretensed concrete, beams and structural parts used by large contractors, specially government projects, bridges, tunnels, high stairs, and high modern buildings.

These products require steam to accelerate the time of forging the concrete used in the elaboration of the structures.

The area dedicated to the production of these materials, requires large space as most of them have long dimensions (up to 50 m.length on the average) therefore requires to conduct steam across long distances inside their plant..



Because the Clayton Steam Generator is a compact and lightweight unit, it can be mounted, together with all its accessories, on a compact portable platform, easy to transport and to maneuver.

Considering these advantages, they purchased a 100 BHP Steam Plant to supply steam at the exact place where it is used. The portability of this unit, gives flexibility and great efficiency, eliminating enormous heat losses through the extensive piping layouts in order to conduct steam from to central boiler room to the point of use.

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CASE HISTORY



PRODUCTION IMPROVEMENTS.

The convenience to supply steam at the point of application allows a more precise control of the process, besides the saving of the installation cost of long insulated piping layouts, in addition to the saving of the fuel that would be needed to compensate the loss of heat due to radiation.

On the other hand, their Clayton Generator produces steam at full capacity in only ten minutes from a cold start, so they are saving huge costs by not burning unnecessary fuel, because it doesn't require to stay in operation during off periods neither to start the unit one or two hours before, for heating the system to reach the working temperature. The fuel savings reached with the Clayton Steam Generator Portable Plant in a few months, allowed Pretencreto to invest in another similar plant.

