New Mobile Precast Plant in Mexico

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Dear Colleague,

Production flexibility and mobility increases factory efficiency and profitability. Weiler is pleased to share with you the latest mobile precast production innovations that can keep your company growing and profitable in tough markets.

The first Weiler mobile precast production plant in Mexico for hollowcore slabs and panels is now in operation in Oaxaca. Modified to meet the specific precast needs of GRUPO GOF, the Weiler mobile production plant concept is certain to change market behaviour in the region by offering new strategic options for growth and profits in tough market market conditions. Specifically, the Weiler mobile plant concept offers:

- Minimum initial investment in equipment and minimum site preparations

- No production hall, bridge cranes or other fixed equipment required. All machinery is portable. Land can be rented or leased.

- Fast and easy setup, begin production in days.

- Bid on and supply to remote projects, move or expand as required.

- Easy, scaled expansion to meet market demand.

- Allows mobile production of all precast concrete elements including long-bed prestressed precast, tilting tables, battery and fixed mold production.

- Rapid return on investment, with payback in months not years.

Your company could also benefit from this new mobile production technology. We can help you, working together on project objectives and developing innovative precast production solutions. Call or email now for further information.

Yours Sincerely,
The Weiler Team

First mobile precast plant in Mexico commissioned by Grupo GOF (Oaxaca).

Project development began in May, 2007 when Weiler Germany was contacted by the regional Mexican construction company Grupo GOF. Their principal interest at the time was

for equipment and technology for the production of hollowcore floor slabs and wall panels. But the request came with special conditions: complete mobility to provide market coverage over a large geographic region.

Grupo GOF is the dominant precast engineering, production and construction player in southern Mexico (Oaxaca). A family-run business begun by the father, the company is now administered by Rodrigo Gómez M.Sc., P.E. along with brothers of the second generation.

GOF offers a wide range of precast products and services, from engineering and design (in a region known for seismic activity) to production and assembly of all major structural concrete products including bridge beams, columns, prestressed hollowcore slabs and panels etc. Projects include infrastructure, bridges, highways, dams, industrial and commercial buildings, and large-scale housing.

With the wide range of products and services offered, GOF is also tasked with supplying and erecting precast elements in diverse and distant markets. With a clear solution in hand, the challenge to meet these objectives was undertaken by **weiler** Germany.

weiler Gmbh has built and erected more than 250 precast production factories world wide.

weiler serves clients large (Holcim, Lafarge etc.) and small, always customizing production solutions for specific markets and budgets.

Precast elements produced with Weiler equipment are used in all construction sectors.

Specific precast products produced with **weiler** equipment include:

- flooring and roofing systems, using prestressed hollow core slabs & precast beams
- wall panels, load and non load bearing, solid & hollowcore panels, sandwhich panels etc.
- structural precast building elements including footings, piles, columns, beams, and lintels etc.

To meet the strategic objectives and production needs of GRUPO GOF, **weiler** engineers adapted the **weiler** portable production concept to maximize mobility and production

flexibility. .
Production portability and flexibility meant Grupo GOF could meet customer demands for a wide range of precast elements on both the Pacific and Atlantic coasts, including the Gulf of Mexico and Caribbean.

Initial project steps included the evaluation of available land and equipment, followed by the preparation of site drawings. With development plans approved, detailed technical drawings were supplied for all installations including foundations, electrical systems, water supply and drainage, waste water treatment etc.

Precast production equipment commissioned included the new **weiler** MAX-truder for hollow core slabs and panels, a mobile batching and mixing plant for all precast and mixer truck needs, portable aggregate silos (in-line), mobile steel production beds, a multi-angle cutting saw, stressing equipment and a portable gantry crane.

For initial production, the **weiler** MAX-truder was installed to produce standard hollowcore prestressed slabs measuring 20cm tall and 120cm wide (8"x48"). The same machine can produce a full range of slab and panel sizes from 8cm to 50cm heights (3.5"- 20") and in variable widths.

Startup plant capacity using one bed is 150 m² per day (1600ft2) of wall or floor sections, easily increased to 750 m² per day (8000ft2) by adding up to four (4) more mobile production beds.

In the summer of 2010 **weiler** technicians were on hand to insure smooth startup and complete crew training of Mexico's first mobile precast plant.

For Grupo GOF, the mobile production plant represents a major step forward and a significant strategic advantage, allowing them to produce, deliver and erect precast elements throughout the region.

weiler
MAX-truder
weiler
weiler

Weiler GmbH Germany

A business offering both tradition and innovation, Weiler Gmbh has been managed for over 50 years by the Holzberger family. From its beginnings as a specialized machine maker, to present day global supplier of complete, turnkey precast production facilities, **weiler** GmbH has always stood out for it's pioneering spirit.

Today, **weiler** supplies a complete line of long-bed precast production machinery, tilting tables, battery and fixed molds, and provides engineering solutions for plant design, modifications and expansions.

weiler. We are Made in Germany.
Initiative for best quality, innovation and client support. .

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