MCT Italy Srl, 06084 Bettona, Italy

Efficient and flexible concrete distribution and casting systems

Interconstech Co., Ltd has been changing the face of construction technology through continuous R&D. Ever since its founding, Interconstech Co., Ltd. (ICT) has forged ahead with a primary principle - commitment to leading the way. Unlimited efforts in the research and development of top-notch construction technology have, since the firm's inception, filled it with pride as a construction-technology-oriented company, while at the same time satisfying its customers.

Strengthening market competitiveness in precast girders

IPC girder technology, the company's first development, has achieved a remarkable reputation in the field of bridge construction in Korea due to its superiority in construction feasibility, cost savings and improved safety. With these leading-edge strengths, IPC girder technology has become one of the most widely used bridge technologies in South Korea.

Adapting to the changing business environment during the planning and construction phases of the project, many things have changed in the market: now there is an increasing demand for tunnel segments and concrete poles.
"The changing world has not gone unnoticed at ICT", says Mr Kim Jong-Hyun, CEO of ICT. He continues: "The business plans regarding the new precast production line were updated to correspond with the new market outlook."
Due to the rapid growth of competitors and the recession in the construction market in recent years, ICT decided to establish a factory in Goesan to strengthen its competitiveness. After a year of construction, the precast factory was completed in April this year.

MCT Italy shapes ICT dreams

"We strongly believe in the advantages of precast concrete construction because of the high quality, lower maintenance costs and durability", Mr Kim Jong-Hyun explains.

Through the local support of Mr Oh from the Hanin corporation, MCT Italy, a strong partner oriented to long-term co-operations, has worked closely together with ICT throughout the project, offering consultation and advice regarding all aspects in the building of a completely new facility and organization in a new market area.

Flying bucket with inverter-controlled motors, speed 5 m/sec

From left to right = Production Manager Mr. Shin Hak-Jong, Director Mr. Lee Young-Gil, Mr. Oh Eui-Rock (MCT Italy – South Korea), CEO Mr. Kim Jong-Hyun, Mr. Falchetti Gabriele (Sales Director), Factory Manager Mr. Jeon Seung-Wan, Production Manager Mr. Jo Dae-Ki

Production facility overview with casting machines

"When you are choosing a supplier for new precast equipment, it is essential to choose a strong, experienced firm with a specialized organization for continuous co-operation. After we got up to full speed with negotiations with MCT Italy and our technical & consultant engineers supported us in comparing different suppliers, the contract was prepared in a very short time", adds Kim Jong-Hyun.

"We got excellent feedback from MCT Italy regarding the business environment. They supported our specialized team and consultants by networking with worldwide experts and development teams, strengthening our first steps in the construction industry with successful precast solutions for the South Korean market", says Kim Jong-Hyun.

Equipment to maximize the flexibility & speed of casting

Mr Gabriele Falchetti, MCT Italy's South Korea Sales Director, says: "In order to achieve and work out the smartest solutions in precast technology, production automation and services, it is crucial to monitor business conditions and to consult customers' needs proactively. Our goal is to enable ICT to maintain high performances levels and to optimize production rates."

Mr Kim Jong-Hyun points out: "ICT is supposed to produce concrete with a maximum strength of 1,100 Mpa in the factory. We believe that MCT's flying bucket and casting machines are the best equipment to transport mixed concrete, assuring a speed of 5 metres per second and absolutely flexible casting for any type of element."
He continues: "MCT Italy is the one-stop supplier in the industry and they are able to match any need in precast concrete building construction with an upgradable production concept. Through the numerous meetings and modifications we have come up with an optimum design and system, and through this process we have equipped the facility to produce products in the factory with the minimum number of people. In addition, MCT's battery carts have been adopted as a way to safely and quickly transfer manufactured products to the outside of the factory, thereby maximizing workability".

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Tailor-made casting machine:
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Long-lasting partnership

MCT Italy's South Korea Sales Director Gabriele Falchetti says that the precast plant MCT has supplied in Goesan City is the first of its kind in South Korea. During the past years South Korea has gone through changes that have had a boosting effect on the construction industry as its new leaders tackle the nation's problems. "In this part of the world there is an increasing demand for special precast elements utilizing the latest generation of special concrete. Precast technology can offer an excellent solution for this. At MCT Italy, we help our customers to adapt to the changing environment and to new business opportunities throughout the project. ICT's project is an outstanding example of this approach", Falchetti explains.

A precast plant is a long-term investment so there has to be room for flexibility, even in the unknown future. "We want to offer our customers all of our 50 years of experience & skills, professional networks and the most flexible service available in the industry", adds Mr Oh from the MCT local team. These include services that enable customers to renew and maintain their skills, tools and know-how during the production line's lifetime.

Mr Kim Jong-Hyun concludes: "By maintaining a profound respect for our past and by reaffirming our commitment to quality thanks to MCT Italy in this new project, we are certain that our clients and our firm will enjoy a future that is even more exciting, successful and inspiring than our past." ■

FURTHER INFORMATION

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MCT ITALY
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