

GIKEN TOTAL SUPPORT SYSTEM

▶ Comparison between general users and GTOSS members

Support	General Users	GTOSS™ members
Hands on Training	Regular Price	Membership Special Offer
Lecture	Regular Price	Membership Special Offer
"PPT System™" -Visualizing underground and Optimum autonomous operation-	×	Membership Special Offer
"Press-in Monitoring System" -Analyzing press-in situation scientifically-	×	Membership Special Offer
"GTOSS™ e-learning System" -Online learning support system-	×	Membership Special Offer
Piler Simulator	×	Membership Special Offer
Machine Rental ※4 Press-in machines ※5	×	Membership Special Offer
GRB™ System	×	Membership Special Offer

※4: Please contact Giken Asia with respect to the rental scheme.

※5: Limited to member's existing machine type and subject to availability.

Annual GTOSS membership fee
SGD1,200 (excluding GST)

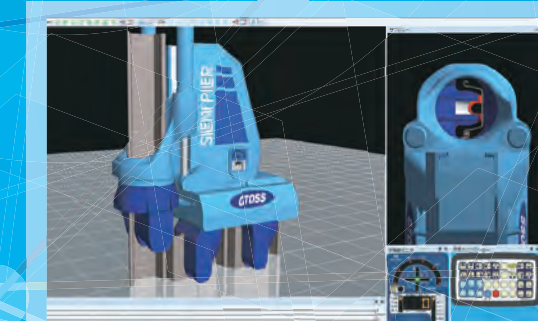
To apply for GTOSS membership, please contact Giken Asia
Tel : +65-6863-0330 E-mail : info@gikenasia.com

GIKEN LTD. Official SNS

GIKEN group will provide you with the latest news as well as various useful information with regard to our products.



LinkedIn



GIKEN Construction Solutions Company

www.giken.com

Giken Seisakusho Asia Pte., Ltd.

138 Robinson Road #16-02, Oxley Tower Singapore 068906
Tel. +65-6863-0330

Thailand Representative Office.

388 Exchange Tower, Unit 2910 Level 29, Sukhumvit Road, Klongtoey, Bangkok 10110, Thailand
Tel. +66(0)2-104-9260

"SILENT PILER" is a registered trademark or trademark of GIKEN LTD. in the United States and other countries.

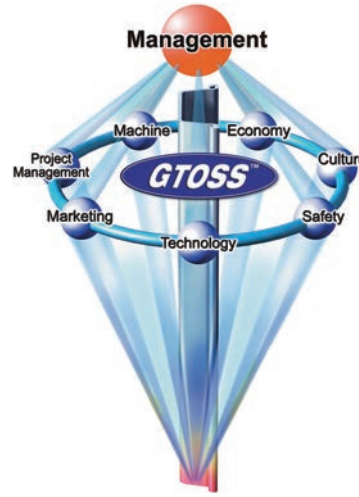
GIKEN

GTOSS™ (GIKEN Total Support System)

Imparting Technologies and Know-how for Success on Site

In April 2003, GIKEN Engineering Group started to provide GTOSS, GIKEN Total Support System, in Japan. It includes a full suite of services to improve customer's daily business activities in various fields, such as SILENT PILER™ operation, promotion of press-in method, machine maintenance and office works.

The purpose of GTOSS is to impart our accumulated expertise, as "Pioneer of Press-in", for successful projects to SILENT PILER™ customers who can share the same philosophy with us, and ultimately to elevate the status of Press-in Industry to create new construction industry. Those customers will obtain higher competitiveness and technical capability to install piles faster and more accurately. Eventually GIKEN and GTOSS members will enjoy mutual benefits.



Various Support Services

Various types of support can be provided depending on your company's situation. We will propose the support services needed by the customer.

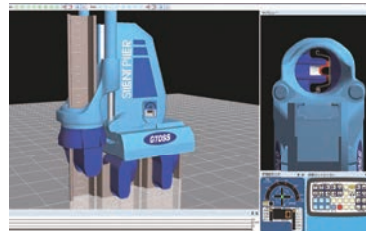
1 Technical Support (SILENT PILER™ Operation Training, Lecture)



We offer a wide range of services from basic press-in machine operations to various construction techniques and control methods at special prices.

<Training on a real press-in machine>

2 Various Software for Better Piling Efficiency

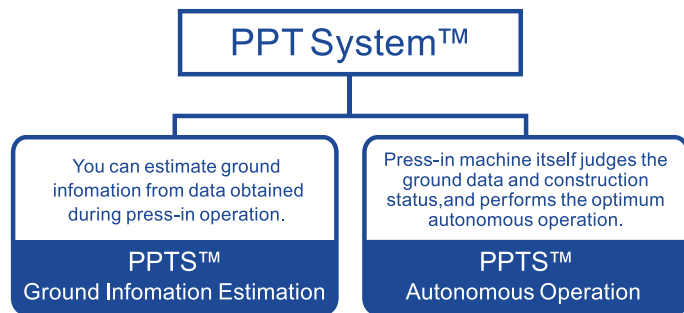


All the know-how that GIKEN has accumulated is aggregated into different software to improve project management, equipment management and promotion. ※1

<eg. Piler Simulator>

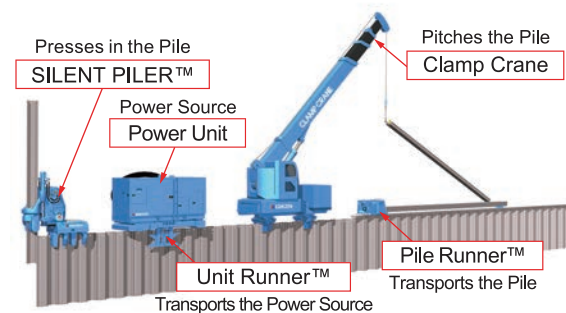
3 Automation Support

You can introduce advanced automation technology using the PPT System™. ※2



4 Preferential Treatment of Machine Rental

GRB™ systems are available that cannot be rented by ordinary users. ※3



GIKEN Reaction Base System

Press-in machines utilise reaction force from installed piles integrated with the Earth and carry out piling work while self-moving on top of installed piles. With further development based on the principle of "Footprint Free Installation System", "GRB System" was developed as a press-in system which carries out all piling procedures such as pile transportation, pile pitching and press-in work on top of installed piles.

PPT System

In operation, the penetration of the pile into the ground is measured in real time to control its behavior. Smooth construction can be achieved by optimum autonomous operation according to the situation.

※1 : An annual membership fee is separately required to use software.
 ※2 : An annual membership fee is separately required to use the PPT system.
 ※3 : A separate rental fee is required for machine rental.

Software for Better Press-in Piling Efficiency



Automation

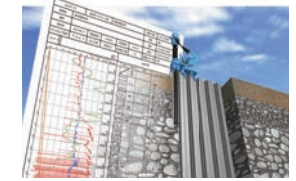
Visualizing underground and perform optimum construction automatically

PPT System™

new



Improves on-site productivity by integrating superiority of press-in method with ICTs



PPT Press-in Piling Total System

This integrated system automatically optimizes press-in conditions in real time by estimating ground information from Data obtained during pile installation, contributing to labor saving and productivity improvement at construction sites.

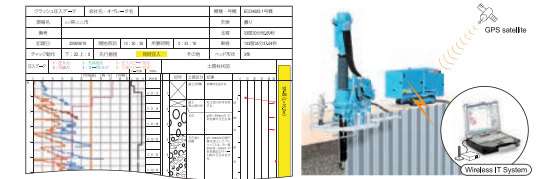
Management

Scientific Operation

Press-in Monitoring System



Proves accurate construction diagnostics by extracting information related to pressed-in piles!



Press-in Monitoring System

Press-in monitoring data for each single pile, such as press-in force, auger torques and press-in time, is available for scientific analysis. Such data can be linked to borehole data to optimise operation settings for each ground condition. Proper decision can be made in case of any change in soil strata or presence of any underground obstacle.

Education

Online learning support system

GTOSS™ e-Learning System



Provides press-in related online learning on an optimal schedule!



eLearning System

An online system that allows you to learn various knowledge and techniques directly connected to the day-to-day press-in work.

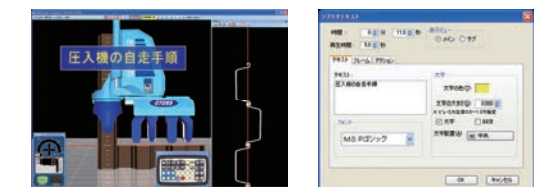
Education

Piler Simulator

Piler Simulator



Various functions enabling efficient training on press-in machine operation



Piler Simulator Phase3

"The Piler Simulator" is the software can simulate press-in machine operation on personal computer.