Construction Revolution

An efficient wall structure combining Tubular Piles (Strength & Stiffness) and Hat Sheet Piles (Watertightness)

Combi-Gyro Method

Hat Sheet Pile (900mm wide)

Tubular Pile
Combi-Gyro Method

- Building Highly Stiff Wall Structure with Excellent Watertightness
- Hat Sheet Piles and Tubular Piles can be installed by the same Press-in Machine

**Press-In Work Operation**

Installation in Progress

Post Excavation

**Hat Sheet Piles and Tubular Piles can be installed by the same Press-in Machine**

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**Systemized method overcoming overhead restriction**

- Systemized method for over water, in narrow space, or on sloping or uneven ground

**Non-Staging System**

- Systemized method overcoming overhead restriction

**Overhead Clearance System**

- Systemized method for over water, in narrow space, or on sloping or uneven ground

**Cross-Sectional Shape**

Hat Sheet Pile (900mm wide)

Tubular Pile

**Ground Hardness**

- Harder
- Standard Mode
- Water Jetting Mode
- Super Crush Mode

**Hat Sheet Pile (900mm wide)**

Tubular Pile

**Gyropress Method™**

- Gyropress Method™
- Tubular Pile Chuck

**Work is Possible under Severe Construction Conditions**

- All piling procedures can be carried out on the pressed-in piles with GRB System and enables fast construction at various places with eliminating temporary works.

- The Pile Diameter and Distance between Piles are Flexibly Adjustable

**Non-Staging System Overhead Clearance System**

- Systemized method for over water, in narrow space, or on sloping or uneven ground

- Systemized method overcoming overhead restriction

**Tubular Piles**

- The Pile Diameter and Distance between Piles are Flexibly Adjustable

- Gyropress Method™

**Cross-Sectional Shape**

Hat Sheet Pile (900mm wide)

Tubular Pile
Practical Example

- Building a rational and very economic wall structure by adjusting pile length of Hat sheet piles and pile diameter, pile length, and distance between piles of Tubular piles in accordance with height of wall structure and ground conditions.

Highway Retaining Wall

Excellent Waterproofing and
The Wall Structure is Easily Dismantled

Very Suitable for Fast Construction for Anti-Seismic Reinforcement and Liquefaction Measures

Temporary Cofferdam

Levee Reinforcement