

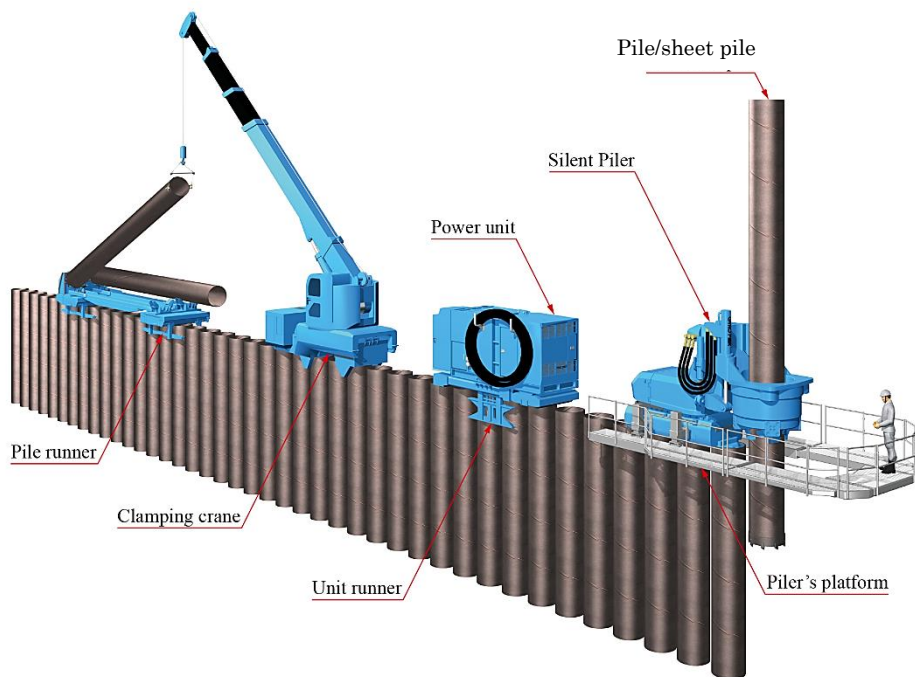
Serial Report

Terminologies in Press-in Engineering (Part 5)

IPA Editorial Committee

Following Terminologies Press-in Engineering (Part 4) in Volume 4, Issue 1, Part 5 presents “Non-staging system” and related piles” as follows:

Non-staging system



| | |
|-------------------------|---|
| Non-staging system | a press-in system that enables all the piling machineries necessary for the press-in operation to move by itself (self-walking) on the previously installed piles/sheet piles |
| counter weight | weight to be placed on the reaction stand to obtain reaction force to commence the press-in operation |
| reaction stand | a stand for counter weights obtaining reaction force for the installation of a an initial few piles/sheet piles to commence press-in operation |
| Unit runner | one of the components of the Non-staging system with clumping mechanism to carry a power unit and travels on the previously installed piles/sheet piles |
| Pile runner | one of the components of the Non-staging system with clamping mechanism to transport piles/sheet piles and travels on the previously installed piles/sheet piles |
| Clamping crane | crane grips the previously installed piles/sheet piles with a clamping mechanism. An element of the Non-Staging system with self-walking function |
| pile(s) / sheet pile(s) | piles and/or sheet piles to be installed. |

(to be continued on Part 6)