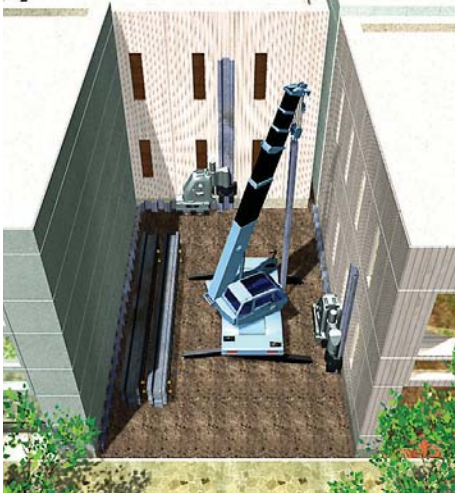


Zero Clearance Method

Piling Work with Zero Clearance to Existing Adjacent Structures

The Zero Clearance Method enables piles to be installed in sites where piling right up against adjacent structures and boundaries is required to make maximum use of land. This method is effective for the total utilisation of available land for building construction works and canal renovation works in areas where conventional construction equipment can not gain access.

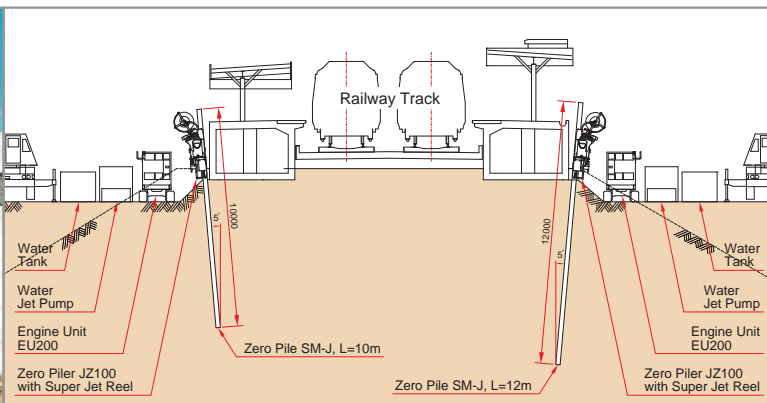
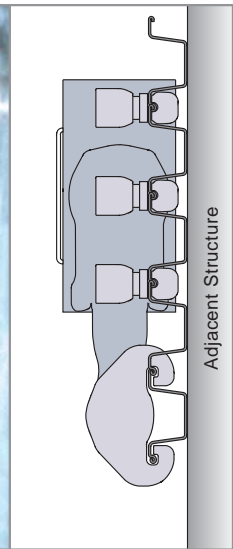
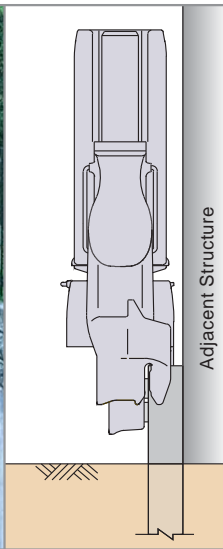


Zero Piler JZ100

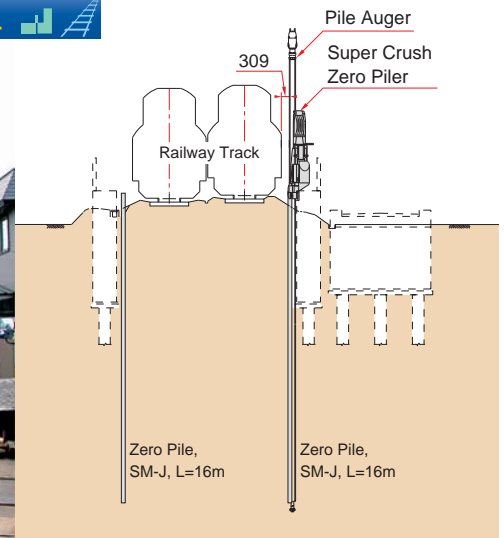
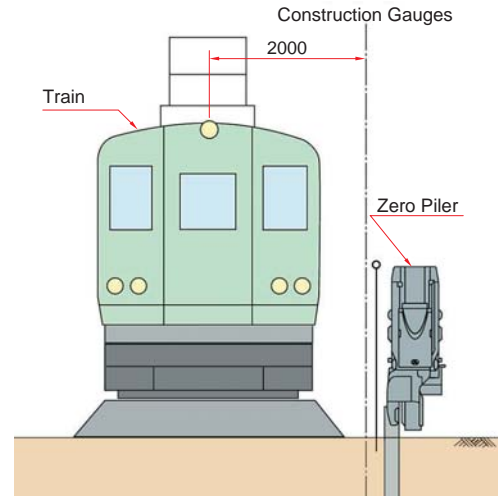
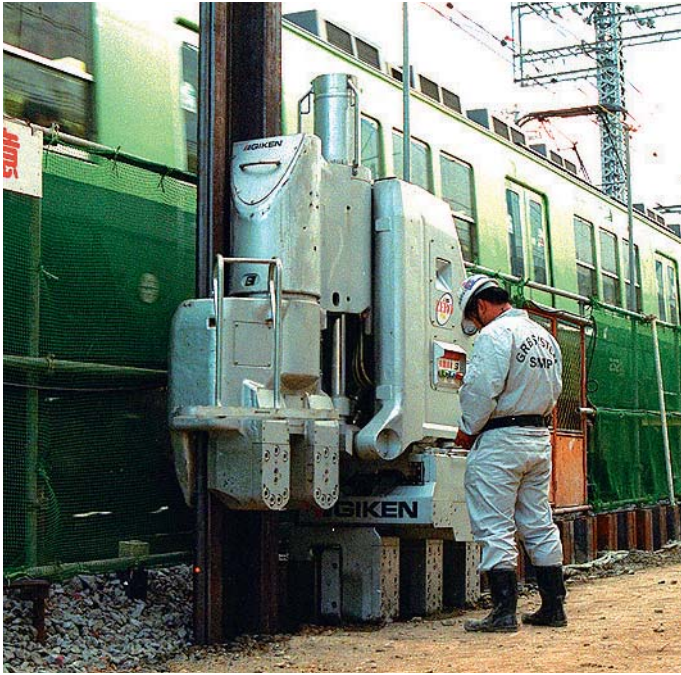


Ultimate Zero Clearance

Sheet piling with zero clearance to adjacent structures is a revolution in construction methods. Piles can be pressed-in silently and accurately by hydraulically controlled manoeuvre creating zero dead space between piles and existing structures. The Zero Clearance Method demonstrates the highest level of safety and effectiveness of the Press-in Method.

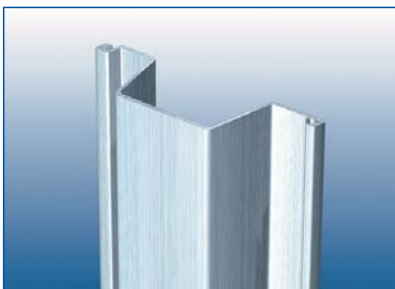


Apprication for Project Adjacent to Active Railways

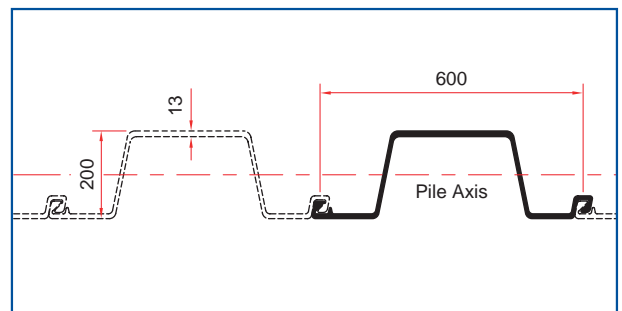


Zero Sheet Pile

This is the pile material co-developed by Sumitomo Metal Industries, Ltd. and Giken Seisakusho Co., Ltd. in 1996 for sheet piling with zero clearance to existing structures or boundaries. This has an asymmetrical interlock and has the Hat shape. Hence, the interlock efficiency of Zero Sheet Pile is 100 % like Z-Type Sheet Pile. Zero Clearance Method is carried out with the Zero Piler dedicated for Zero Sheet Pile.



Standard Cross-Section



Cross Section Performance

Model	Per 1 Sheet				Per 1 m of Wall			
	Mass per Unit Length	Sectional Area	Moment of Inertia	Section Modulus	Mass per Unit Length	Sectional Area	Moment of Inertia	Section Modulus
	kg/m	cm ²	cm ⁴	cm ³	kg/m ²	cm ² /m	cm ⁴ /m	cm ³ /m
SM-J	87.3	111.2	7250	705	145	185.3	12090	1175