

Single slide rail system

Linear shoring



Linear shoring is suitable for casting concrete in-situ place and can be flexibly adapted to any construction project. The ground outside the trench remains largely unaffected, and buildings and traffic flow are not impaired – a level of performance that was long-considered unattainable.

On linear shoring, rigid boogie cars that are height-adjusted to match the increasing depth keep the beams and shoring panels at the same distance apart at all times; the trench width remains unchanged at all stages of the project. The width of the rigid frame is adapted with spreaders to the desired trench width. The boogie car maintains precise right angles – everything stays linearly aligned, always at the same distance from the opposite side. This ensures more efficient, faster, better-quality, and noticeably more cost-effective operations, with a major advantage of the system being derived from the design of the beam. For only on the linear shoring system is it possible to pivot in the shoring panels from the side.

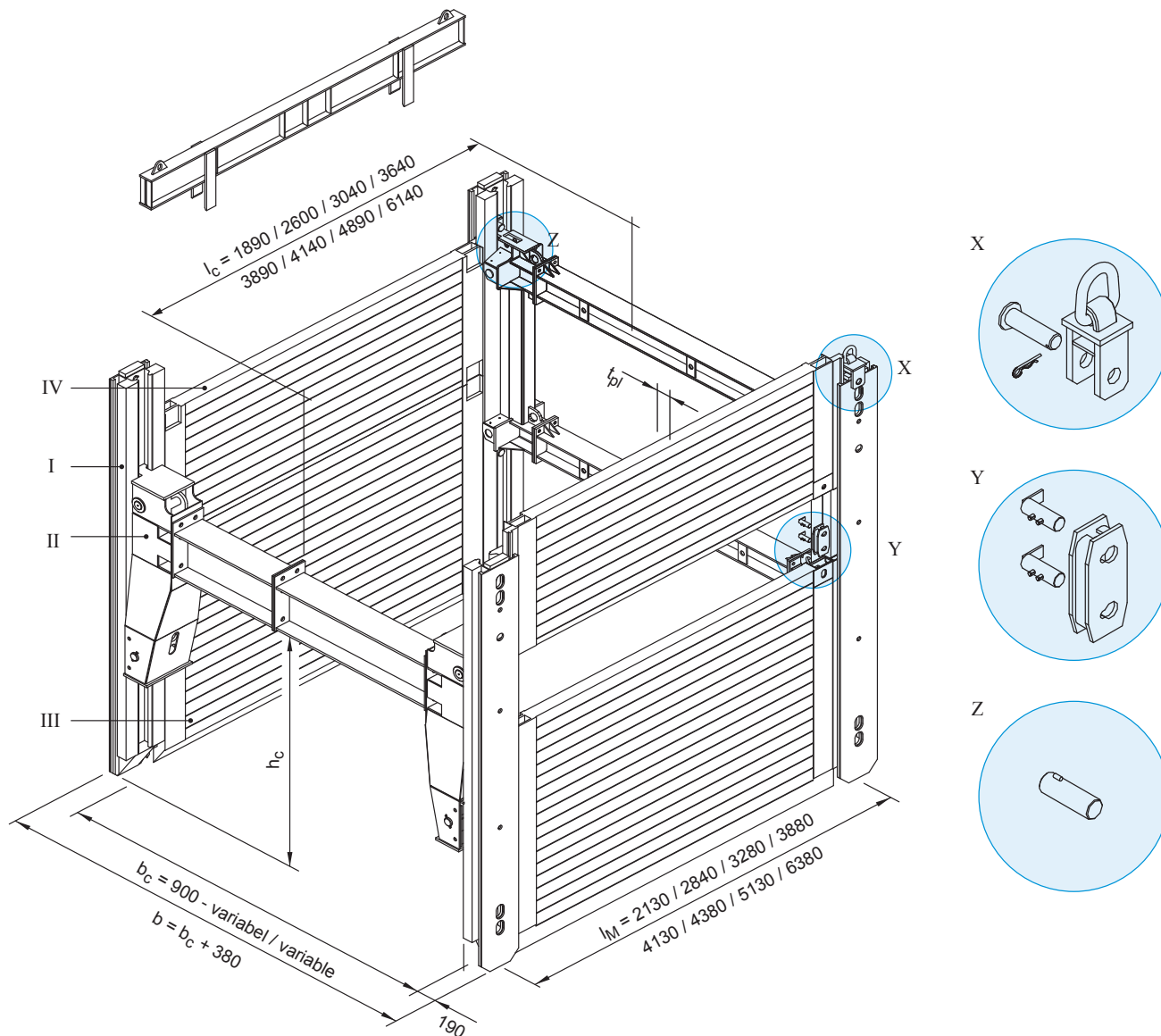
Basic data

Module length	2,13 m - 6,38 m
Length slide rail	4,13 m
Panel height	1,32 m / 2,32 m
Pipe culvert height	variable
Trench width	variable, see page 32-33

Advantages

- Cost-effective shoring
- No adverse impact on building development or traffic
- Suitable for in-situ concrete

Single slide rail Linear shoring with U-type or rectangular boogie car



(All dimensions in mm. The details of length of pipe opening l_c refer to the rectangular boogie car.)

I	Linear shoring support	l_c	Pipe culvert length	X	Pull adapter
II	Boogie car	b	Shoring / trench width	Y	Connector
III	Base panel	b_c	Inner width	Z	Pin
IV	Top panel	h_c	Pipe culvert height		
l_M	Module length	t_{pl}	Thickness		

Slide rails, Panels and Accessories; see page 29