



Moveable Crash Block

Crash barrier with mobility

The mobility and maintenance-free design are some of the key features that gives the Moveable Crash Block the performance edge against similar crash walls on the market.

The Moveable Crash Block consists of armed concrete with massive steel plates mounted on all impact surfaces. It utilizes the crawler technology to enable relatively low surface pressure (45N/mm^2) for these massive devices. This allows the Block to be driven around the test ground without damaging the crossing tracks as well as allowing the Moveable Crash Block to rotate in place - providing the flexibility to test on all four impact wall surfaces if necessary. With the simplicity of operating a joystick, it can be repositioned or lifted with the a built-in hydraulic crawler track.

The Moveable Crash Block comes in the standard dimensions of $4.6\text{m} \times 4.6\text{m} \times 2\text{m}$, but can be customized to customers' request.

ADVANTAGES

- Self-powered using integrated crawler track
- Up to four impact surfaces

- In-place rotation (90 degree turn in $\sim 10\text{sec}$)
- Light floor pressure at 45N/mm^2
- Moving speed up to 0.3m/s
- Overrunning of rails
- $2.5\text{MN}/750\text{kN}$ impact force (secured/unsecured block)
- Moveable on uneven floor surfaces
- Standard hydraulic components for simple maintenance
- User-friendly control using joysticks
- Detachable driving unit for easy maintenance
- Overhead guardrail (can be used to secure camera)

OPTIONS

- Powered by battery
- Park assist
- Automated driving

