



Rail installation set type ZM1

A hydraulically driven device used during assembly, disassembly, maintenance, and repair works on suspended monorail tracks. The works can be performed in horizontal and inclined headings after the inclination angle of the work platform is adjusted.



Operation is allowed on monorail tracks made from I155 type sections in accordance with the PN-H-93441-10 standard, from 140E and 140V type sections in accordance with the DIN 20593 standard, or from other compatible sections. The ZM1 type installation set may be used together with other approved suspended rail means of transport if the working and use parameters defined for the weakest elements of the rail are observed, taking into account the conditions defined in the approvals.

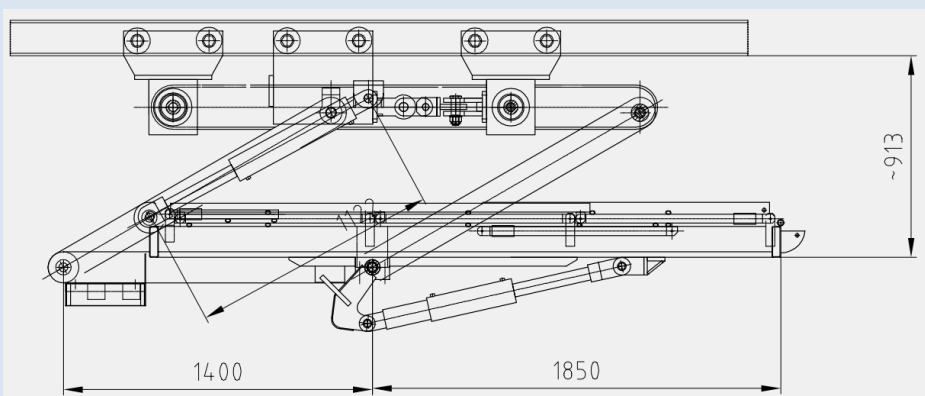
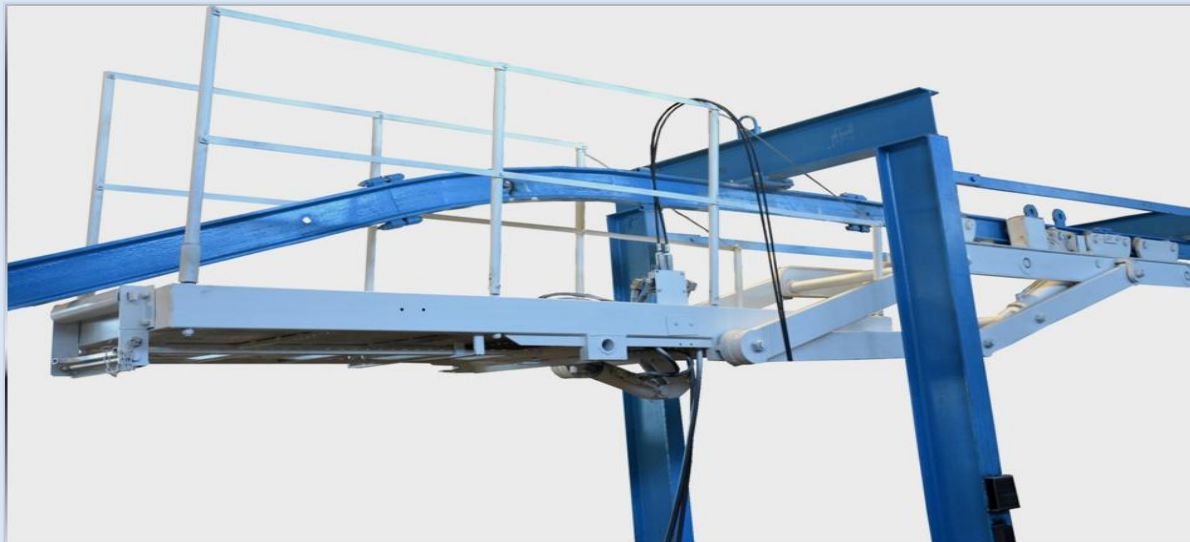
It may be used in underground mining facilities in methane fields, in headings of "a", "b", or "c" methane explosion hazard class and of A or B pulverized coal explosion class.

Technical characteristics

Load bearing capacity of the work platform	: 84 kN
Maximum force pulling the transport set	: 63 kN
Work platform lifting speed	: max. 0.04 m/s
Speed of extreme element of the work platform	
During angle change	: max. 0.2 m/s
Movement speed of the set in the transport assembly	: max. 2.0 m/s
Kerb weight (without the brake carriage)	: 1,020 kg
Hydraulic agent	: HLP, HFC
Permissible supply pressure	: 190 bar
Required output of the supply system	: 26 l/min
Coupler bolt diameter	: 40 mm (30 mm is possible)

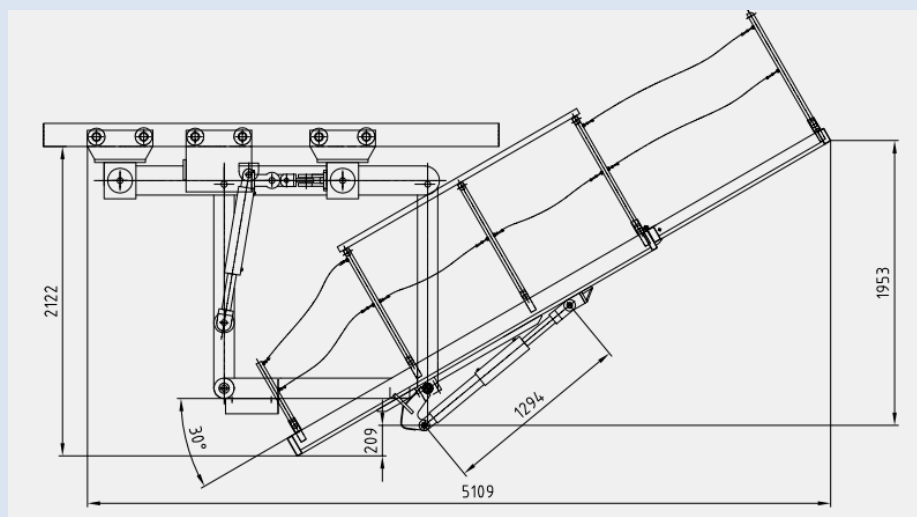
Transport assembly type Z1 for ZM1

Approval of President of State Mining Authority no. 10098/04/2014/SK



Overall dimensions of the ZM1 - folded work platform (during transport)

The Transport assembly is delivered with the brake carriage WHR-1NM which can be installed in the frame between the transport carriages of the assembly.



Overall dimensions of the ZM1 - work platform (with an additional component).

The ZM1 rail assembly set enables work in horizontal and inclined headings after the inclination angle of the work platform has been adjusted.

*We hope that you will find our solutions valuable
and we are looking forward to mutually beneficial cooperation with you.*



„Zakład Budowy Maszyn Doświadczalnych”[®]

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