

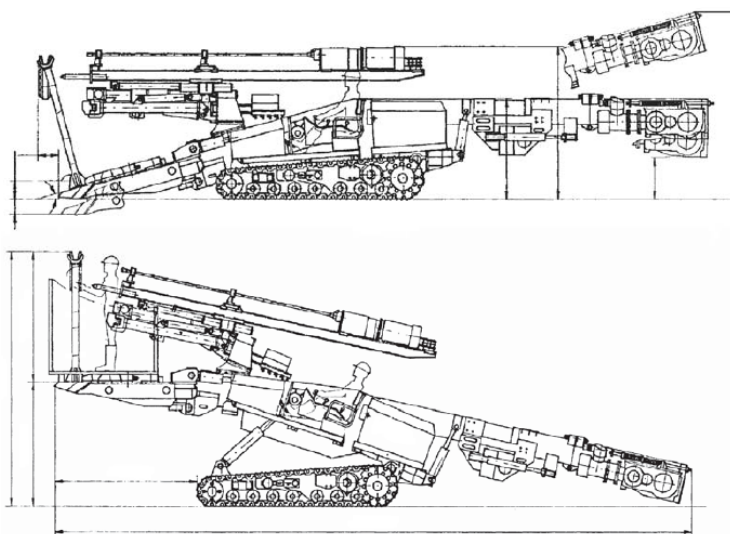
## Technical characteristics

### Sinking equipment Machines for coal extraction and conveying

#### DRILL-LOADER MBII-2

The MBII-2 drill-loader with mounted drilling equipment of universal action is designed to blast-hole drilling mechanization for  $\varnothing 42-43$  mm in the rocks with the hardness of  $f=12$  units (according to the scale of prof. M.M. Protodyakonov) and the rock mass loading into trucks, onto the conveyor or other transportation devices, as well as for lifting and installation of lining elements and laggings.

The machine is used when carrying out horizontal and inclined up to  $\pm 12^\circ$  mine workings with the finished cross-section of  $8 \text{ m}^2$  or more in mines hazardous by gas and dust.



#### Technical characteristics

Parameter name	Value
Drilling performance, m/h, not less than	
- in rocks $f=4...6$	50
- in rocks $f=9...12$	20
Loading technical performance, not less than, $\text{m}^3/\text{min}$ , not less than	4.2
Drilling head feeding force, kN, not less than	18
Drilling head feeding stroke, not less than, m	2.5
Web width during loading, mm	2100, 2600
Angle of the conveyor boom swing in the plan	30
Overall dimensions in transport position, mm, not more than	
- width	2100
- height	2300
Total power of electric motors, kW	88
Weight, t	22