

Pneumatic drilling system VS-1

Field of Application

The drilling system VS-1 is designed for drilling short bores with diameters up to 50 mm and a maximum length of 12 m. The set is recommended for drilling bores for blasting when using anchoring technology in the underground building industry, mining industry, rehabilitation of concrete constructions, etc. The size of the drilling system, as well as its weight makes it ideal for use in places that are small and difficult to access.

Description

The drilling system VS-1 consists of a bracing column on which a mount is attached for guiding the drilling hammer, which is fitted with a two-wheel chassis to make handling easier. In the rear of the mount there is a controller containing the main control elements.



Parameter	VS-01
Movement of the hammer on the mount [mm]	1515
Longitudinal shift of the mount towards the bracing column [mm]	725
Total lift of the drilling hammer [mm]	2240
Maximum down pressure on the drilling hammer [N]	1450
Max. down-pressure force of the bracing pneumatic cylinder [N]	2740
Air consumption [m ³ /min]	4
Operating air pressure [MPa]	0,4 - 0,6
Hose diameter - air supply [mm]	DN25
Oiler	MZN 20
Range of column bracing [mm]	1710 - 3560
Range of the height of horizontal adjustment of the bore axis [mm]	645 - 2795
Sound level [db(A)]	102,7
Dimensions and Weights	
Total length of the mount [mm]	2460
Height of inserted bracing column [mm]	1710
Weight of the mount [kg]	60
Weight of the bracing column [kg]	50
Weight of the drilling hammer VKS-29 [kg]	25