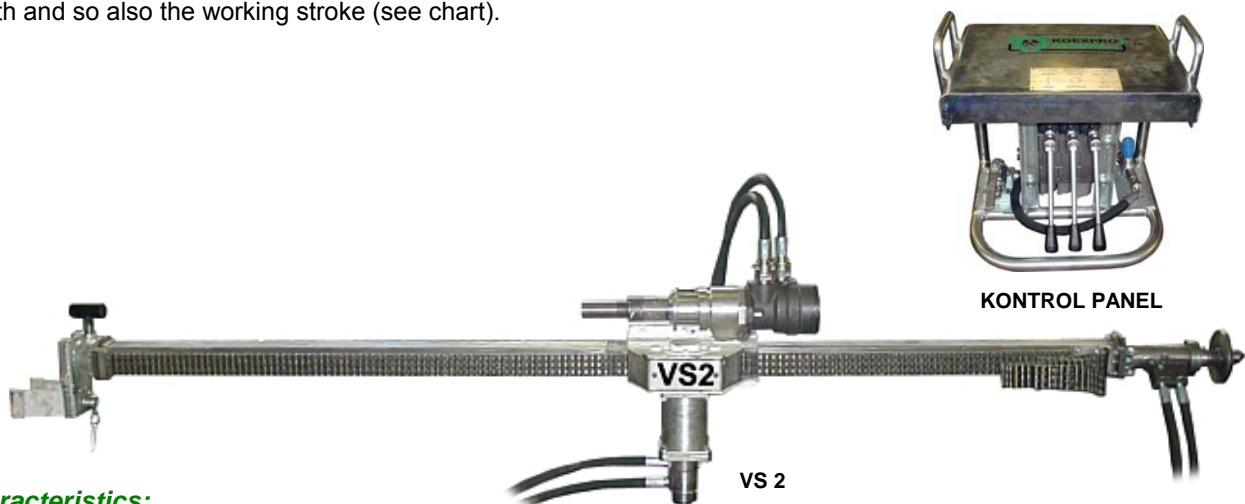


## ANCHORING DRILL VS 2

### Use and description:

Anchoring drill **VS 2** (hereinafter only drill) has been designed and constructed especially for drilling holes in strata rocks for installing the anchor supporting system or for underground construction industry for other technologies. Due to the low weight and the unit built design it is suitable for using in difficult accessible spaces. After bracing, it is possible to drill holes in the entire angle range, from horizontal up to vertical direction.

The drill consists of the frame, in the rear part of which there are bracing hydraulic cylinder and chain for feeding the spindle. The spindle design enables the flushing of the drilling bit. One hydraulic motor rotates the spindle, the second one feeds the spindle into the hole. The control position of the operator is on the safe space through the control panel. Through adjusting the throttle valve is possible to feeding speed. Based on requirement it is possible to change the drill length and so also the working stroke (see chart).



### Characteristics:

Type		VS 2
Torque at pressure 17 MPa and 400 rpm	Nm	300
Speed	rpm	475
Working stroke	mm	acc. to the total length
Feeding velocity without loading	m.s <sup>-1</sup>	do 0.85
Bracing force	kN	8
Thrust force	kN	5
Operation pressure	MPa	17
Max. pressure	MPa	20
Flow rate at speed 300 rpm	dm <sup>3</sup> .min <sup>-1</sup>	50
Working medium	hydraulic liquid having a viscosity of 46 mm <sup>2</sup> .s <sup>-1</sup> at 40°C	
Filtration	µm	25
Flushing water pressure	MPa	1.20
Dimensions w x hv x l (max. drill length)	mm	399x213x1 500 – 3 950
Weight	kg	44.6

Type marking: **VS 2**  
VS ANCHORING DRILL  
2 version

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC-ATEX of the European Parliament and of the Council and meets the requirements for using in areas "hazardous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.

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VS 2 drill frame length chart

