

HIGH STRENGTH CHAIN CUTTING MACHINE ALAN 20.23

Use and description:

High strength chain cutting machine **ALAN 20.23** (hereinafter only cutting machine) is used for cutting the chains with \varnothing max. 20 mm and strength max. 1 100 MPa and especially in heavy duty conditions in mine workplaces.

The cutting machine consists of a body with single acting hydraulic motor, fixed edge and movable one, cover of an operating space, handling grip and connecting screw pieces. As a source of pressure medium the hand operated hydraulic aggregates are used or pumps with working pressure 75 MPa. These are connected with the cutting machine with high-pressure hose (does not belong to the delivery and also the hand operated hydraulic aggregate).



ALAN 20.23

Characteristics:

Type		ALAN 20.23
Max. working pressure in cylinder	MPa	75
Max. cutting force	kN	320
Max. \varnothing of the chain to be cut	mm	20
Max. strength of the material to be cut	MPa	1 100
Working medium		hydraulic liquid having a viscosity of $46 \text{ mm}^2 \cdot \text{s}^{-1}$ at 40°C
Entry medium pressure	MPa	hand operated pump 75 MPa
Weight of the cutting machine	kg	12.0 + 14.0 (pump)
Dimensions (l x w x h)	mm	150x201x270

Type marking:

ALAN 20.23
 ALAN product designation
 20 max. \varnothing of the chain to be cut in mm
 23 type marking

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

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