



Description:

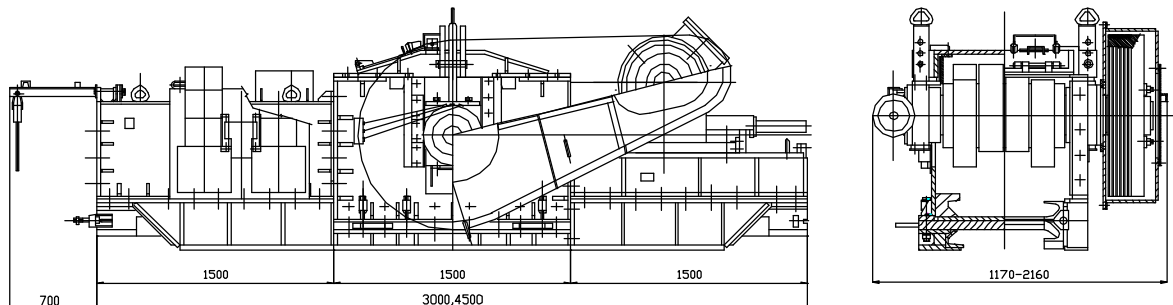
The general-purpose coal crushers DUF2-P1, DUF2-P2, DUF2-P5, DUF2-P6, DUF2-P7 and DUF2-P8 are designed for coal grinding and stones to strength 130 MPa. They are arranged to the mining board to the track of gathering drag conveyor.

The coal crushers may be used in surroundings with danger of methane and carbon dust explosion to degree SNM 2 according to § 232 decree CBU č. 22/1989 Sb. in wording to later regulations. According to the decree of the government č. 23/2003 (direction of European parliament and Council EU 94/9 ATEX) machinery is arranged in group "I" and category M2.

The coal crusher is built-up a few of main parts that are bolted together. Input and exit part is flanged fixed in the middle part where the mincing drum with balance wheel are saved in to the focal shells. Location of the mincing drum it is possible to adjust in vertical direction thereby set a lumpiness of stamped material. The mincing drum is stepped with the mincing chisels that are exchangeable after attrition. Driven electromotor is placed on exit part of the coal crushers. The possibility of drive with motor installation is secure from right or left site (at sight on coal crushers at direction of movement of transported material) according to concrete need at the mine. Transmission to balance wheel of coal crushers is made by the help of texrope. The mangers of profile of flight conveyer are beaded over all length. The shift of rock with coal crushers is secured by flight conveyer where the coal crushers are embedded to layout of flight conveyer. The cooperation of coal crushers, gathering flight conveyer and spraying is handled by automatics. The automatic arrest of coal crushers working and subsequently gathering flight conveyer is assured at over freight or overload of track. The arrangement of operating automatics it is possible to complete with equipment which safeguards men who move in the proximity against pulling in to the coal crushers.

Technical data:

	DUF2-P1	DUF2-P2	DUF2-P5	DUF2-P6	DUF2-P7	DUF2-P8
Designed for conveyer	TH601S	TH700	TH601S	RYBNIK700	SP202M	SP301M
Permeability (m ³ /hod)	600	750	600	750	1000	1000
Engine power	75 kW	75 kW	75 kW	75 kW	75 kW	75 kW
Mincing drum speed	520 min ⁻¹	520 min ⁻¹	520 min ⁻¹	520 min ⁻¹	466 min ⁻¹	466 min ⁻¹
Drum surface speed	17,7 m.s ⁻¹	17,7 m.s ⁻¹	17,7 m.s ⁻¹	17,7 m.s ⁻¹	15,8 m.s ⁻¹	15,8 m.s ⁻¹
Max. strength of broken rock	130 MPa	130 MPa	130 MPa	130 MPa	130 MPa	130 MPa
Max. input sizes of broken rock (mm): - altitude x width - length	700 x 800 unlimited	700 x 800 unlimited	600 x 600 unlimited	700 x 800 unlimited	1300 x 1300 unlimited	1300x 1300 unlimited
Through altitude – gap between mincing hammerlocks (mm)	190 -330	190 -330	105 -195	190 -330	190 -330	190 -330
Pre-set of through altitude by lunge	after 70 mm	after 70 mm	after 70 mm	after 70 mm	after 70 mm	after 70 mm
Blacking mills sizes:						
- altitude	1360 mm	1360 mm	1360 mm	1360 mm	1360 mm	1360 mm
- width	1710 mm	1710 mm	1710 mm	1710 mm	1710 mm	1710 mm
- length	4500 mm	4500 mm	3000 mm	4500 mm	4500 mm	4500 mm
Weight with electromotor	12 770 kg	12 780 kg	10 078 kg	12 000 kg	14 500 kg	14 500 kg

Dimensioned drawing:




COAL CRUSHERS DUF2

KL-DUF2-EN

Version	Valid from
0	14.3.2008

Page 3/3

Ordering:

In the order please state the type of the machinery you ask for, supply number, number of units, number of asked sets incidental documentation (Direction for use, Catalogue ND, etc. – standard we enclose 2 sets of this documentation) and specific requirements (for other painted.)

Ordering key:

MACHINE TYPE	SUPPLY NUMBER
Coal crusher DUF2-P1	306-00-00000-9-04
Coal crusher DUF2-P2	307-00-00000-9-04
Coal crusher DUF2-P5	311-00-00000-9-04
Coal crusher DUF2-P6	312-00-00000-9-04
Coal crusher DUF2-P7	310-00-00000-9-04
Coal crusher DUF2-P8	301-00-00000-9-04

Example of ordering:

An order of one coal crusher DUF2-P7 with a delivery 3 sets of accompanying document.

MACHINE TYPE	SUPPLY NUMBER	ITEMS NUMBER	ACCOMPANYING DOCUMENTATION	SPECIFIC REQUIREMENTS
Coal crusher DUF2-P7	310-00-00000-9-04	1	3 SETS	

Delivery date: 15 weeks from confirmation the definite order

Customs classification: 8474 20 90 00



**FERRIT s.r.o., Na Zbytkách 41 , Staré Město u Frýdku-Místku,
739 01 pošta Baška, Czech Republic
Tel. +420 / 558 411 605, fax +420 / 558 411 620
E-mail: ferrit@ferrit.cz, www.ferrit.cz**