

Shifting Device SAK

The shifting device is determined for moving of the under-wall equipment suspended in the technological slot ZD, together with the coal crusher and discharge station of the wall conveyor.

The device consists of a basic frame, two hydraulic rolls pawl, a hydraulic control device, a shifting chain and anchoring nests for hydraulic props. For anchoring it is possible to use standard hydraulic props of relevant length (they are not a part of a delivery). These props can be delivered by the customer's request.

Work description:

The equipment is anchored through the use of hydraulic props. Subsequently the equipment is moved by hydraulic rolls. The reverse run is blocked with a pawl.

Technical parameters:

Shifting Device Type	SAK 1 – 30	SAK 1 – 50	SAK 2 – 80	SAK 2 – 100
Rolls number / diameter	2 / Ø 80mm	2 / Ø 100mm	2 / Ø 125mm	2 / Ø 140mm
Max. pressure (MPa)	32 MPa (320 Barr)			
Rolls travel	700 mm		600 mm	
Chain diameter	30 x 108		34 x 126	
Tractive force	30 tun	50 tun	80 tun	100 tun
Liquid	Emulsion liquid 3-5%, hydraulic oil			

SAK1 - 30

