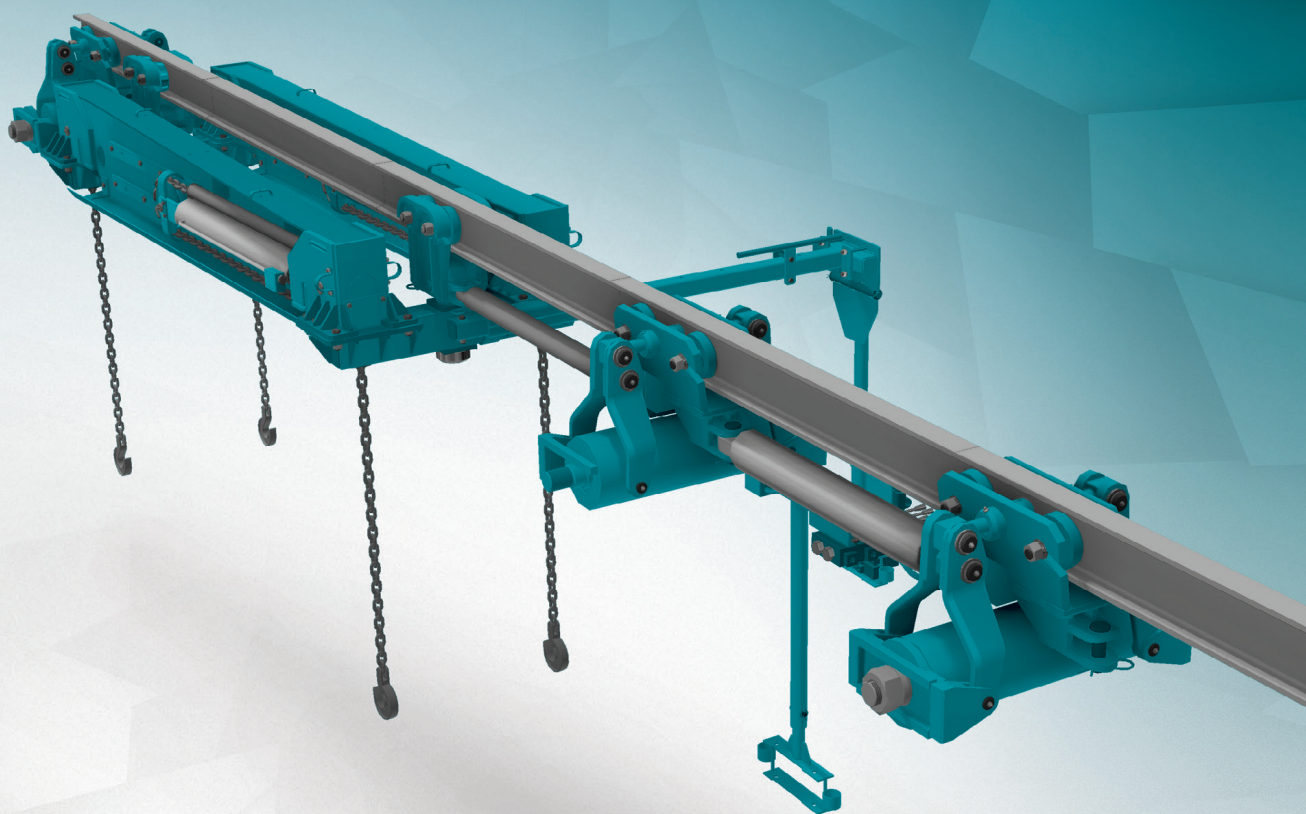




HZP
SIGMA 60
HYDRAULIC SHIFTING SET
WITH BRAKE SYSTEM AND SELF-LOCKING TRANSPORT BEAM
BTR
SIGMA



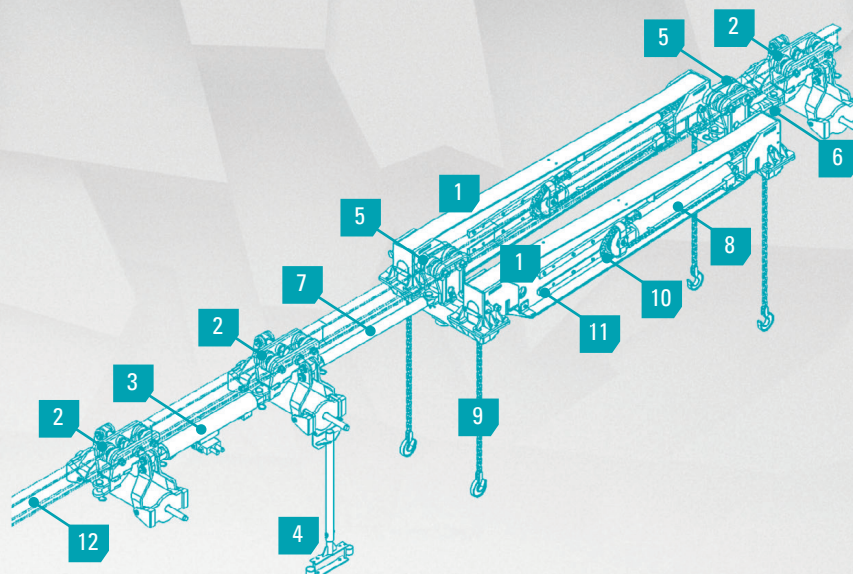
Hydraulic shifting set HZP-SIGMA 60 with brake system and self-locking transport beam BTR-SIGMA is designed to lift and carry loads, machine's parts etc. on suspended monorail track. Device's work can be either hydraulic or radio controlled.

Device can be applied in underground mining methane and non-methane excavations, considered as level "a", "b" and "c" area exposed to methane explosion hazard, as well as grade "A" and "B" of coal dust explosion hazard. This device has been classified as Group I, category M2 due to its application in areas exposed to explosion hazard (according to directive 2014/34/UE).

HZP-SIGMA 60

HYDRAULIC SHIFTING SET WITH BRAKE SYSTEM AND SELF-LOCKING TRANSPORT BEAM **BTR-SIGMA**

DIAGRAM



- | | | | |
|---|------------------------------------|----|--------------------------------|
| 1 | Beam BTR-SIGMA. | 7 | Pull-rod CTP-SIGMA (L = 1000). |
| 2 | HZP-SIGMA brake trolley. | 8 | Hydraulic actuator. |
| 3 | HZP-SIGMA push (advance) actuator. | 9 | Chain sling with hook. |
| 4 | Separator's holder. | 10 | Chain sprocket. |
| 5 | Carrying trolley WN-40. | 11 | Guiding rails. |
| 6 | Pull-rod CTP-SIGMA (L = 250). | 12 | Monorail track. |

TECHNICAL CHARACTERISTICS

CARRYING CAPACITY [kN]	4 x 17.5	LIFTING SPEED [m/min]	~ 6
ACTUATOR	∅ 90 / ∅ 60 x 720	LIFTING HEIGHT [mm]	1440
NUMBER OF ACTUATORS	4	ADMISSIBLE RADIUS OF TRACK	
MIN. SUPPLY PRESSURE [MPa]	20 (max 0 l/min)	IN HORIZONTAL SURFACE [m]	4
WORKING MEDIUM	oil or oil/water emulsion	IN VERTICAL SURFACE [m]	8
		ADMISSIBLE INCLINATION OF TRACK [°]	± 6