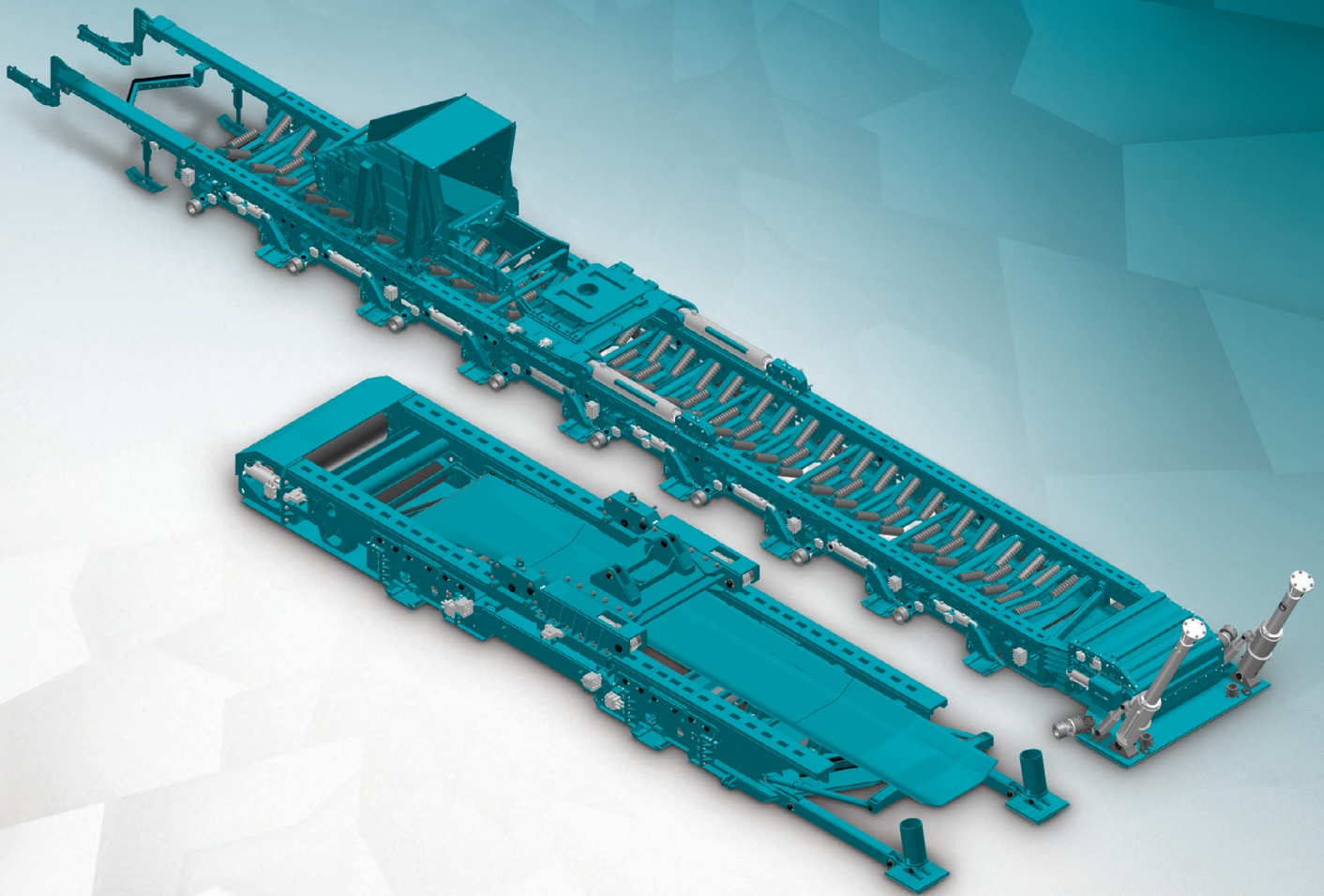




SZN  
**MONITOR  
LIZARD**  
MOBILE TAIL PIECE

**WILDCAT**  
LOW MOBILE TAIL PIECE

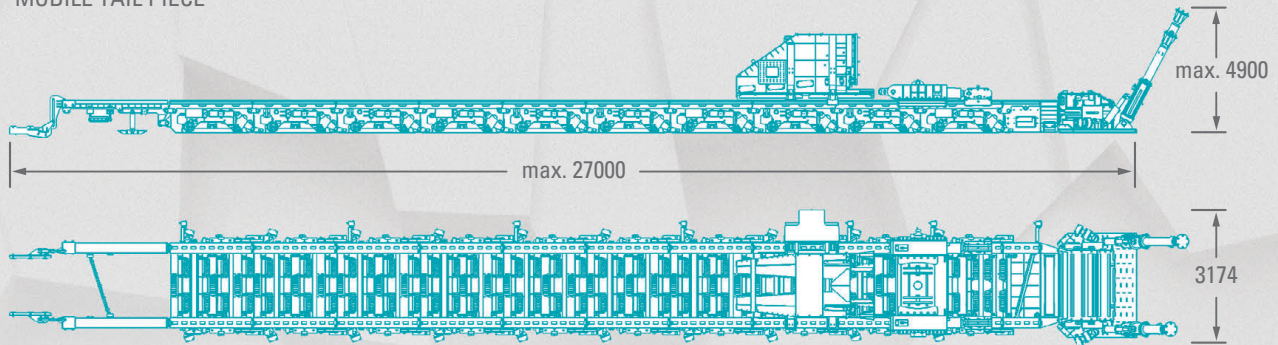


Mobile tail piece SZN-MONITOR LIZARD and low mobile tail piece WILDCAT work as part of haulage system of belt conveyor and are transitional element between belt conveyor and beam stage loader. Due to internal built-in pushing system, the devices allow to move with push (advance) of complete stageloader system and moreover, through the same system, regulation of mobile tail piece's belt conveyor's tail pulley is done. It is possible to adjust the positioning of mobile tail piece in underground mining excavation horizontally and vertically.

DIAGRAM

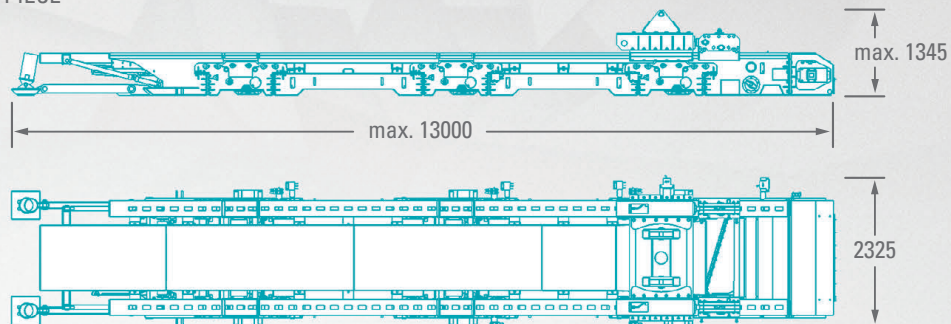
**SZN-MONITOR LIZARD**

MOBILE TAIL PIECE



**WILDCAT**

LOW MOBILE TAIL PIECE



TECHNICAL CHARACTERISTICS

	SZN-MONITOR LIZARD	WILDCAT
BELT WIDTH [mm]		1000, 1200, 1400
MAX. LENGTH OF MOBILE TAIL PIECE [m]	27	20
ADMISSIBLE TRANSVERSE AND LONGITUDINAL INCLINATION OF UNDERGROUND MINING EXCAVATIONS WHERE MOBILE TAIL PIECE IS INSTALLED	Limited by angles which allow compatible conveyors to be installed	
MAX. SUPPLY PRESSURE OF HYDRAULIC UNITS [MPa]		30
MAX. STRESS ON BEAM BELOW DRIVE UNIT [kN]		250
BEAM STAGE LOADERS ALLOWED TO OPERATE WITH MOBILE TAIL PIECE	All approved conveyors	
BELT CONVEYORS ALLOWED TO OPERATE WITH MOBILE TAIL PIECE	All approved belt conveyors with belt width of 1000, 1200 or 1400 mm	
MAX. POWER OF BELT CONVEYORS' MOTORS [kW]		800
ACTUATORS USED IN PUSH (ADVANCE) SYSTEM	Approved type, allowing max. advance up to 2000	
PISTON ROD-SIDE FORCE OF PUSH (ADVANCE) SYSTEM [kN]	2 x 1000	
PISTON-SIDE FORCE OF PUSH (ADVANCE) SYSTEM [kN]	2 x 600	
ACTUATOR OF POSITIONING CORRECTION SYSTEM		
VERTICAL CORRECTION	max. force 130 kN, move (push) 500 mm	max. piston rod-side force 190 kN
HORIZONTAL CORRECTION	max. force 130 kN, move (push) 255 mm	max. piston-side force 100 kN
ACTUATOR OF TAIL PULLEY REGULATION	max. piston-side force 100 kN, move (push) 80 mm	