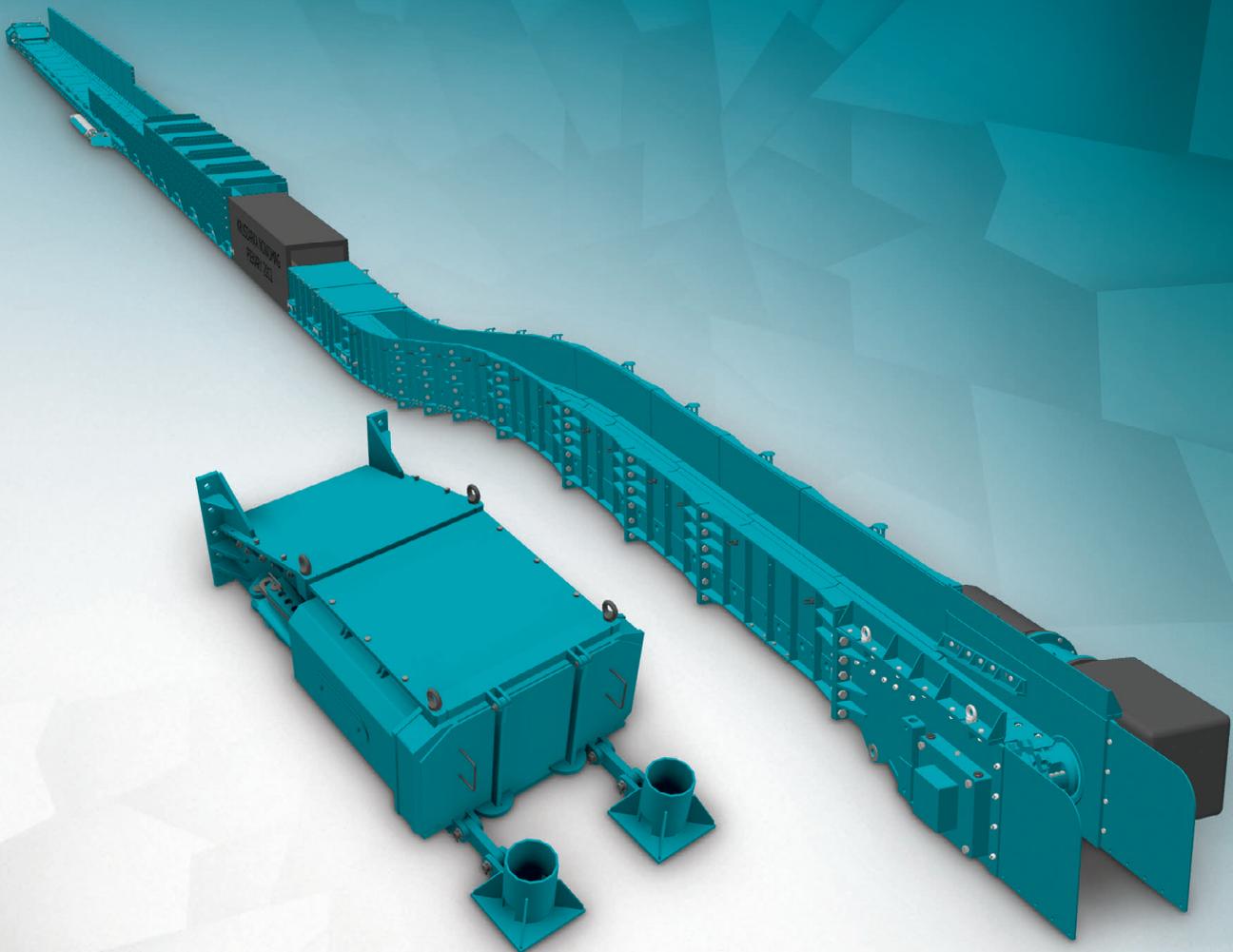




PZP
COBRA
BEAM STAGE LOADER

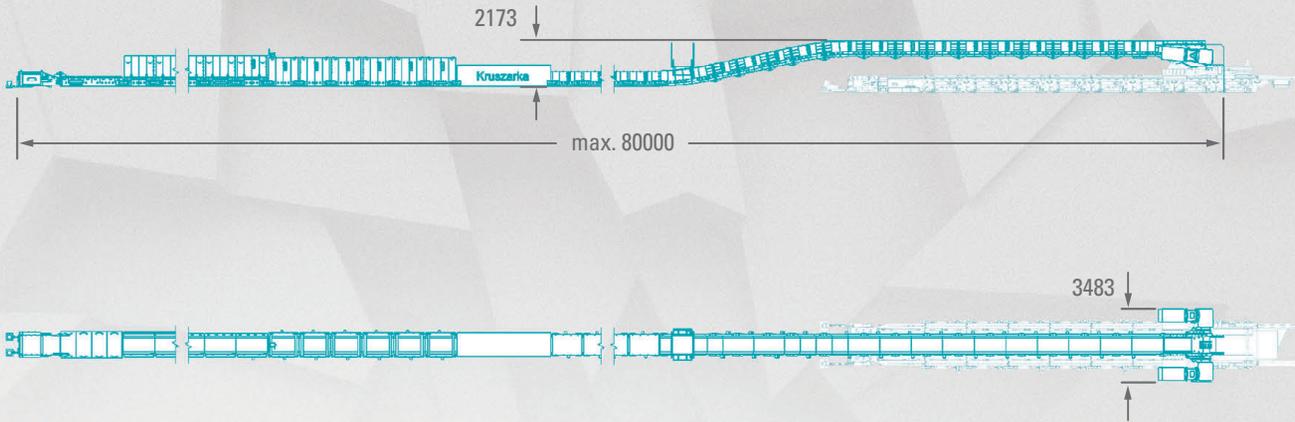


Beam Stage Loader PZP-COBRA is designed to transport mined coal from the longwall face to the main belt conveyor. Version of Beam Stage Loader with elongated and suspended ramp allows to cover mobile tail piece up to 30 m, or version with rigid ramp allows to cover mobile tail piece up to maximum 18 m. Given Beam Stage Loader is able to cooperate with Armoured Face Conveyors and belt conveyors of any kind.

Beam Stage Loader is equipped with telescopic return pan. Telescopic return pan ZWT-SIGMA is the last segment (no drive used) of Beam Stage Loader line pan sections. It's designed to change direction of chain assembly and its tensioning. Its construction allows to tension the chain without increase of tailpiece length (length of the conveyor). Telescopic return pan in conveyor's configuration replaces overlapping turning device and telescopic line pan.

PZP-COBRA
BEAM STAGE LOADER

DIAGRAM



TECHNICAL CHARACTERISTICS

AVERAGE CAPACITY [t/h]	1530 – 2800
CHAIN SPEED [m/s]	1.14 – 2.08
POWER OF DRIVE	
ONE GEAR ENGINE [kW]	90, 100, 132, 160, 200
TWO GEAR ENGINE [kW]	45/90, 45/132, 30/100, 55/160, 65/200
NUMBER OF DRIVES	1 or 2
TYPE OF GEARBOX	approved gearwheels or bevel-helical gearboxes of power range from 90 kW to 200 kW
COUPLING	e.g. 562TWVVFH-X (fluid coupling)
BSL CHAIN	∅ 26 x 92 x 2, ∅ 30 x 108 x 2, ∅ 34 x 126 x 2
LINE PAN OF 1500 mm length	Height range from E225 to E295. Width range from 750 mm to 1110 mm.
LONGITUDINAL INCLINATION [°]	± 25
INCLINATION ABILITY OF JOINED SEGMENTS OR LINE PAN SECTIONS [°]	± 2 in horizontal direction ± 3 in vertical direction