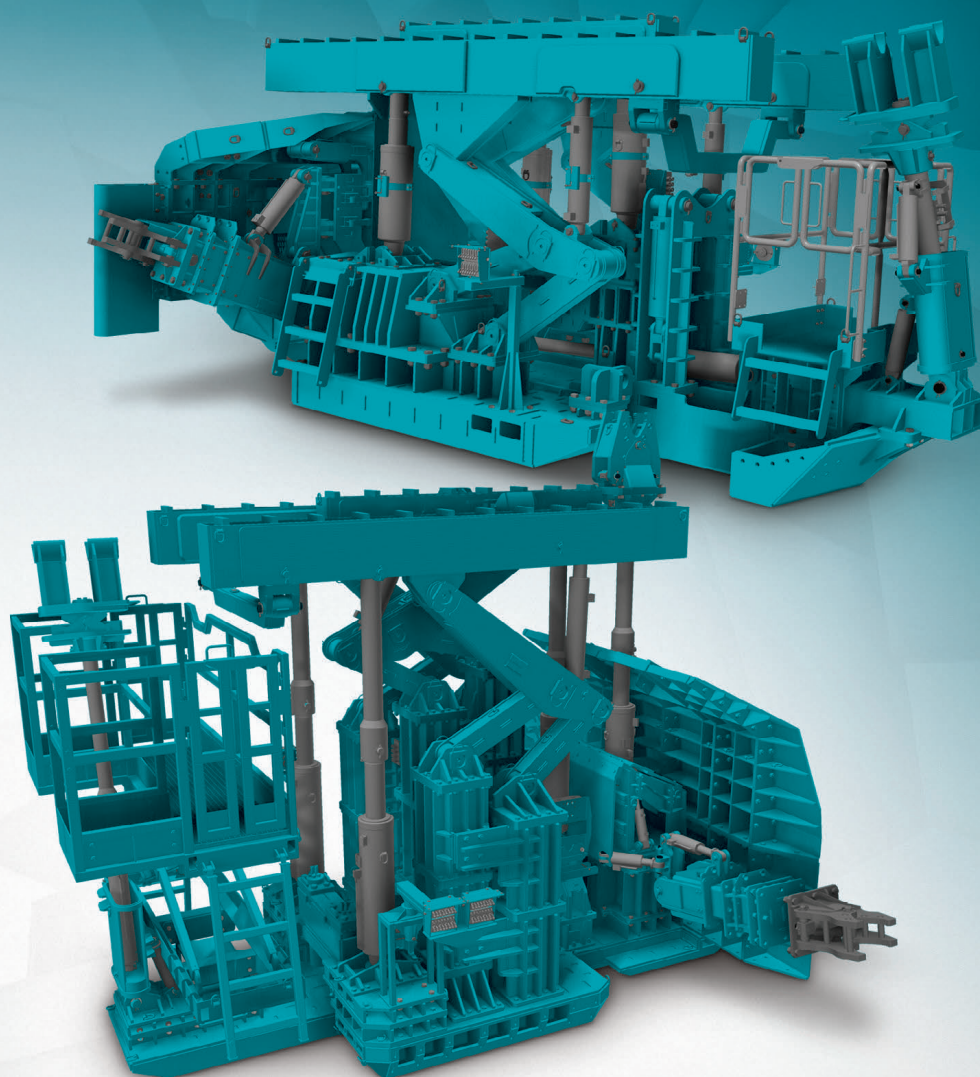




URW

# PANDA • PANDA II

MINING EXCAVATION'S REMOVAL DEVICE



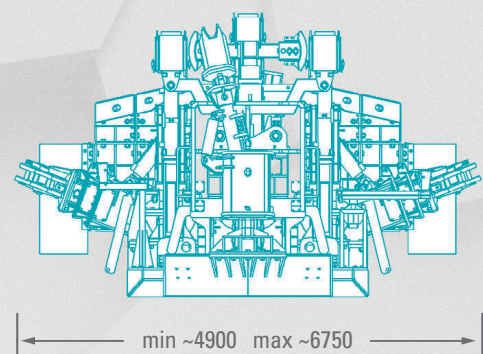
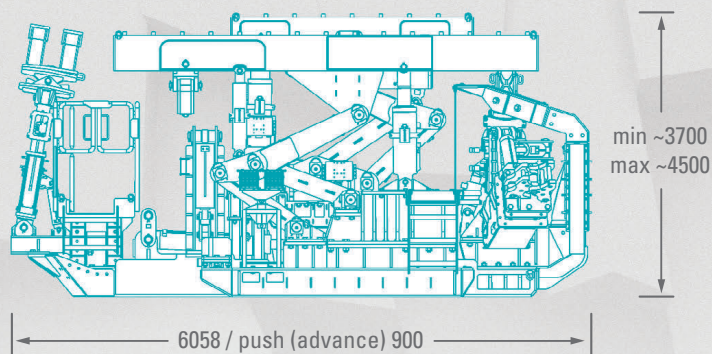
Mining excavation's removal device URW-PANDA and URW-PANDA II is designed to automatize work at underground mining excavations referring to removal (disassembly) of steel arch supports in underground roadways. The device allows to prop the steel arch support, untighten the fasteners and to safely removal (disassembly) the supports' elements, without necessity of keeping the employees in hazard area. Disassembly of steel arch support elements is possible through supporting removal prop and side arms. Construction of the device allows its shifting through installed actuators. During device shifting, steel arches are being constantly supported through one or two propping beams, depending on stage of device's work.



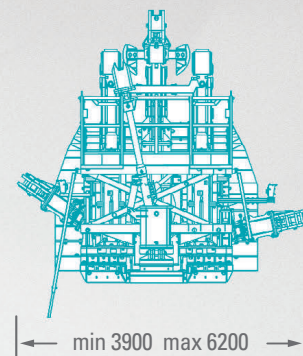
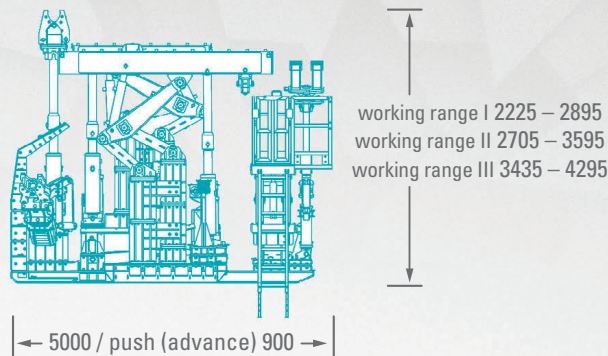
## DIAGRAM

**URW-PANDA**

MINING EXCAVATION'S REMOVAL DEVICE

**URW-PANDA II**

MINING EXCAVATION'S REMOVAL DEVICE



## TECHNICAL CHARACTERISTICS

	URW-PANDA	URW-PANDA II
WORKING RANGE [mm]	2470 – 4400	2275 – 2845
MIN. AND MAX. HEIGHT [mm]	2370 – 4500	2225 – 2895
WITH MECHANICAL EXTENSION L = 500 AND SPACER PLATE L = 700 mm [mm]		2705 – 3595
WITH MECHANICAL EXTENSION L = 1200 AND SPACER PLATES 2 x L = 700 [mm]		3435 – 4295
DEVICE'S PUSH (ADVANCE) [mm]	900	900
PROPS		
SUPPORTING [pcs]	3	3
REMOVING [pcs]	1	1
TYPE	double telescopic	double telescopic
SIZE	210/200/160/140 x 2105 210/200/160/140 x 870	210/200/160/140 x 1400
WORKING SUPPORTING STRENGTH [kN]	1039 (by pressure of 30 MPa)	
WORKING INITIAL STRENGTH [kN]	865 – 969 (by pressure of 20 MPa)	692 (by pressure of 20 MPa)
TRANSVERSE EXCAVATION'S INCLINATION [°]	± 5	
LONGITUDINAL EXCAVATION'S INCLINATION [°]	± 15	
MAX. SUPPLY PRESSURE [MPa]	35	32
WORKING MEDIUM	fire-resistant hydraulic fluids cat. HFA	