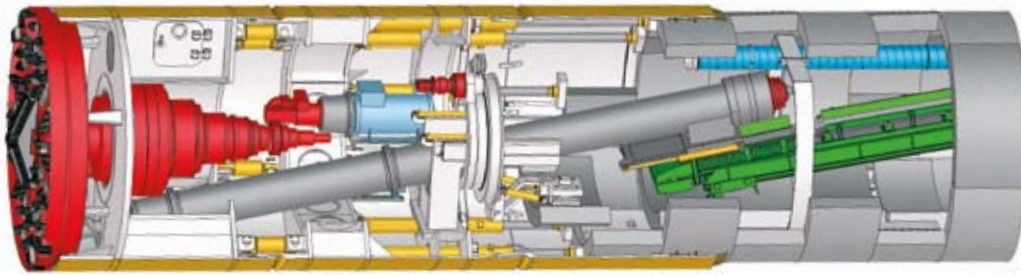


EPB2300AH – EPB4000AH SEGMENT LINING – TRAIN SYSTEM



SPECIAL FEATURES

- Face support by earth pressure.
- Soil conditioning by foam injection in excavation chamber and screw conveyor possible.
- Maximum dimension of screw conveyor.
- Designed for soft and mixed ground conditions by use of different cutting wheels (full face excavation).
- Access to cutting wheel for tool replacement (backloading system).
- Highly reliable steering operation due to inductive measuring system.
- Equipped with heavy duty long-life main bearing and high torque main drive.
- Medium-voltage power supply line to machine power pack.
- All machines compatible to U.N.S. Guidance System.
- Muck pump conveyance possible.
- Shaft dimensions according to specific project.
- Suitable to Combisegments™.

TECHNICAL DATA		EPB2300AH	EPB2600AH	EPB2900AH	EPB3200AH	EPB3600AH	EPB4000AH
1. Articulated Shield							
Outer diameter	mm	2,910	3,225	3,625	3,925	4,220	4,660
Segment OD	mm	2,700	3,000	3,400	3,700	4,000	4,500
Segment ID	mm	2,300	2,400	2,900	3,200	3,500	4,000
Segment length	mm	950	1,000	1,000	1,200	1,200	1,300
Main drive							
Max. torque	kNm	1,020	1,200	1,600	1,600	1,600	2,300
Revolution	LH/RH rpm	0-6	0-6	0-6	0-6	0-6	0-4
Rated Power	kW	250-315	315-400	315-400	400	400-630	630-800
Roll correction		✓	✓	✓	✓	✓	✓
Steering							
Steering cylinders		8	8	8	8	8	8
Force per cyl./oil pressure	kN/bar	690/450	690/450	900/450	1,140/450	1,140/450	2,040/400
Stroke per cyl.	mm	100	150	150	150	150	200
Control							
Computer data logging system		✓	✓	✓	✓	✓	✓
Fully visualized process control		✓	✓	✓	✓	✓	✓
Active roll protection (el.-hydr.)		✓	✓	✓	✓	✓	✓
Suitability U.N.S.:	ELS	✓	✓	✓	✓	✓	✓
	ELS-HWL	✓	✓	✓	✓	✓	✓
	GNS	✓	✓	✓	✓	✓	✓
2. Push Module							
Wire brush seal with automatic lubrication		✓	✓	✓	✓	✓	✓
Propulsion cylinders		12	12	12	12	16	16
Stroke	mm	1,700	1,700	1,700	1,900	1,900	2,100
Total force	kN/400bar	9,650	12,200	12,200	13,600	16,250	22,150
3. General Information							
Drive length (recommended)	m	2,000	2,000	2,000	2,000	3,500	3,500
Access to cutting wheel		✓	✓	✓	✓	✓	✓
Waterproofness	bar	3	3	3	3	3	3
Airlock		opt.	opt.	opt.	opt.	opt.	opt.

All measures and data represent the main feasibility of the machines. Individual solutions are possible. Errors excepted.

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