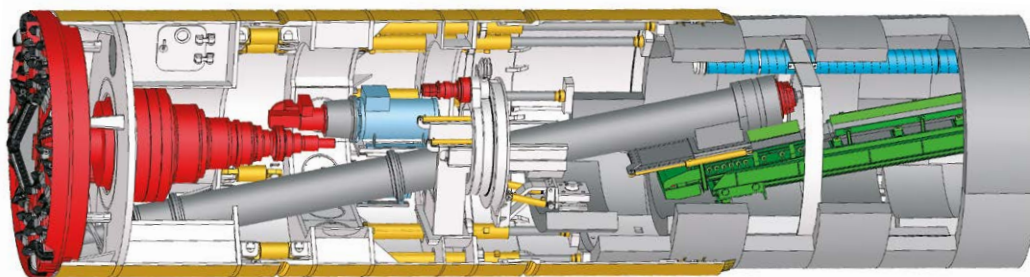


EPB2600AH – EPB4000AH SEGMENT LINING – TRAIN SYSTEM



Special Features

- › Face support by earth pressure
- › Soil conditioning by foam injection through cutting wheel and in excavation chamber/screw conveyor
- › Retractable screw conveyor possible
- › 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 with TUNIS Navigation System
- › Muck pump conveyance possible
- › Shaft dimensions according to project requirements
- › Compatible with Combisegments®

TECHNICAL DATA	EPB2600AH	EPB3000AH	EPB3200AH	EPB3500AH	EPB4000AH
1. Articulated Shield					
› Outer diameter	3,225 mm	3,625 mm	3,925 mm	4,220 mm	4,660 mm
› Segment OD	3,000 mm	3,400 mm	3,700 mm	4,000 mm	4,500 mm
› Segment ID	2,600 mm	3,000 mm	3,200 mm	3,500 mm	4,000 mm
› Segment length (recommended)	1,000 mm	1,200 mm	1,200 mm	1,200 mm	1,300 mm
Main Drive					
› Max. torque	1,200 kNm	1,600 kNm	1,600 kNm	1,600 kNm	2,300 kNm
› Revolution (LH/RH)	0–6 rpm	0–6 rpm	0–6 rpm	0–6 rpm	0–4 rpm
› Rated power	315–400 kW	315–400 kW	400 kW	400–630 kW	630–800 kW
› Roll correction	x	x	x	x	x
Steering					
› Steering cylinders	8	8	8	8	8
› Force per cyl./oil pressure	805 kN/400 bar	805 kN/400 bar	1,017 kN/400 bar	1,017 kN/400 bar	1,809 kN/400 bar
› Stroke per cyl.	150 mm	150 mm	150 mm	150 mm	200 mm
Control					
› Computer data logging system	x	x	x	x	x
› Fully visualized process control	x	x	x	x	x
› Active roll protection (el.-hydr.)	x	x	x	x	x
› Suitability TUNIS Navigation System:					
› Laser	x	x	x	x	x
› HydroLevel	x	x	x	x	x
› Gyro	x	x	x	x	x
› LaserTotalstation	x	x	x	x	x
2. Push Module					
› Wire brush seal with automatic lubrication	x	x	x	x	x
› Propulsion cylinders	12	12	12	12	12
› Stroke	1,700 mm	1,900 mm	1,900 mm	1,900 mm	2,100 mm
› Total force / oil pressure	11,904 kN/350 bar	13,200 kN/350 bar	15,960 kN/350 bar	15,960 kN/350 bar	22,300 kN/350 bar
3. General Information					
› Drive length (recommended)	2,000 m	5,000 m	5,000 m	7,000 m	7,000 m
› Access to cutting wheel	x	x	x	x	x
› Operating pressure	3 bar	3 bar	3 bar	3 bar	3 bar
› Airlock	opt.	opt.	opt.	opt.	opt.