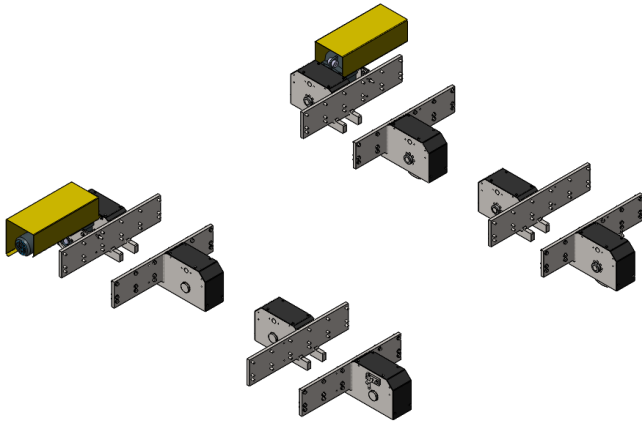


EDB/EIB 7.5 to EDB/EIB 120

Rail cars



EDB 7.5 to EDB 120 (Drive) and EIB 7.5 to EIB 120 (Idler) are rail cars/rail bogies to be used together with conventional or self-aligning roller beds and fit-up units.

They have a smart and robust design made of high-quality key components including maintenance free slide bearings, steel flange wheels as well as direct drive on the driven unit.

- Side mounted design which reduces the total height
- Mechanical and electrical Interface to ESAB standard roller beds and fit-up units
- Standard track width C – C, 1730 mm up to 30 ton and 2500 mm above
- High quality gear motors from a European supplier with a minimum of backlash

Visit esab.com for more information.

Industry

- Windtower
- Ship and Offshore Yards
- Pressure Vessels
- Pipelines
- Petrochemical



EDB/EIB 7.5 to EDB/EIB 120

Specifications						
	EDB/EIB 7.5	EDB/EIB 15/30	EDB/EIB 60	EDB 90	EDB 120	EIB 90/120
Max Loading Capacity per set Drive/Idler set*	3.75 ton	15 ton	30 ton	45 ton	60 ton	60 ton
Max Travelling Capacity Drive Unit	7.5 ton	30 ton	60 ton	90 ton	120 ton	N/A
Drive Motor	2 x 0.09 kW	2 x 0.12 kW	2 x 0.25 kW	2 x 0.37 kW		N/A
Travelling Speed Low / Mid / High	200 / 1000 / 2000 mm/min					N/A
Track width	1730 mm		2500 mm			
Phases **	3 ph					N/A
Input Voltage / Frequency **	380 - 440 V / 50Hz					N/A
Wheel Type	Steel wheel with single flange					
Weight Drive Unit (one set of EDB)	394 kg (2x112 kg + 2x85 kg)	436 kg (2x128 kg + 2x90 kg)	716 kg (2x207 kg + 2x151 kg)	1142 kg (2x334 kg + 2x237 kg)	1234 kg (2x380 kg + 2x237 kg)	N/A
Weight Idler Unit (one set of EIB)	340 kg (4x85 kg)	360 kg (4x90 kg)	604 kg (4x151 kg)	N/A	N/A	948 kg (4x237 kg)
Extended width to the roller bed (along the rails)	706 mm (2x353 mm)		826 mm (2x413 mm)	986 mm (2x493 mm)		
Extended height to the roller bed	90 mm		150 mm	230 mm		
Control Voltage **	24 VDC					N/A

* One set is needed to carry one roller bed unit.

** Mains supply and control voltage from roller bed control panel.

Ordering Information	
Rail Car EDB 7.5, Drive Unit	0909027880
Rail Car EIB 7.5, Idler Unit	0909028880
Rail Car EDB 15/30, Drive Unit	0909025880
Rail Car EIB 15/30, Idler Unit	0909026880
Rail Car EDB 60, Drive Unit	0909029880
Rail Car EIB 60, Idler Unit	0909030880
Rail Car EDB 90, Drive Unit	0909031880
Rail Car EIB 90/120, Idler Unit	0909032880
Rail Car EDB 120, Drive Unit	0909033880



ESAB / esab.com

