

ECD/ECI 7.5 to ECD/ECI 120

Conventional Roller Beds



ECD 7.5 to ECD 120 (Drive) and ECI 7.5 to ECI 120 (Idler) are standard conventional roller beds.

They have a smart and robust design made of high-quality key components including high-load polyurethane rollers as well as direct drive and a flexible integration.

- Interface connection to ESAB CaB equipped with weld controller PEK for complete integration
- Two wireless remote-control pendants using Radio Frequency (RF), and an inductive charger comes as standard
- Control panel with PLC and solid-state inverter for precise speed control
- Wheel holder C - C adjustable in steps to cover various work piece diameters
- High quality gear motors from a European supplier with a minimum of backlash
- Optional Motorised/Idler Rail Bogie versions

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Industry

- Wind Tower Fabrication
- Offshore and Shipyards
- Pressure Vessels
- Pipelines



Specifications

	ECD/ECI 7.5	ECD/ECI 15	ECD/ECI 30	ECD/ECI 60	ECD/ECI 90	ECD/ECI 120
Max Loading Capacity Drive/Idler Unit*	3.75 ton	7.5 ton	15 ton	30 ton	45 ton	60 ton
Max Turning Capacity Drive Unit	11.25 ton	22.5 ton	45 ton	90 ton	135 ton	180 ton
Turning Drive Motor	2 x 0.25 kW	2 x 0.18 kW	2 x 0.37 kW	2 x 0.75 kW	2 x 1.00 kW	2 x 1.50 kW
Turning Speed	150- 1500 mm/min	200 - 2000 mm/min				
Workpiece Diameter	300 - 4000 mm	480 - 5700 mm	480 - 5700 mm	700 - 7600 mm	700 - 7600 mm	700 - 7600 mm
Phases	3 ph					
Input Voltage / Frequency	380 - 440 V / 50Hz					
Roller Type	Polyurethane (90° C / 92° A Shore)					
Roller Width / Diameter (mm (no. of wheels))	90 / 300 mm (1)	90 / 400 mm (1)	90 / 400 mm (2)	180 / 580 mm (1)	250 / 580 mm (1)	180 / 580 mm (2)
Weight Drive Unit	395 kg	645 kg	865 kg	1390 kg	1895 kg	2600 kg
Weight Idler Unit	298 kg	475 kg	625 kg	1055 kg	1430 kg	1895 kg
Dimensions Drive Unit LxWxH	2959x810x686 mm	3647x774x700 mm	3874x810x700 mm	4920x895x900 mm	5054x1028x900 mm	5300x1230x900 mm
Dimensions Idler Unit LxWxH	2200x500x650 mm	2790x600x700 mm	2790x700x700 mm	3740x700x900 mm	3740x800x900 mm	3740x900x900 mm
Control Voltage	24 VDC					

* per roller bed section. Mains cable not included in delivery.

Ordering Information

Roller Bed ECD 7.5, Drive Unit, with digital display	0909250881
Roller Bed ECD 7.5, Drive Unit, without digital display	0909250880
Roller Bed ECI 7.5, Idler Unit	0909251880
Roller Bed ECD 15, Drive Unit, with digital display	0909000881
Roller Bed ECD 15, Drive Unit, without digital display	0909000880
Roller Bed ECI 15, Idler Unit	0909001880
Roller Bed ECD 30, Drive Unit, with digital display	0909002881
Roller Bed ECD 30, Drive Unit, without digital display	0909002880
Roller Bed ECI 30, Idler Unit	0909003880
Roller Bed ECD 60, Drive Unit, with digital display	0909004881
Roller Bed ECD 60, Drive Unit, without digital display	0909004880
Roller Bed ECI 60, Idler Unit	0909005880
Roller Bed ECD 90, Drive Unit, with digital display	0909006881
Roller Bed ECD 90, Drive Unit, without digital display	0909006880
Roller Bed ECI 90, Idler Unit	0909007880
Roller Bed ECD 120, Drive Unit, with digital display	0909008881
Roller Bed ECD 120, Drive Unit, without digital display	0909008880
Roller Bed ECI 120, Idler Unit	0909009880

Options and Accessories

CaB integration cable 10 m, 20 m, 30 m, 40 m, 50m	0909530880, -881, -882, -883, -884
Synchronisation cable 10 m, 20 m, 30 m, 40 m, 50m	0909530900, -901, -902, -903, -904



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