



Self Aligning Roller Beds

SD-5 to SD-120

SI-5 to SI-120



- Robust design with durable rollers
- Gritblasted steelwork with polyurethane finished coating to endure the abrasive environment of offshore and marine industries
- Special formulated high-load polyurethane tyre design for high wear resistance.
- Cast steel gearbox with double worm gear arrangement for smooth operation and minimum backlash
- Solid state inverter for precise speed control
- Motorised and Idler Rail Bogie option
- Electrical Clutch

Applications

- **Wind Tower Fabrication**
- **Offshore and Shipyards**
- **Pressure Vessels**
- **Thin Wall Vessel/PipexA**

Technical data

Model		SD-5 SI-5	SD-15 SI-15	SD-30 SI-30	SD-60 SI-60	SD-90 SI-90	SD-120 SI-120
Max Loading Capacity (MT)	Drive unit	2.5	7.5	15	30	45	60
	Idler unit	2.5	7.5	15	30	45	60
Turning Capacity (MT)	Drive unit	7.5	22.5	45	90	135	180
Turning Speed (mm/min)		127.3-1273	130-1300	120-1200	120-1200	100-1000	100-1000
Vessel Diameter – 2 Tyre (mm)	Min.	200	200	300	300	200	300
	Max.	788.8	788.8	1136	1136	1070	1156
Vessel Diameter – 4 Tyre (mm)	Min.	789	789	1137	1137	1071	1157
	Max.	6600	6600	7200	7600	8300	8100
Polyurethane Tire (Dia/Inch)		330 (13")	330 (13")	457 (18")	457 (18")	450 (17.7")	520 (20.5")
Size (Width/Inch)		76.2 (3")	152.4 (6")	127 (5")	127 (5") x 2	250 (9.8")	178 (7") x 2
Power Supply	50Hz/3PH	380/400/415V					
	60Hz/3PH	440/460/480V					
IP Classification		IP 54					
Isolator Rating (Amp)		50					
Control Voltage (VAC)		24					
Motor (KW)		2x0.37	2x0.55	2x1.1	2x1.5	2x3	2x4
AC inverter (KW)		1.5	1.5	2.2	3	7.5	11
Est. Weight (KG)	Drive unit	950	1170	2320	3060	3260	4397
	Idler unit	620	820	1560	2200	2466	3410
Dimensions LxHxW (mm)	Drive unit	3816x930x753	3814x930x788	4232x1295x818	4537x1295x965	4800x1406x987	4866x1502x1082
	Idler unit	3100x930x686	3100x930x756	3400x1295x814	3600x1295x890	3900x1406x938	3968x1502x975
Cable control box (m)		10					

Ordering Information

0370250050	Roller Bed SD-5	0370250051	Roller Bed SI-5
0370250134	Roller Bed SD-15	0370250135	Roller Bed SI-15
0370250136	Roller Bed SD-30	0370250137	Roller Bed SI-30
0370250058	Roller Bed SD-60	0370250059	Roller Bed SI-60
0370250138	Roller Bed SD-90	0370250139	Roller Bed SI-90
0370250095	Roller Bed SD-120	0370250096	Roller Bed SI-120

Options

- 0370250301 Foot pedal
- 0370250302 Synchronise Kit
- 0370250431 Pendant with LCD Display

For Rail Bogie detail, please refer to Rail Bogie Factsheet.



Pendant with LCD Display



Foot Pedal

Note: All specification and dimension are subject to change without further notice.
All Equipment come without Power Supply Cable.

