



MADE IN INDIA

SB ELECTRIC WIRE ROPE HOIST

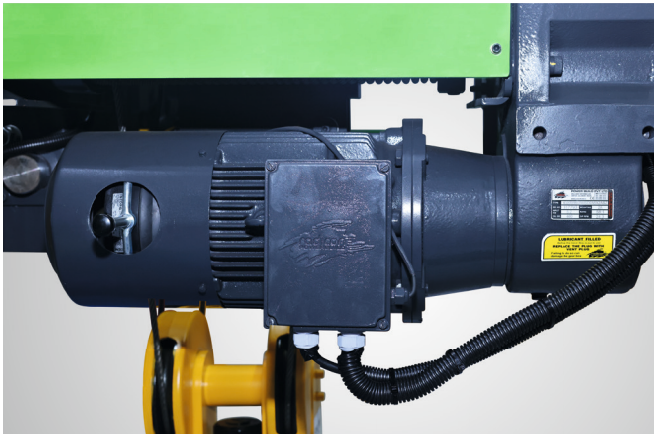
FEATURES & BENEFITS

Designed for efficiency, safety, and reliability, the SB electric wire rope hoist is a heavy-duty yet compact hoist suited for light, medium, and heavy-duty lifting applications. Made in India, this hoist features a state-of-the-art gearbox and motor with low maintenance brake assembly. This hoist provides high- performance, smooth and efficient operation, durability, and safety features to protect your operators.



GEARBOX

Engineered and built exclusively for hoisting application with high center distance and higher clearance between motor and rope that boost the hoists performance. Enclosed gearbox with hardened and precision ground gears permanently immersed in synthetic oil for smooth and longer life. Cast iron housing permits higher service factor.



MOTOR & INVERTER

The IEC frame motors offer easy installation, maintenance, and replacement. These heavy-duty, fan-cooled squirrel-cage motors feature PTC thermistor overheating protection with Class F insulation and an IP55 enclosure, ensuring reliable performance in demanding industrial environments. Both Hoisting and Cross travel with inverter control for smooth operation.



BRAKE

The low-maintenance, fail-safe DC disc brake ensures reliable and secure operation. A standard hand-release lever allows safe load lowering in the event of a power failure, while the IP55 enclosure provides dependable protection.



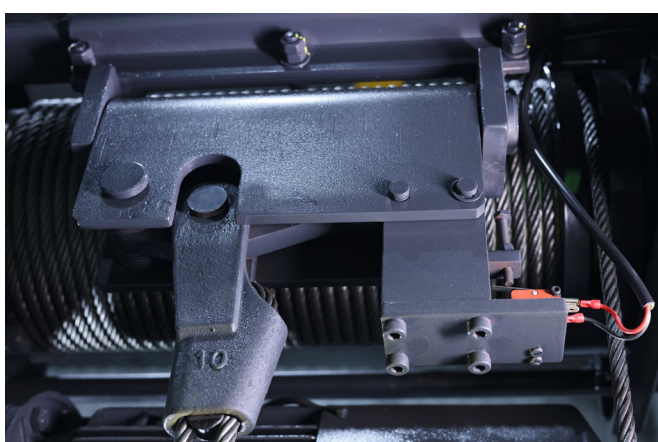
LOW-MAINTENANCE

High-quality components designed for minimal maintenance and repairs, including brakes, wire rope, and drive units. Control cabinet layout is optimized for easy serviceability and clearly labeled for ease of maintenance. Featured name-brand components for easy recognition. Commonly found wire rope construction is easy and economical to replace and does not require any special swaged fittings. Both Hoisting and Cross travel with inverter control for smooth operation.



LONG HOIST LIFE

Constructed of durable components, such as the hoist frame, wheels, rope drum, wire rope, gearbox, and more, the SB hoist is designed for long service life. Single-grooved drum has a groove depth of 35% and four falls single reeving configuration. This reduces the likelihood of rope overwrapping and helps reduce rope wear. CNC/VMC machined components such as rope drum, wheels, pinions, pulley & others to ensure the quality and smooth finish.



SAFE OPERATION

Mechanical overload device prevents the hoist from lifting over the rated capacity. Enclosed rope guide ring ensures the rope remains fully seated in the drum groove, preventing rope overlap. Geared limit switch limits top and bottom hook position to prevent the load from hitting the hoist and ensures the minimum number of wire rope safety wraps remain on the drum. Limit switch is directly coupled to the drum for accurate positioning. And designed to meet BIS safety standards

RELIABLE & DURABLE CONSTRUCTION

With a heavy-duty frame, high-quality paint, and precision machined wheels, this hoist is durable and reliable, even for heavy-duty applications and harsh environments.

SPECIAL FEATURES

Adjustable equalizing sheave and Wedge assembly based on actual requirement to increase rope and rope guide life and 2 wheel drive to ensure smooth CT movement.

TECHNOLOGY & OPTIONS

You can work with confidence knowing that the SB electric monorail wire rope hoist is engineered with advanced features and technology to deliver high performance, reliability, and durability. Designed for long service life and ease of maintenance, it ensures reliable operation even in demanding applications.

LONG-LASTING WHEELS

The wheels feature high indentation hardness and self-lubricating bearings, ensuring smooth and reliable operation. They are specially designed to run on both tapered and flat beams, providing versatility and long-lasting performance.

CONTROL PANEL

Larger sized panels enable easier accessibility, IP54 protection.

SUPERIOR FRAME

Rigid tube constructed frame provides excellent performance on hoist beam.

ADJUSTABLE TROLLEY

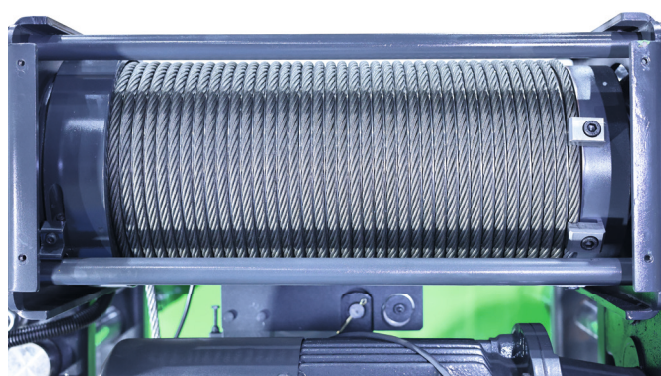
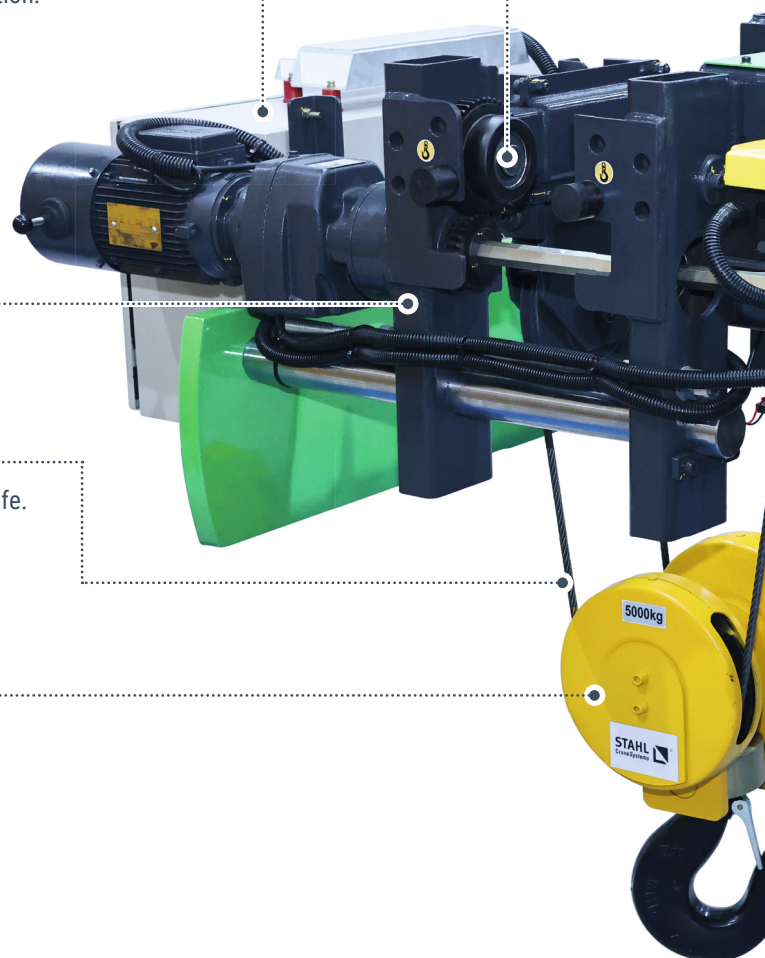
The design allows for quick and easy beam assembly.

LONG-LASTING WIRE ROPE

The wire rope is highly flexible and features a long service life.

HOOK BLOCK

Robust bottom hook block with low-headroom design for use in tight spaces.



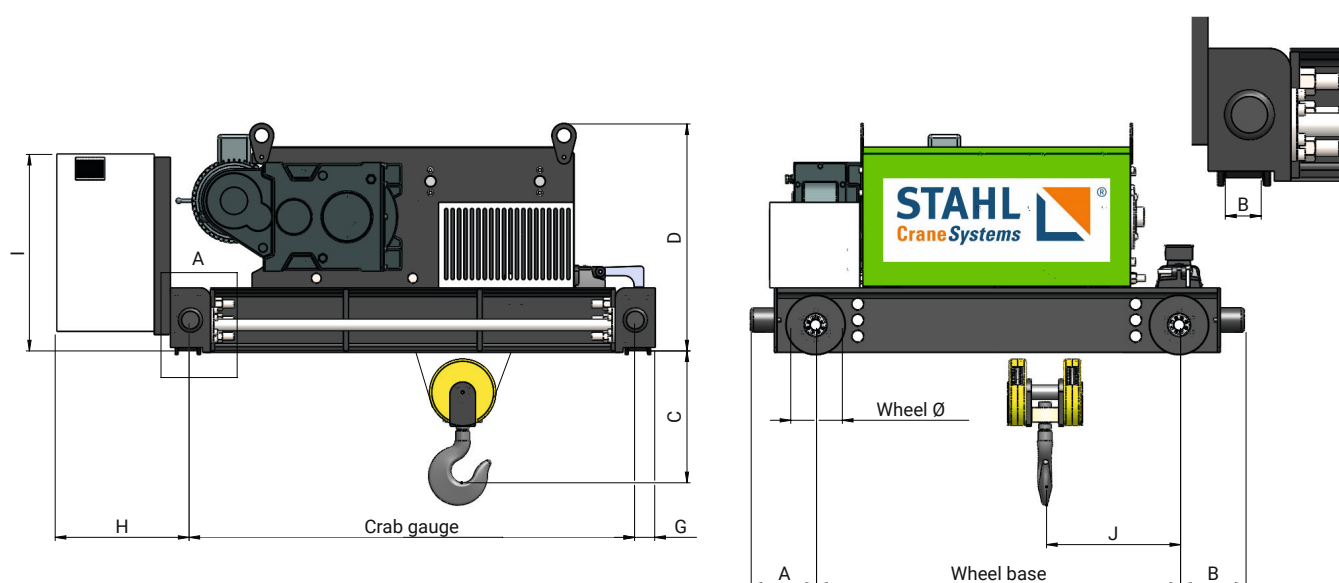
VIEW OF ROPE DRUM

The rope drum is fully covered and located under the protective plate.



DESIGN & DIMENSIONS

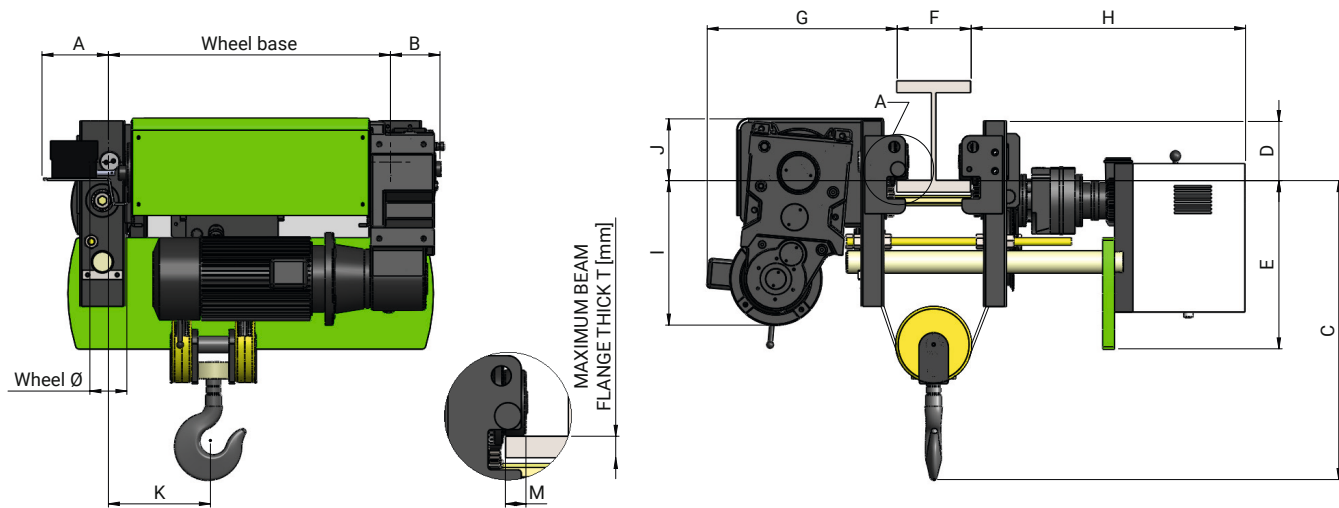
This hoist is available in both monorail and crab configurations, with capacities of 3.2, 5 and 10 tons and a lifting height of 7 and 12 meters. Ideal for use in any application, this hoist is also suitable for areas with space constraints. Featuring a compact, low-headroom design, this hoist has a low-headroom monorail trolley that can be easily adjusted for different beam sizes. The very compact crab trolley design is suitable for achieving maximum lifting height in limited space.



CRAB TROLLEY	HOL	Crab Gauge	Wheel base	Wheel Ø	A	B	D	E	G	H	I	J	C
SB-HD05	7 m	1,000	940	125	175	175	580	55	53	350	610	360	470
	12 m	1,000	1,280										
SB-HD10	7 m	1,400	1,130	160	203	203	705	55	63	416	610	415	690
	12 m	1,400	1,540										

All the dimensions are in mm unless specified.

Load capacity [kg]	HOL	Model Number	Hoist Speed [m/min]	Hoist Motor [kw]	Trolley Speed [m/min]	CT Motor [kw]	FEM	ISO
5,000	7 m	SB-HD05L1M5F4R1S4T20	4/1	5.2	20/5	0.37	2m	M5
	12 m	SB-HD05L2M5F4R1S4T20	4/1	5.2	20/5	0.37	2m	M5
10,000	7 m	SB-HD10L1M5F4R1S4T20	4/1	9.2	20/5	0.55	2m	M5
	12 m	SB-HD10L2M5F4R1S4T20	4/1	9.2	20/5	0.55	2m	M5



MONORAIL HOIST	HOL	Wheel base	Wheel Ø	A	B	D	E	G	H	I	J	K	M
SB-HS03	7 m	786	100	185	145	160	465	490	750	340	167	200	31
	12 m	1,156											
SB-HS05	7 m	763	100	185	145	160	465	520	750	390	167	220	31
	12 m	1,103											
SB-HS10	7 m	985	160	180	180	270	515	630	800	325	345	240	39
	12 m	1,395											

All the dimensions are in mm unless specified.

Hoist Model	C Dimensions [mm]						
SB-HS03	750	785	820	855	890	925	960
SB-HS05	820	850	880	910	940	970	1,000
SB-HS10	950	980	1,010	1,040	1,070	1,100	1,130
Flange width [F]	200	250	300	350	400	450	500

Load capacity [kg]	HOL	Model Number	Hoist Speed [m/min]	Hoist Motor [kw]	Trolley Speed [m/min]	CT Motor [kw]	FEM	ISO
3,200	7 m	SB-HS03L1M5F4R1S4T20	4/1	2.8	20/5	0.37	2m	M5
	12 m	SB-HS03L2M5F4R1S4T20	4/1	2.8	20/5	0.37	2m	M5
5,000	7 m	SB-HS05L1M5F4R1S4T20	4/1	5.2	20/5	0.55	2m	M5
	12 m	SB-HS05L2M5F4R1S4T20	4/1	5.2	20/5	0.55	2m	M5
10,000	7 m	SB-HS10L1M5F4R1S4T20	4/1	9.2	20/5	0.75	2m	M5
	12 m	SB-HS10L2M5F4R1S4T20	4/1	9.2	20/5	0.75	2m	M5