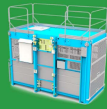


RACK AND PINION CONSTRUCTION HOISTS

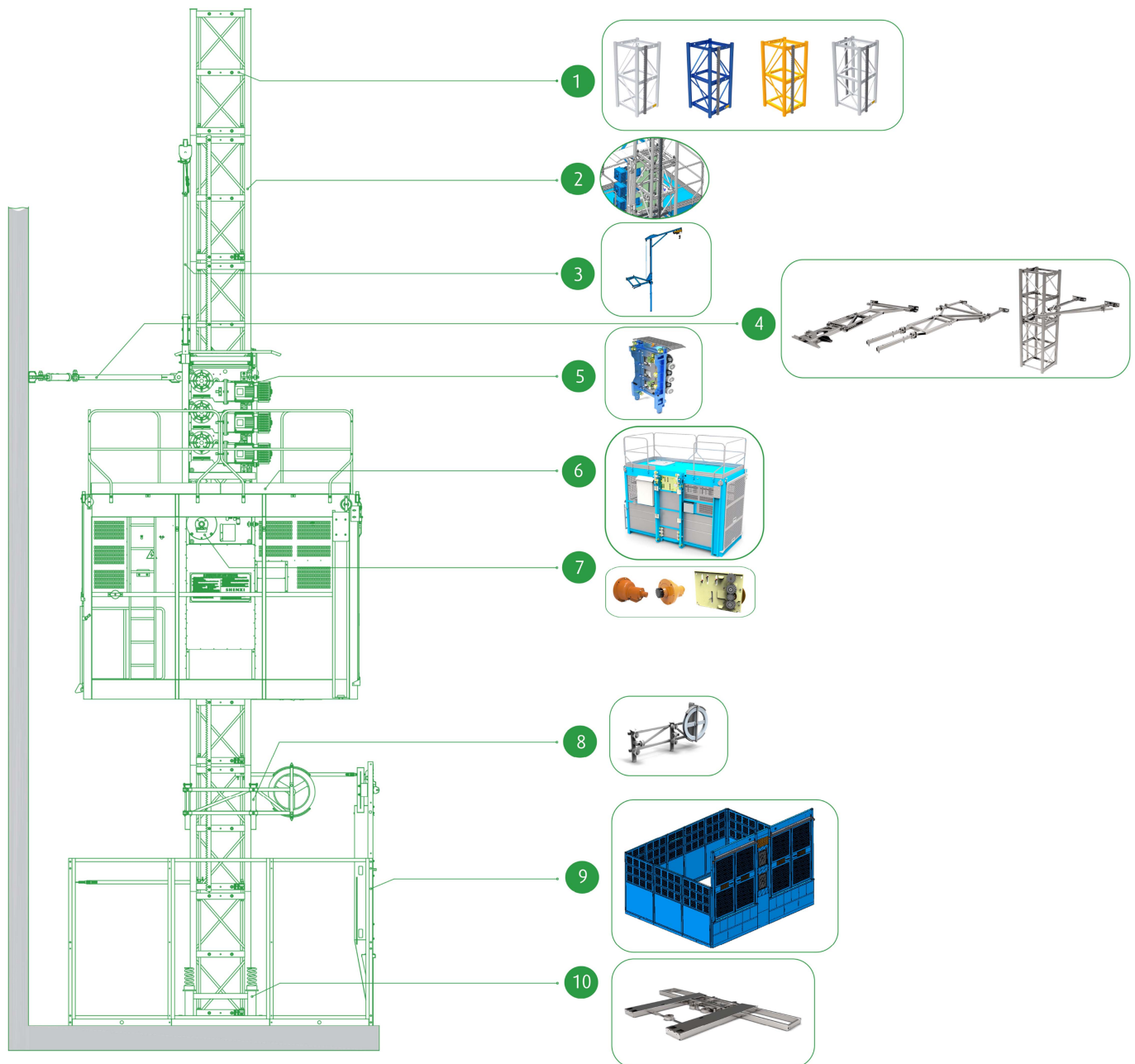
SUSPENDED PLATFORMS, HOISTS, PLATFORMS ACCESS SYSTEM



SC SERIES CONSTRUCTION HOISTS



SC Series construction hoists are the one of domestically leading technology that well designed and manufactured by SHENXI, and your best choice for efficient construction logistics. Since the launch in 2011, close to 800 SC Series construction hoists have been delivered. The modular system offers flexibility, efficiency, safety, productivity, low energy consumption and low cost of ownership, making it the ultimate choice for both construction and rental companies.



SC Series Construction Hoists Sketch

1 MAST

4 MAST-TIE

7 SAFETY DEVICE

10 BASE FRAME

2 DERAILMENT PREVENTION DEVICE

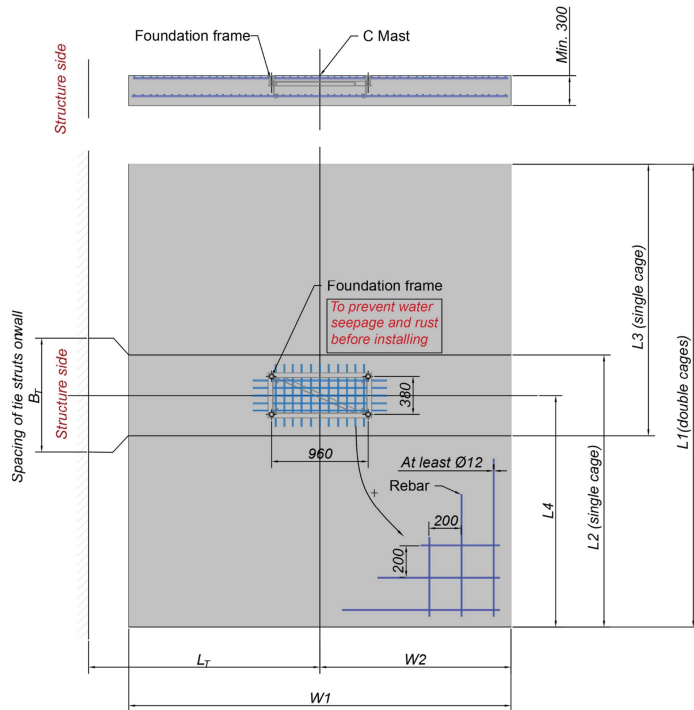
5 DRIVING SYSTEM

8 CABLE TROLLEY

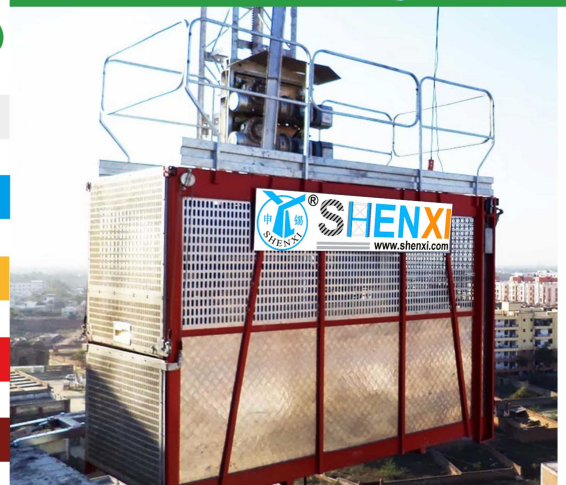
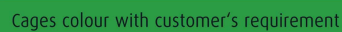
3 ELECTRIC LIFTING DEVICE

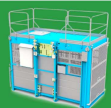
6 CAGE

9 ENCLOSURE



- | Mast - tie | Distance from foundation center to building wall L _t (mm) | Spacing of tie struts on wall B _t (mm) |
|------------|--|---|
| Type A | 2800~3200 | 1550 |
| Type B | 3000~3600 | 1750 |
| Type C | 2800~3200 | 2000 |

[illegible]



Technical Data (Frequency Control type)



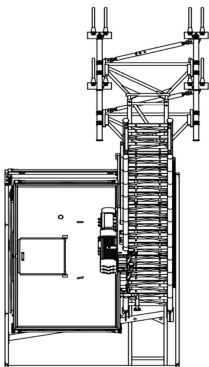
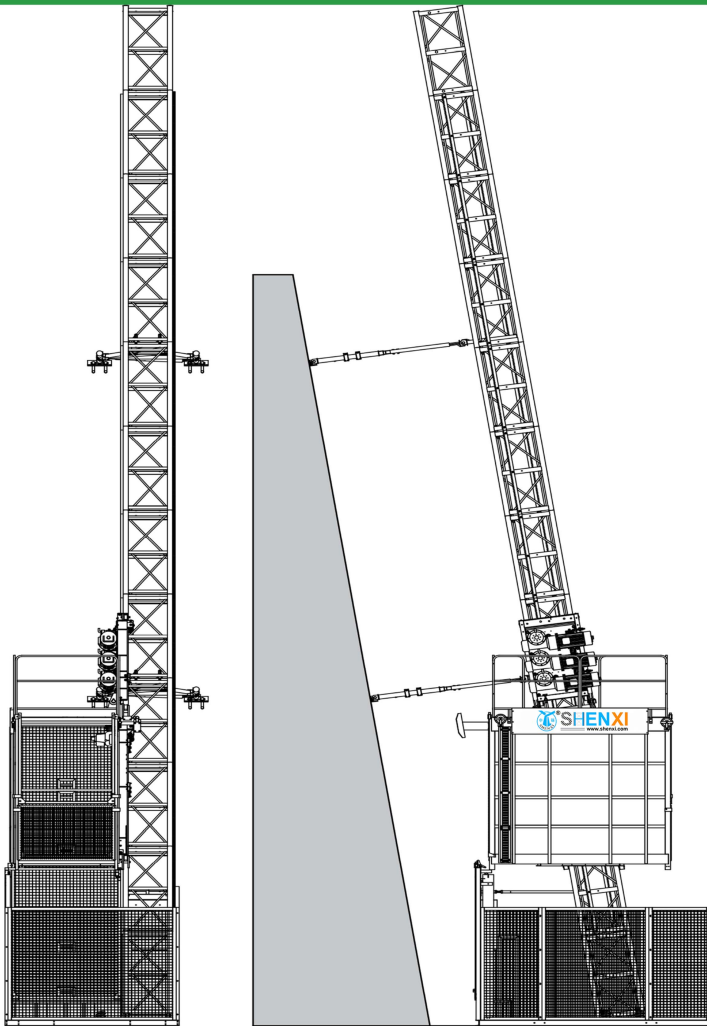
Main Advantage:

- Compact design and comfortable operation environment
- Single and dual cage configurations, interchangeable
- Design without counterweight
- Multiple choices of doors
- Simple and easy operation system
- PLC control as an option
- Durable material: high quality steel for increased strength and weight reduction, hot dip galvanized mast section and tie-in
- Wide range of tie-in
- Wide range of optional equipment and functions



Designation Series	SC150	SC150/150	SC200	SC200/200	SC270	SC270/270	SC320	SC320/320	Note
Rate load (kg)	1500/18person	2x1500/18person	2000/24person	2x2000/24person	2700/28person	2x2700/28person	3200/28person	2x3200/ 28person	
Erecting payload (kg)	900	2x900	1000	2x1000	1200	2x1200	1300	2x1300	
Rated speed (m/min)	0~40	0~40	0~55	0~55	0~63	0~63	0~96	0~96	
Reduction ratio	1:16	1:16	1:14	1:14	1:10	1:10	1:8	1:8	
Max.lifting height(m)	150	150	250	250	450	450	450	450	
Cage size(L x W x H)(m)	3.0×1.3×2.5	3.0×1.3×2.5	3.2×1.4×2.5	3.2×1.4×2.5	3.2×1.5×2.5	3.2×1.5×2.5	3.2×1.5×2.5	3.2×1.5×2.5	
Power supply (V)	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	
Motor power (kW)	2×12	2×2×12	3×13	2×3×13	3×18.5	2×3×18.5	3×22	2×3×22	
Rated current (A)	2×28	2×2×28	3×34	2×3×34	3×38.5	3×2×38.5	3×43	2×3×43	JC=25%
Power capacity (KVA)	42	2×42	49	2×49	55	2×55	63	2×63	
Mast section	Wall thickness of corner bar(chord member)(mm)			Weight of mast section(kg)			Dimension of mast section(m)		
	T=4.5			142			0.65×0.65×1.508		
	T=6.0			160					
	T=8.0			180					
	T=10.0			195					
Cage weight (incl. driving system)(kg)	1750	2×1750	1820	2×1820	2250	2×2250	2350	2×2350	
Safety device type	SAJ40 - 1.2	SAJ40 - 1.2	SAJ40 - 1.2	SAJ40 - 1.2	SAJ60 - 2.0	SAJ60 - 2.0	SAJ70 - 2.0	SAJ70 - 2.0	





Designation Series	SCQ150	SCQ150/150	SCQ200	SCQ200/200
Rate load (kg)	1500/18person	2×1500/18person	2000/24person	2×2000/24person
Erecting payload (kg)	900	2×900	1000	2×1000
Rated speed (m/min)	0~40	0~40	0~55	0~55
Reduction ratio	1:16	1:16	1:14	1:14
Max.lifting height(m)	150	150	250	250
Cage size(L x W x H)(m)	3.0×1.3×2.5	3.0×1.3×2.5	3.2×1.4×2.5	3.2×1.4×2.5
Power supply (V)	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz
Motor power (kW)	2×12	2×2×12	3×13	2×3×13
Rated current (A)	2×28	2×2×28	3×34	2×3×34
Power capacity (KVA)	42	2×42	49	2×49
Mast section	Wall thickness of corner bar(chord member)(mm)			Weight of mast section(kg)
	T=4.5			142
	T=6.0			160
	T=8.0			180
Cage weight (incl. driving system)(kg)	T=10.0			195
	1750	2×1750	1820	2×1820
Safety device type	SAJ40 - 1.2	SAJ40 - 1.2	SAJ40 - 1.2	SAJ40 - 1.2



SHENXI MACHINERY CO.,LTD., established in 1988, is one of the leading suspended platform manufacturer in China. We are dedicated to designing and manufacturing a wide range of suspended access equipment, such as suspended platform, suspended scaffold, working platform, construction hoists, material hoists, mast climbing working platform, aerial work platform, electric hoist, safety lock, steel suspended scaffold, aluminum alloy suspended platform, cradle, etc. Our products are used for temporary flexible access purposes, such as maintenance and construction work concerning inaccessible buildings or objects.

www.shenxi.com

SHENXI MACHINERY is ISO 9001-2000 approved

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