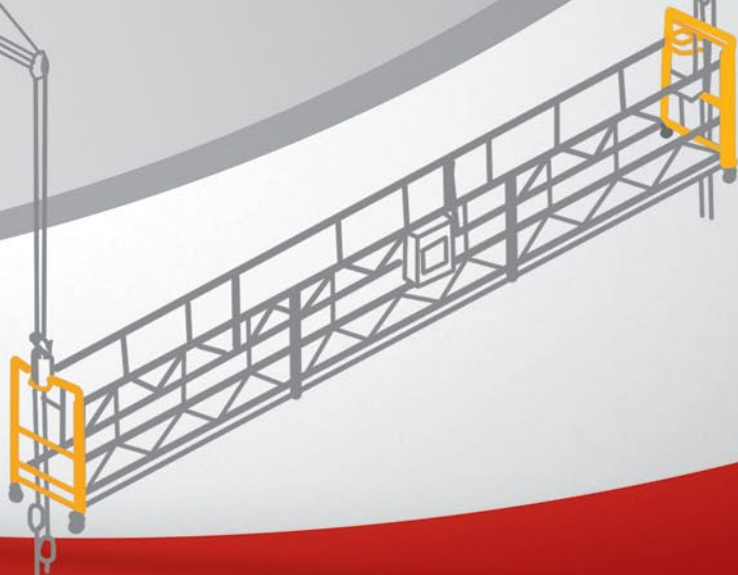
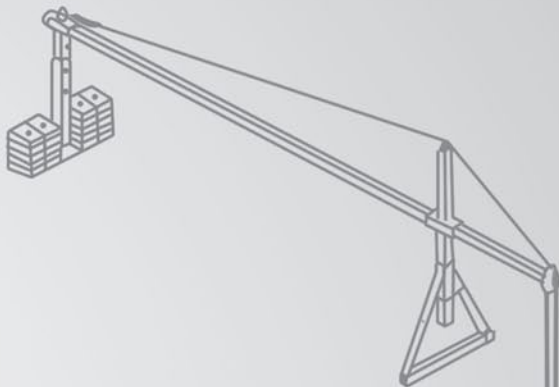
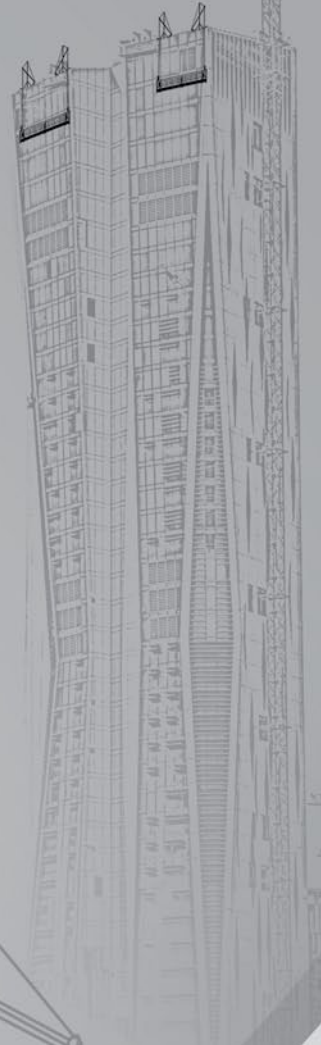




ADVANCED
BUILDING CARE



Classic





Classic is a line of hoist products developed by **abc** and manufactured in China its very cost effective compared to other brands.

The high quality and the operational efficiency of Classic cradles as well as the maintenance, service, programs supported by **abc** experienced maintenance, spare parts



1. Major Technical Parameters:

TECHNICAL DATA

TYPE	SL 800
RATED LOAD CAPACITY (Kg)	800
LIFTING SPEED (m/min.)	8
PLATFORM DIMENSION (LxWxH mm)	2000x690x1080
HOIST MOTOR	
TYPE kW	1.8
UNIT WEIGHT (Kg)	54
VOLTAGE	380-220 / 3 PHASE
FREQUENCY (Hz)	60
SPEED (r/min)	1420
BRAKING TORQUE (Nm)	15
SAFETY BRAKE	
TYPE	ANTI-TILT
PERMISSIBLE IMPACT (kN)	20
STEEL WIRE ROPE	
DIAMETER (mm)	8.3
CONSTRUCTION (STRANDS)	4X26
POWER CABLE	
TYPE (CORE)	RUBBER CABLE 5 CORE
PLATFORM	
SIZES AVAILABLE (meter)	1, 2, & 3
MATERIALS	ALUMINUM ALLOY (EXTRUSION)
FINISHING	ANODIZED
END-STIRRUPS	
ASSEMBLY	BOLTS TYPE
MATERIAL	MS STEEL
FINISHING	PAINTED & GALVANIZED

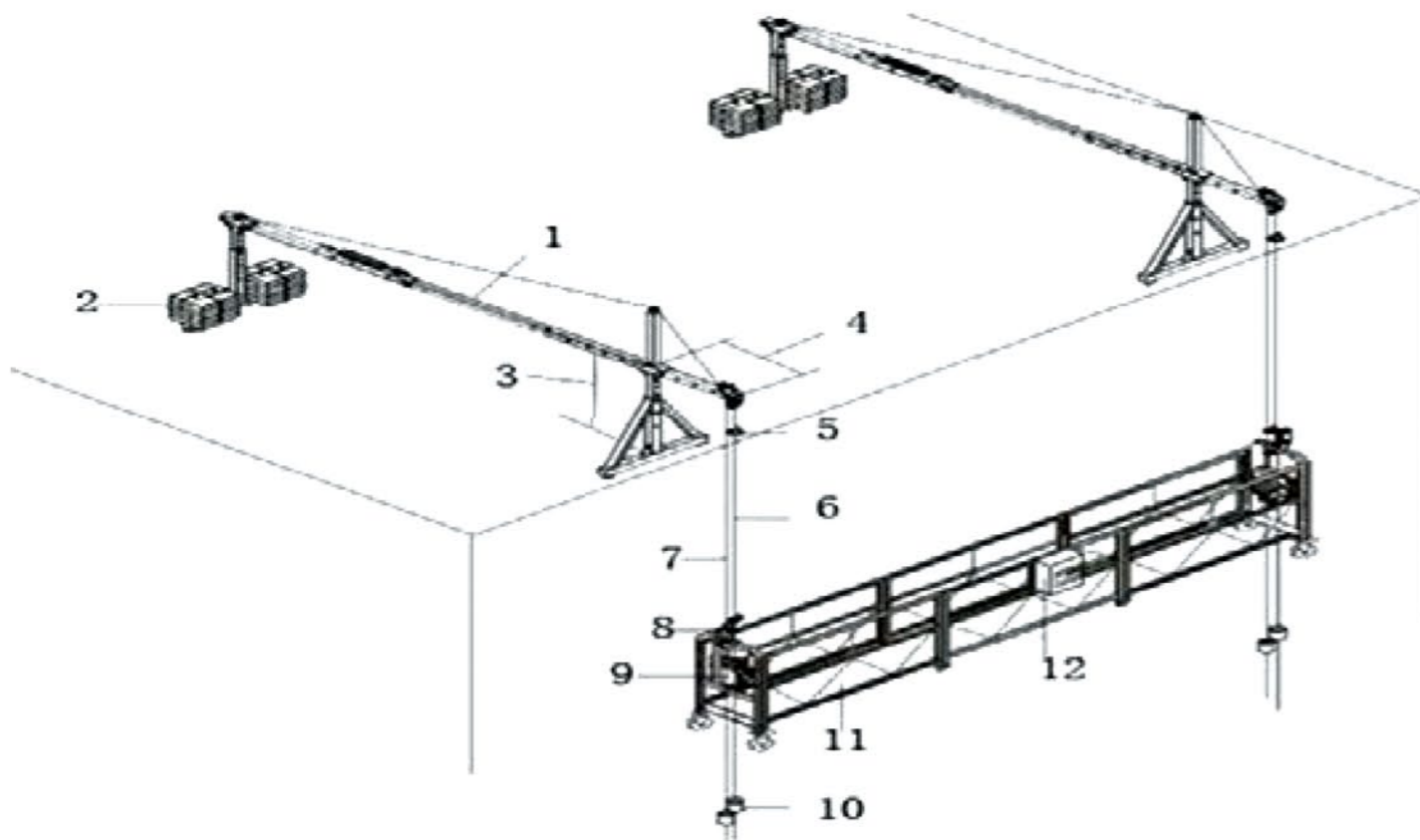
TYPE	CLASSIC SL 800			
Rated load	Kg	800		
Lifting speed	m/min	8		
Dimension of platform (length×width×height)	Mm	(2000)×690×1080		
Suspension Mechanism	protrusion of front Beam	Mm	1300	
	Height of Front Beam	Mm	1300~2000 (adjustable)	
Hoist	Type		SL8.0	
	Quantity	Piece	2	
	Motor	Type		SL
		Power	Kw	1.8
		Voltage	V	(380 - 220) 60 HZ
		Rotation Speed	r/min	1400
Brake Torque	N-m	15		
Safety Lock	Type		SL20	
	Quantity	Piece	2	
	Allowable Impulsive Force	Kn	20	
Weight	Suspension Platform	Kg	386	
	Hoist	Kg	54×2	
	Safety Lock	Kg	5.5×2	
	Electric Control Box	Kg	15	
	The Whole Machine	Kg	906	
	Counterweight	Kg	900 (25×36pcs)	
Wire Rope	Type		4×25Fi+PP-Φ8.3 Break Strength	
Power Cable	Type		3×2.5+2×1.5YC-5	

PLATFORMS COMBINATIONS, WEIGHTS & LOAD CHART

Nominal Length	Actual Length	Composition	Weight (Kg)		Rated Load (Kg)	Person
			CLASSIC 800	CLASSIC 800	CLASSIC 800	CLASSIC 800
1M	1.12M	1	310	120	120	1
2M	2.12M	2	330	240	240	2
3M	3.12M	3	350	360	360	3
4M	4.17M	2 2	390	480	480	4
		3 1	390	480	480	4
5M	5.17M	2 3	410	500	500	4
		2 1 2	405	500	500	4
6M	6.17M	3 3	430	580	580	5
		2 2 2	465	580	580	5
		3 2 1	450	580	580	5
8M	8.22M	3 3 2	495	545	545	4
		2 2 2 2	510	545	545	4

2. Introduction to structure of suspended access equipment

The whole suspended access equipment is consisted of the suspension mechanism, suspension platform, hoist, safety lock, working wire rope, safety wire rope, electric control box and electric control system and etc.



- | | |
|----------------------------------|--------------------------|
| 1. Suspension mechanism | 8. Safety lock |
| 2. Counter weight | 9. Hoist |
| 3. Height of suspended mechanism | 10. Heavy hammer |
| 4. Front Beam Overhang | 11. Suspension Platform |
| 5. Upper limit stopper | 12. Electric Control Box |
| 6. Working wire rope | |
| 7. Safety wire rope | |

2.1 Suspension platform

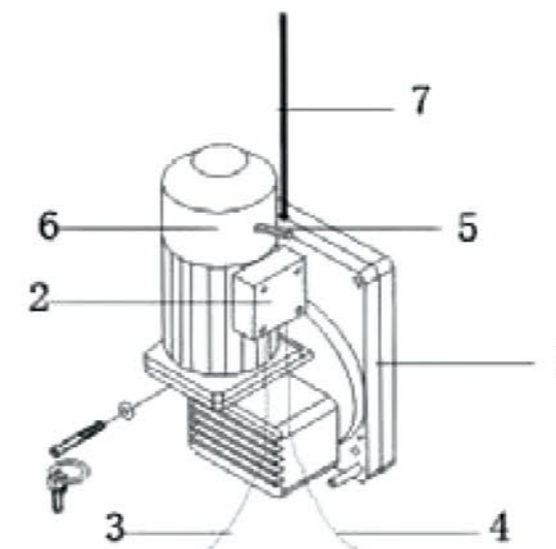
The suspension platform is a suspended closed frame device with the safety guards around, designed to carry the operating staff, tools and materials for work at heights, the suspension platform is of aluminum structure.

2.2 Suspension mechanism

The suspension mechanism is a device designed on the top of building to suspend the suspension platform by steel wire ropes. The suspension mechanism is consisted of two suspension brackets with same structure, assembled in pairs.

2.3 Hoists

The suspended access equipment is provided the hoist with Power of 1.8KW type(SL800) , which are installed in the erection frames of hoists at both ends of the suspension platform. The hoist is the power facility to drive the suspension platform to move up and down.

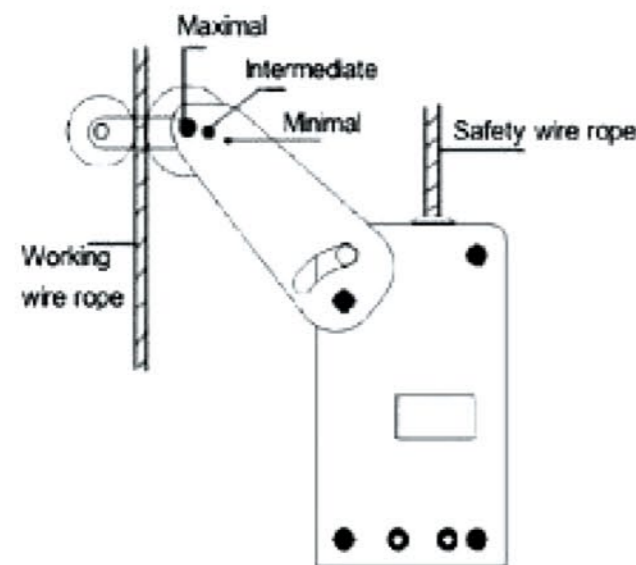


1. Hoist body
2. Electrical box
3. Cable of motor
4. Control cable
5. Handle for falling
6. Motor
7. Working wire rope

2.4 Safety lock

The suspended access equipment is provided two safety locks, installed re-spectively in the bracket at the upper of the erection frame for the hoists at both ends of the suspension platform.

Safety lock is the skew-free safety lock; it is actually the device to prevent the suspension platform from falling down by locking the safety wire rope automatically when the suspension platform tilts caused by the broken Working wire rope or fall of one end of the suspension platform.



2.5 Working wire rope and safety wire rope

The working wire rope will be used to suspend and lift the suspension platform after entering and encircling the hoists; it is actually the carrier of the suspension platform for movement. The safety wire rope will only play a role to prevent the suspension platform from falling or tilting by being clamped by the safety lock when the working wire rope breaks or the suspended access equipment becomes tilted, which will then guarantee the operating staff in safe.

2.6 Power cable

The power cable is connected between the power supply and electrical box; it is actually the conductor to transmit the electric energy to the suspension platform. The power cable is the 3x2.52+x 1.5 cables with 5-core and rubber sheath, where 3 cables with 2.5mm² core wires are used to connect with 380V 3-phase power supply, 2 cables with 1.5mm² core wires are used to connect with the zero line and earthing cable

3. Electric control system

The electric control system of the suspended access equipment is controlled intently by the electrical box, featuring in convenient operation, safety and reliability.

The hoist of the suspension platform is controlled by the extention cords control switch and control buttons on the electrical box, which are easy to access for operate at any directions.

The electric control system is designed the electrical leakage protection device, emergency stop brake, limit brake, warning ring, limit load control and other various automatic protection device. It is safe and reliable.

vacuum *glass* lifter

Battery powered vacuum lifters for lifting glass sheets



Vacuum pads	Lifting capacity max	Operating system	Load movement	Load movement
4 pads Ø 310 mm	400 kg	Battery powered	Manual tilt 90° Manual rotation 360°	Electric tilt Electric rotation
6 pads Ø 310 mm	600 kg	Battery powered	Manual tilt 90° Manual rotation 360°	Electric tilt Electric rotation
6 pads Ø 310 mm	800 kg	Battery powered	Manual tilt 90° Manual rotation 360°	Electric tilt Electric rotation
6 pads Ø 390 mm	1000 kg	Battery powered	Manual tilt 90° Manual rotation 360°	Electric tilt Electric rotation
6 pads Ø 390 mm	1200 kg	Battery powered	Manual tilt 90° Manual rotation 360°	Electric tilt Electric rotation

Classic Motor



Control Box (Schneider)



Safety Lock



Electrical Hoist



Motorized Trolley



Manual Trolley



Spare Parts



Spare Parts



Adjustable Corner



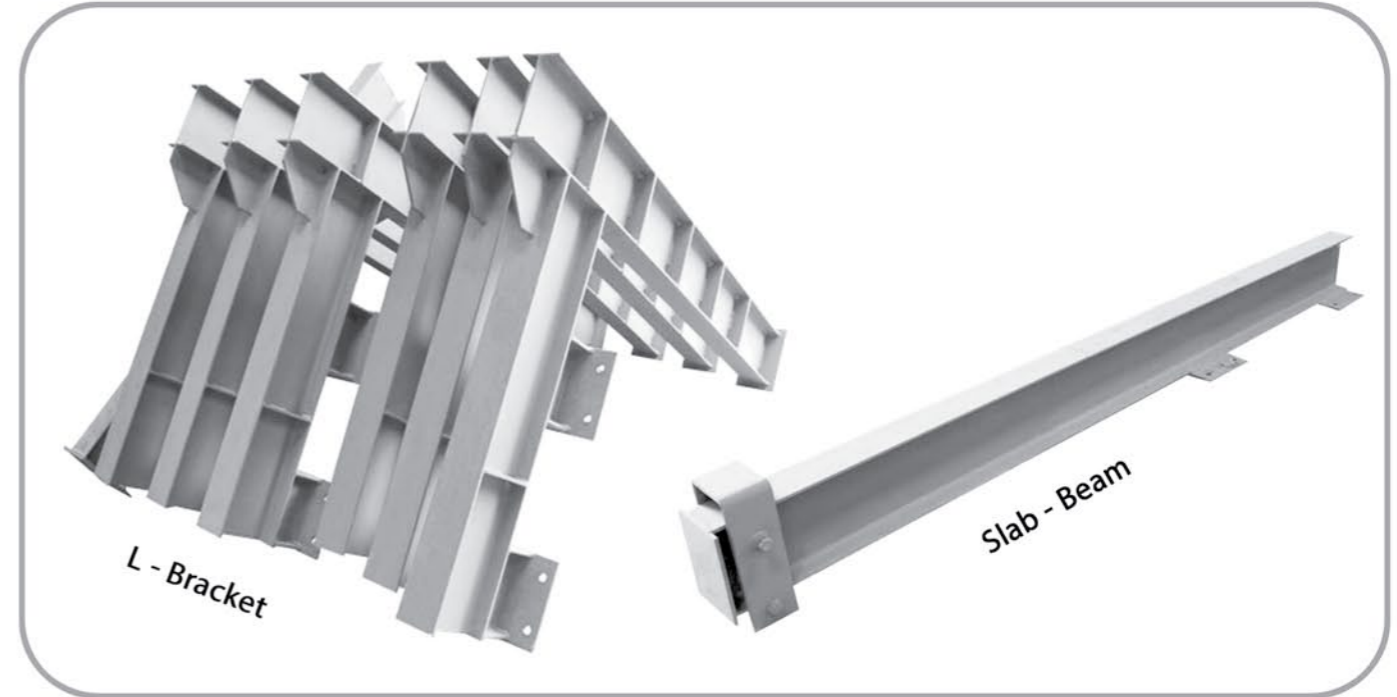
Corner 90°



Special Platform for Mine



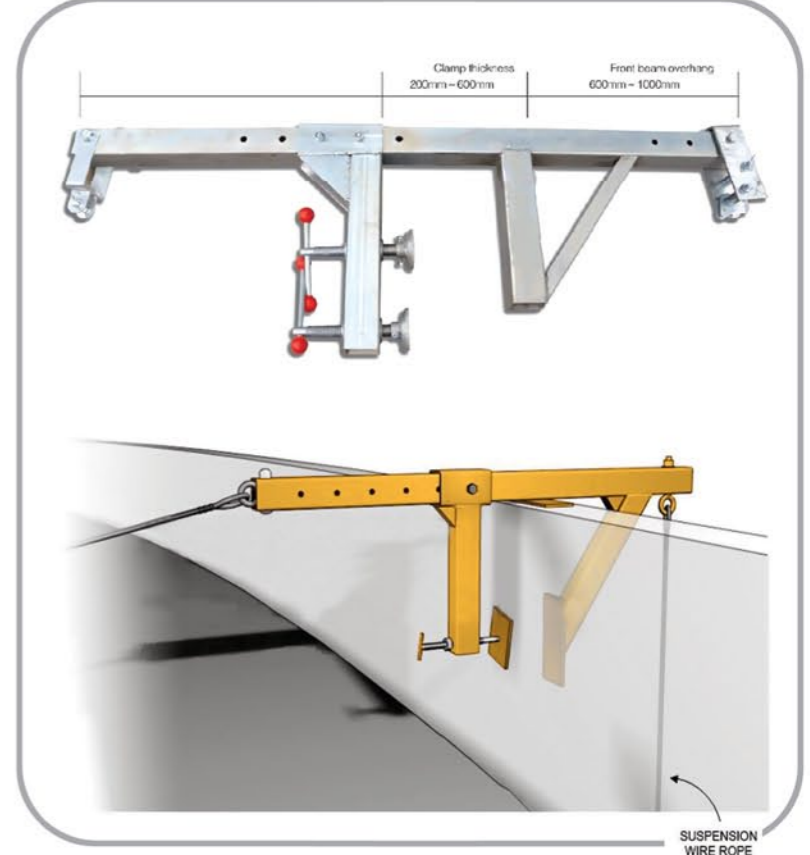
Platform (1m)



Special Bracket



Parapet Clamp







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