

**TOWARDS**

**BETTER LIFE**

**PASSENGER  
ELEVATOR**

**TOWARDS**



**TOWARDS**

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# TOWARDS

When you first heard about "TOWARDS", it might be only one word. However it will become a new attitude to life from now on. Basing on Italian technology , international advanced management , manufacturing and service platform , TOWARDS set up a full chain , from product R&D , manufacture , sales , installation , maintenance and modernization for elevator & escalator .

"Towards Elevator, Towards Better Life" is our mission . This will be realized not only by the workers who are manufacturing the elevators or engineers who are designing it, but also the passengers who are taking a ride of it.

Technology-oriented objectives is what we are insisting on our elevators and escalators. Safety, protection, comfort are what we are considering. Parts testing before usgae is what we are doing.

Towards Elevator is becoming one of the leading elevator & escalator suppliers all around the world. Welcome to join us!

Towards Elevator, Towards Better Life

## WHY CHOOSE US

10Y

**Focusing on elevator market for years**

Focusing on elevator market for years



**Abundant interior cabin designs**

Abundant interior cabin designs to reach your unique demands



**Full experience in customized elevator design and manufacture**

Full experience in customized elevator design and manufacture to provide you feasible solutions



**Professional sales team**

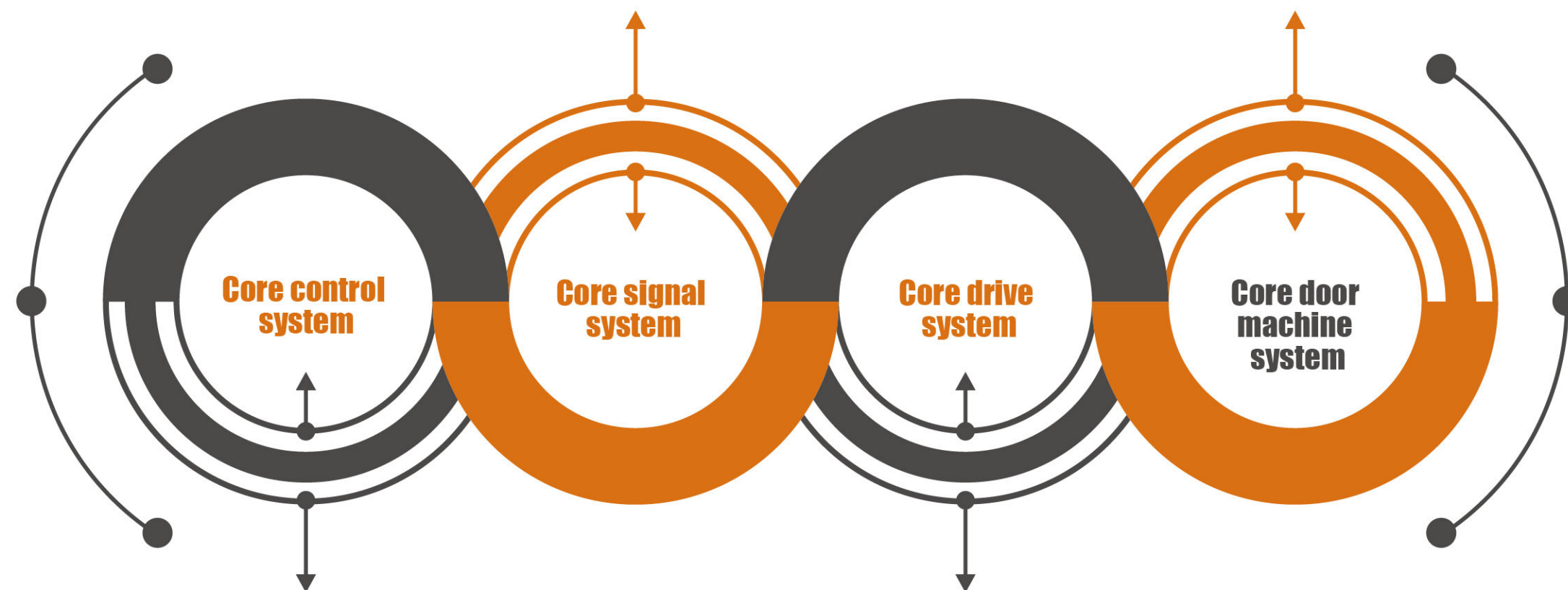
Professional sales team can give you 24 hours time to time reply, from the fist inquiry till the last maintenance.



### High tech induction

The more secure and comfortable double serial communication.  
Car signal applies advanced communication tech with strong reliability and high real-time properties.  
Outer calling signal applies the advanced Mod bus communication tech with strong anti-interference and long communication distance.

Effective and noise-reduction, stable and reliable.  
Permanent magnet synchronous and gear less traction machine. Fine and exquisite structure can reduce noise of overall frame.  
It increases as high as 20%–30% of drive efficiency.  
It reduces 20%–40% of energy-loss.  
It is free from grease renewal, it gets rid of oil pollution.  
Advantageous performance, long service life.



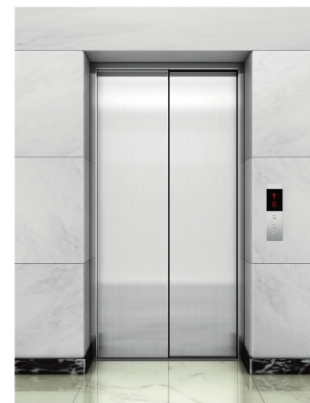
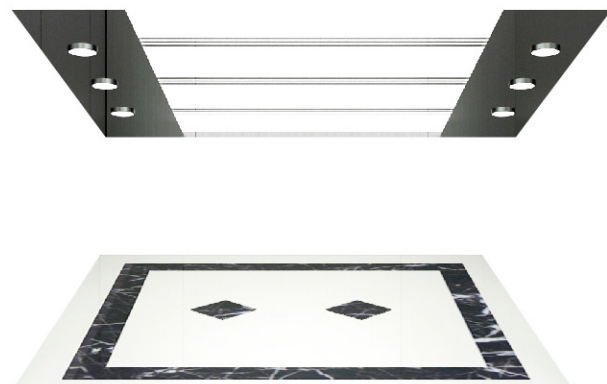
Highly integrated, effective and intellectual.  
Multiple CPU redundancy control, master-slave inter-supplementation.  
Direct parking tech which is principle by distance control, production of N curves. Below 8 group supervision calculation based upon fuzzy control theory.

More peaceful mute performance, oil-less running frees you from any worries.  
Permanent magnet synchronous and gear less traction machine. Fine and exquisite structure can reduce noise of overall frame. It increases as high as 20%–30% of drive efficiency.  
It reduces 20%–40% of energy-loss.  
It is free from grease renewal, it gets rid of oil pollution.  
Advantageous performance, long service life.





**TP-001** Ceiling : Hairline stainless steel , LED down light  
Car walls : Hairline stainless steel  
Floor : Pvc



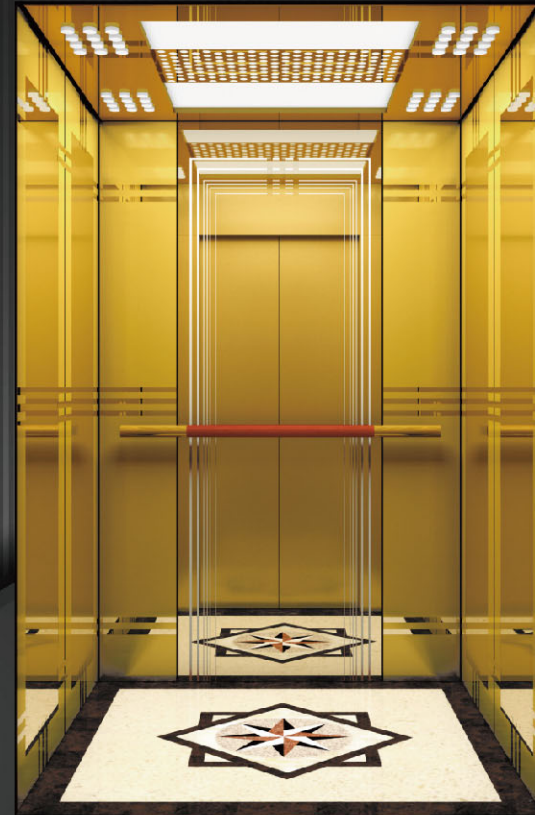
**TP-002** Ceiling : Mirror stainless steel , acrylic LED light  
Car wall : Black titanium mirror stainless steel  
Handrail : Hairline stainless steel  
Floor : Marble

**TP-003** Ceiling : Mirror stainless steel , acrylic LED light  
Car wall : Mirror stainless steel , hairline stainless steel  
Handrail : Hairline stainless steel  
Floor : Marble



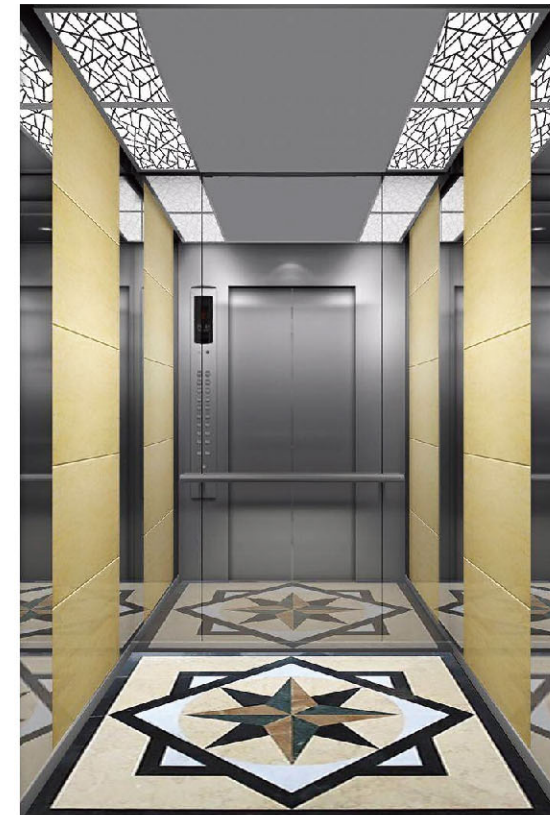
**TP-004** ▷

Ceiling : Titanium gold mirror stainless steel frame ,  
acrylic lighting decoration , LED  
Car wall : Titanium gold mirror etching stainless steel  
Floor : Marble



◁ **TP-006**

Ceiling : Hairline stainless steel , acrylic light decoration , LED  
Car wall : Mirror stainless steel , hairline stainless steel , marble  
Handrail : Hairline stainless tube  
Floor : Marble



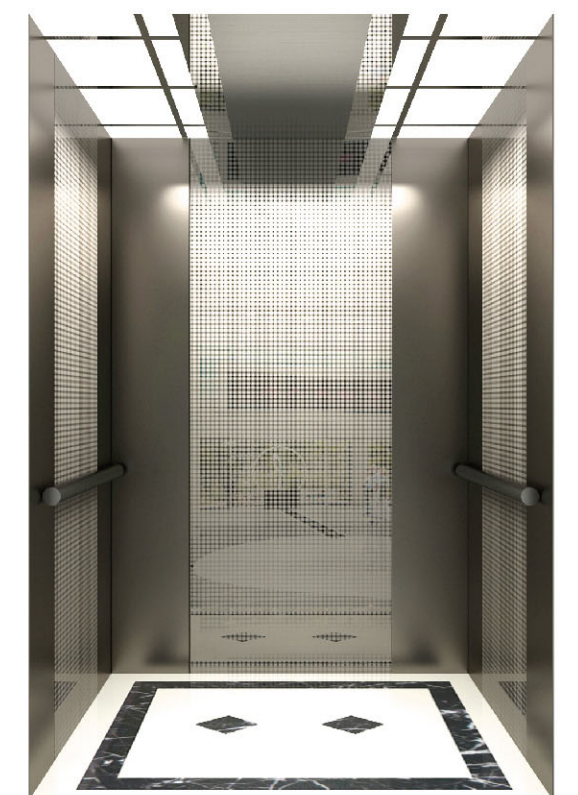
◁ **TP-005**

Ceiling : Mirror stainless steel , spotlight , acrylic soft lighting  
of light pole  
Car wall : Central leather decoration hard-roll , two-side black  
titanium mirror  
Handrail : Golden mirror stainless steel tube  
Floor : Marble



**TP-007** ▷

Ceiling : Stainless steel frame , acrylic lighting-emitting panel  
Car wall : Hairline stainless steel , mirror etched stainless steel  
Handrail : Two hairline stainless steel tubes  
Floor : Marble



Car operation panel



TPCOP-001



TPCOP-002



TPCOP-003



TPCOP-004



TPCOP-005



TPCOP-006

Push button



TPB-001



TPB-002



TPB-003



TPB-004



TPB-005



TPB-006



TPB-007



TPB-008



TPB-009



TPB-010

Landing operation panel



TPLOP-001



TPLOP-002



TPLOP-003



TPLOP-004



TPLOP-005



TFS-001



TFS-002



TPI-001



TPI-002



TPI-003



TPI-004



TPI-005



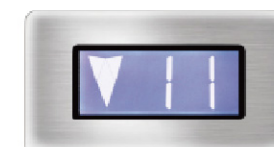
TPI-006



TPI-007



TPI-008



TPI-009



### Ceiling series



### Handrail series



### Landing door series

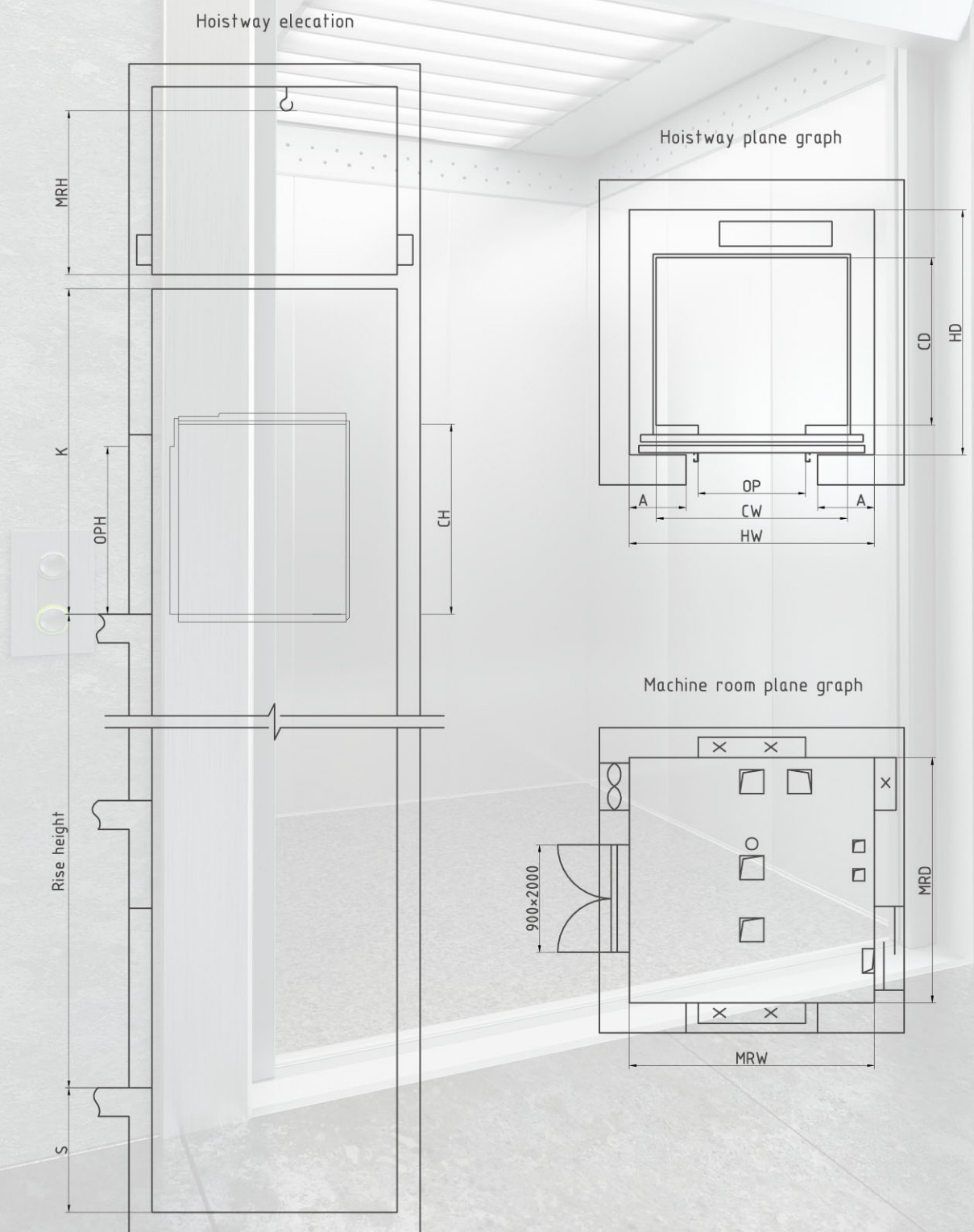


### Floor





**PASSENGER ELEVATOR WITH MACHINE ROOM**



Specifications of passenger elevator with machine room (residential)

Note: Standard first floor height 4m, other floors 3m

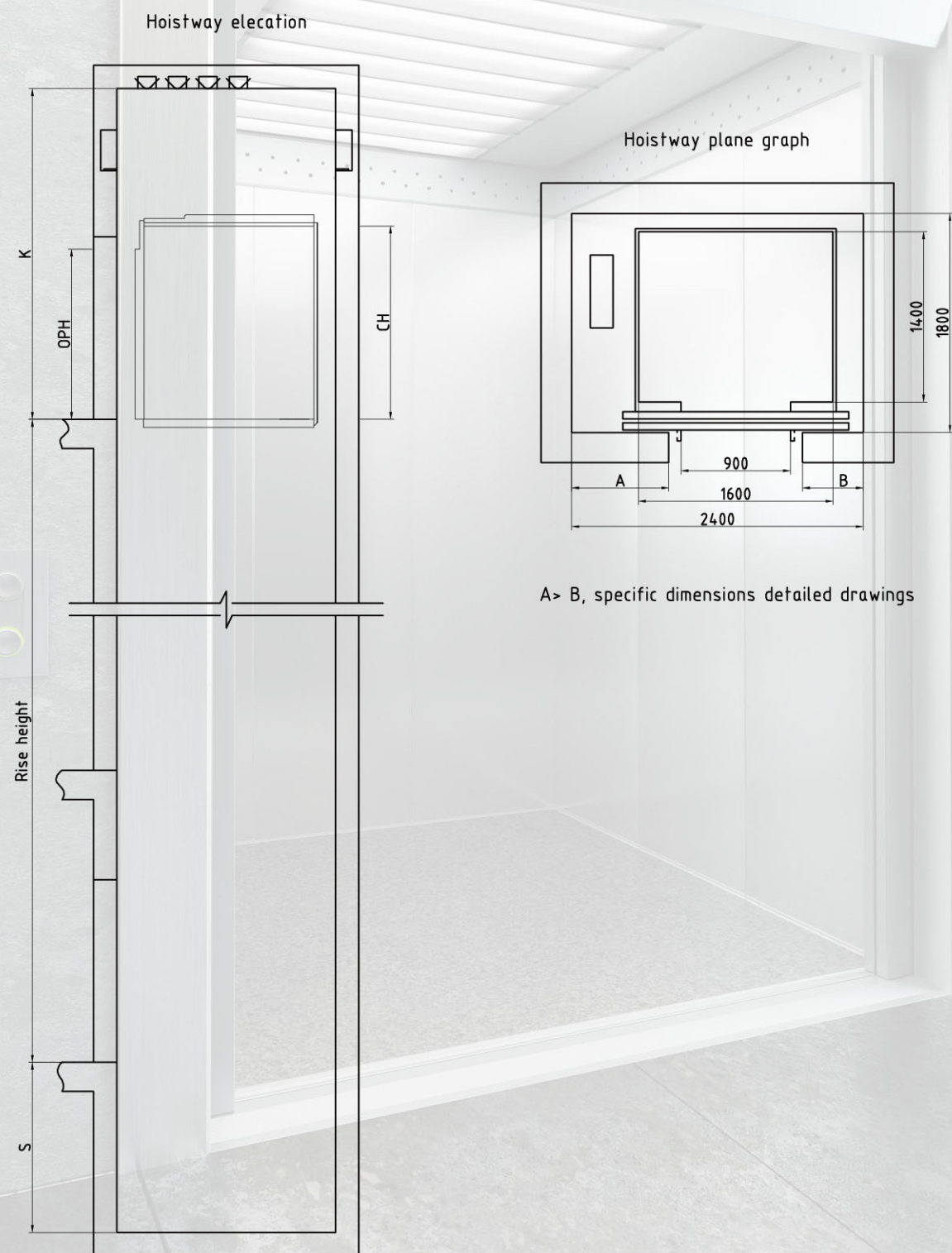
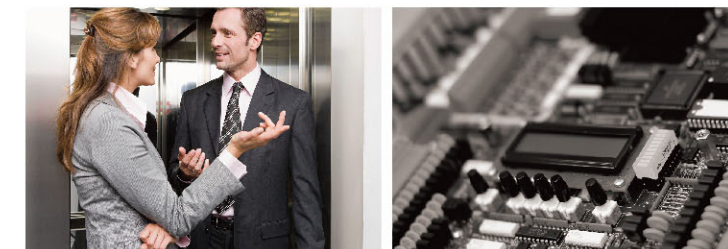
LOAD KG	SPEED M/S	CAR SIZE MM			OPENING SIZE MM		HOISTWAY SIZE MM				HIGHEST FLOORS	HIGHEST RISE M	MRW MM	MRD MM	MRH MM
		CW	CD	CH	OP	OPH	HW	HD	K	S					
450	1	1200	1100	2500	700	2100	1650	1750	4250	1400	15	50	1650	1750	2500
	1.5								4350	1450	24	80			
630	1	1400	1100	2500	800	2100	1850	1750	4250	1400	15	50	1850	1750	2500
	1.5								4350	1450	24	80			
	1.75								4400	1500	32	90			
800	1	1400	1400	2500	800	2100	1850	2050	4300	1400	15	50	1850	2050	2500
	1.5								4400	1450	24	80			
	1.75								4450	1500	32	95			
	2						2000	2050	4800	1750	35	110	2000	2050	
	2.5								5000	1950	40	130			
1000	1	1600	1400	2500	900	2100	2050	2050	4300	1400	15	50	2050	2050	2500
	1.5								4400	1450	24	80			
	1.75								4450	1500	32	95			
	2						2200	2100	4800	1750	35	110	2200	2100	
	2.5								5000	1950	40	130			
1150	1	1800	1500	2500	1100	2100	2400	2200	4550	1550	15	50	2500	2150	2500
	1.5								4700	1600	24	80			
	1.75								4750	1650	32	95			
	2								4800	1750	35	110			
	2.5								5000	1950	40	130			
1350	1	2000	1500	2500	1100	2100	2500	2200	4550	1550	15	50	2500	2200	2500
	1.5								4700	1600	24	80			
	1.75								4750	1650	32	95			
	2								4800	1750	35	110			
	2.5								5000	1950	40	130			
1600	1	2000	1700	2500	1100	2100	2500	2400	4550	1550	15	50	2500	2400	2500
	1.5								4700	1600	24	80			
	1.75								4750	1650	32	95			
	2								4800	1750	35	110			
	2.5								5000	1950	40	130			

Note : The drawings and specifications are only for your reference , final order please confirm with TOWARDS





**PASSENGER ELEVATOR WITHOUT MACHINE ROOM**



Specifications of passenger elevator without machine room (residential)

Note:Standard first floor height 4m,other floors 3m

LOAD KG	SPEED M/S	CAR SIZE MM			OPENING SIZE MM		HOISTWAY SIZE MM				HIGHEST FLOORS	HIGHEST RISE M
		CW	CD	CH	OP	OPH	HW	HD	K	S		
450	1	1100	1200	2380	700	2100	1750	1600	4150	1400	15	50
	4300								1500	24	80	
630	1	1100	1400	2380	700	2100	1750	1800	4150	1400	15	50
	4300								1500	24	80	
	4400								1550	24	80	
800	1	1400	1400	2380	800	2100	2050	1800	4150	1400	15	50
	4300								1500	24	80	
	4400								1550	24	80	
1000	1	1600	1400	2380	900	2100	2250	1800	4150	1400	15	50
	4300								1500	24	80	
	4400								1550	24	80	
1150	1	1600	1600	2500	900	2100	2400	2000	4250	1550	15	50
	4400								1700	24	80	
	4500								1700	32	95	
1350	1	2000	1500	2500	1100	2100	3000	2100	4550	1700	15	50
	4650								1750	24	80	
	4700								1800	32	95	
1600	1	2000	1700	2500	1100	2100	3000	2200	4550	1700	15	50
	4650								1750	24	80	
	4700								1800	32	95	

Note:The drawings and specifications are only for your reference , final order please confirm with TOWARDS



## FUNCTION LIST

SUZHOU TOWARDS ELEVATOR CO.,LTD

### Standard Function

- **Travel function :**
  - VVVF drive
  - VVVF door operator
  - Automatic pass without stop
  - Independent running
  - Adjust door opening time
  - Reopen with hall call
  - Express door closing
  - Car stops and door open
  - Car arrival gong
  - Anti- nuisance
  - Automatic return to home
  - Command register cancel

- **Safety function :**

- Light curtain protection
- Designated stop
- Overload stop
- Overspeed protection
- Strat protection control
- Inspection operation
- Fault self-diagnosis record
- Sill impurity removal
- Up/down over-run and final limit protection
- Down over-speed protection
- Upward over-speed protection device

- **Man-machine interface :**

- Micro-touch button for car call and hall call
- Floor and direction indicator
- Floor and direction indicator in hall

- **Emergency function :**

- Emergency car lighting
- Inching running
- Five way intercom
- Bell
- Fire emergency return

- **Energy-saving function :**

- Car ventilation , light automatic shut off

### Optional function

- **Emergency function :**

- Leveling when power failure

- **Travel function :**

- Direct parking
- Group control function
- Duplex control
- Energy feedback device
- Lifting stop function
- Door open time extending

- **Man-machine interface :**

- Voice announcer
- Car assistant operation box
- Intelligent call service
- Operation box for the handicapped
- IC card control function

- **Monitor function :**

- Remote monitor
- Remote control
- Camera function in the car