



官方微信

全国免费服务热线
National Free Service Hotline

400-1000-668

结构

框架采用优质钢板冷轧一次成型，强度大，精度高。
采用整体框架结构，模块化安装，体积小，结构紧凑，大大节省建筑空间。

In structure

The frame adopts high-quality steel plate for cold rolling with large strength and high level of precision.
Adopt overall frame structure, modularized installation, small size, compact structure, saving greatly construction space.

细节

采用304发纹不锈钢板材，耐油烟、耐潮湿、耐腐蚀。
外呼系统防水、防油，专为杂物电梯特殊使用环境设计。

In detail

304 Hairline stainless steel, lampblack, moist, corrosion resistance.
Waterproof, oil-proof external calling system designed exclusively for special environment in dumbwaiter elevator.

设计

一体式底座及圈梁结构的设计，确保电梯的稳定性和坚固性。
门系统及轿厢系统均为厂内专用工装生产线组装成型。
特制的门滑道和门滑块组装应用，使厅轿门开关平稳顺畅。

In design

Integrated pedestal and ring beam design ensuring stability and firmness of elevator.
The door system and lift car system are assembled and molded by exclusive production line in factory.
Customized door slide and sliding block assembling, making car door switch smooth and stable.

技术

采用微机控制系统，更稳定、更安全、更高效。
全数码功能及故障显示系统，方便用户使用和日常维护工作。
机械门锁所具有双重电气联锁检测保护功能（适用于窗台式杂物电梯）。
电磁门锁所具有电气和机械联锁多重检测保护功能（适用于落地式杂物电梯）。

In technology

Adopt control system, which is more stable, safe and highly efficient.
Digital function and malfunction display system for convenience of user use and daily maintenance.
The mechanical door lock possesses dual electric interlock detection protection functions (applicable for window-type dumbwaiter elevator).
Electromagnetic door lock possesses multiple detection and protection functions like electric and mechanical interlocking (application to console mode dumbwaiter elevator).

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2017年9月底

TWJ系列 杂物电梯

杂物电梯

Dumbwaiter elevator

小而美，生活从此与众不同

奥立达 TWJ 系列杂物电梯运用先进的安全技术，给予货物和使用者多重安全保障；紧凑型空间结构，创造小而美的精致体验。舒适生活，因奥立达电梯而变得与众不同。

Small and beautiful, making life outstanding

Aolida dumbwaiter elevator applies advanced safe technology to provide for goods and users with multiple safety guarantees; compact space structure creates exquisite experience, comfortable life becomes different for Aolida elevator.

Aolida

产品介绍
Product description



落地式 杂物电梯
Console mode dumbwaiter elevator

此类型杂物电梯容量大，载重量大，厅门口下端与地面水平，适用于推车和大型、较重物品的载运。

The dumbwaiter elevator is with large capacity, dead weight capacity, bottom of hall door is on ground level, applicable for carrying of cart and large scale goods with heavy load.

- 额定载重：100kg-300kg
- 额定速度：0.4m/s-1.0m/s
- 驱动方式：交流曳引驱动
- 控制方式：V=0.4m/s 单速；0.4m/s<V≤1.0m/s 变频
- 开门型式：手动垂直滑动门
- 开门方向：单向/贯通/90度

Rated load: 100kg - 300kg
Rated speed: 0.4 m/s - 1.0 m/s
Drive mode: ac drag drive
Control mode: V = 0.4 m/s single speed; 0.4m/s < V is less than or equal to 1.0 m/s frequency conversion
Door type: manual vertical sliding door
Door opening: one-way/through / 90 degrees

不锈钢板材
耐腐蚀性

厂内组装
方便安装

自带框架
无需井道

窗台式 杂物电梯
Window type dumbwaiter elevator

此类型杂物电梯厅门口开设在工作平台之上，与使用人员腰部水平，操作简便舒适，适宜运输食物及小型物品。

The type of dumbwaiter elevator sets door above working platform, which is horizontal with users, realizing comfortable and convenient operation, appropriate to transport food and small scaled goods.



- 额定载量：100kg-300kg
- 额定速度：0.4m/s-1.0m/s
- 驱动方式：交流曳引驱动
- 控制方式：V=0.4m/s 单速；0.4m/s<V≤1.0m/s 变频
- 开门型式：手动垂直滑动门
- 开门方向：单向/贯通/90度

Rated load: 100kg-300kg
Rated speed: 0.4 m/s - 1.0 m/s
Drag mode: ac drag drive
Control mode: V = 0.4 m/s single speed; 0.4m/s < V is less than or equal to 1.0 m/s frequency conversion
Door type: manual vertical sliding door
Door opening: one-way/through / 90 degrees

高强度板
曳引钢梁

微机控制
运行平稳

圈梁结构
性能稳定

开门方式
Open the door way



垂直中分门
Vertical with center opening door

开关门不占用井道外部空间，方便操作。
特殊的轿门加工工艺，在确保美观的前提下，有效防止开关门过程中刮碰轿厢内物品。
特殊的门导轨设计，即使门滑块过度磨损也能保证门系统的正常运行。

Opening and closing door does not occupy external space of well, realizing convenient operation.
Special lift car door processing technology; under the premise of ensuring beauty, prevent scraping and touching goods inside lift car in the process of door opening and closing.
Special guide shoe design, guarantee normal operation of door system even with excessive corrosion in sliding block.



90度贯通门
With 90 degree cut-through door

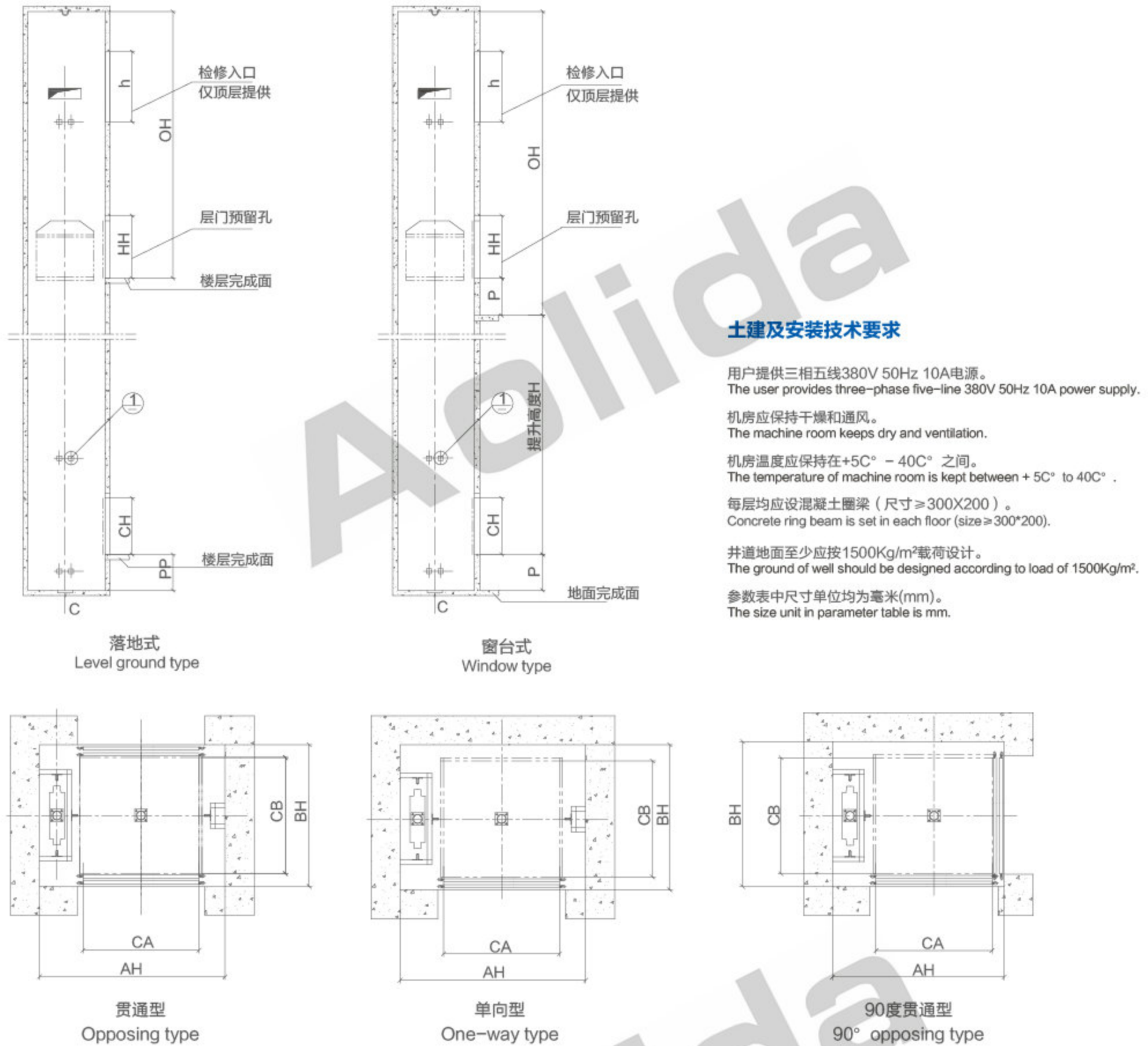
特殊的对角导轨设计，在不增加井道面积的情况下，保证了轿厢内部体积的最大化。
满足用户的特殊使用需求，可实现三面同时贯通开门。
可实现不同开门方式的贯通开门。

Special guide rail design with opposite angle; guarantee maximized internal size in lift car under the circumstance without increase in well size.
Satisfy special use of users, realize simultaneous cut-through door-opening in three sides.
Realize cut-through door opening in different door opening modes.

功能表
Functions table

基本功能	功能说明	Basic function
• 电锁功能 Floor display	基站呼梯盒配备电锁，用于启动和关闭电梯的控制电路 Digital display of floor arrived by elevator	
• 电气门联锁功能 Display of door opening and closing	各层门均有电气门联锁开关，当任一层门打开时，电梯停止运行 The landing door opens when elevator arrives at floor with digital display about opening status indicating that the elevator is in use in the floor	
• 接触器机械互锁功能 Arrival reminder with buzzing	主接触器具有互锁功能，防止电梯上下行主接触器的同时吸合，保证电梯可靠运行 Possess function of arrival reminder with buzzing	
• 检修功能 Electric lock function	电梯具有检修功能，方便电梯在维修状态时的电梯点动运行 The base station calling landing box is equipped with electric lock which is used to start and close control circuit of elevator	
• 故障保护功能 Calling landing response	当电梯有故障发生时，电梯自动停用，待电梯排除故障后，重新启动电源，才能使电梯正常使用 Press calling landing button, the digital indicator of called floor is on and the indicator is off after arrival in floor	
• 层门机械门锁功能 Display of operation direction	每层门均有机门锁，防止电梯不在本层时打开厅门，提高电梯安全性。如电梯在端站，可用本厂随梯配带的专用钥匙开启层门 The operation direction is displayed by lightening arrow of ascending and descending	
• 开关门指示功能 Overtime operation protection	当电梯层门打开时，其它层站呼梯，该层站蜂鸣器自动鸣响，提示本层关闭电梯层门 When elevator's operation time exceeds normal time by 10s, the major loop of electrical machine is broken and elevator stops operation to prevent burn-out of electrical machine	
• 厅外紧急停止功能 Adhesion protection of contactor	在每个电梯的操纵箱上配备紧急停止开关，在紧急情况下能够迅速停止电梯 When the contactor is power off without effect breaking in its contacts, the elevator can not operate again in order to ensure safety	
• 故障自诊断 Fault self-diagnosis	出现故障时，显示板将以特定符号显示电梯可能存在的故障 When there is malfunction arising, the display panel will indicate possibly existing malfunction of elevator with specific symbols	
• T型钢导轨系统功能 Function of emergent switch	相比普通电梯导轨系统能够承受横向和纵向冲击力,提高运行平稳度,延长电梯使用寿命 Under the circumstance of emergency, the control circuit is broken to stop operation of elevator Open-phase protection	
• 蜂鸣提示功能 Open-phase protection	电梯到站后蜂鸣器鸣叫，提醒操作人员，提高电梯使用效率 Prevent occurrence of open phase in three phase supply, and damage to electrical machine	
• 楼层数显功能 Upper and lower limit protection	轿厢位置由数字显示楼层 Prevent effectively collision to top or bottom in out of control, realizing safe and reliable elevator	
• 电梯运行方向显示功能 of electrical machine	运行方向由上下行发光箭头显示，发光箭头显示亮时，电梯在运行，反之电梯在停站状态 When the current is excessive large in electrical machine, the main loop breaks off	
• 检修运行 Inspection travel	当进入检修状态时，轿厢以检修速度点动运行 When entering into inspection status, the lift car operates with inspection speed	
• 故障显示自动诊断功能 Inspection	当电梯出现故障时，微机自动诊断故障点，相对应的故障点有微机上显示屏显示，方便快捷的找到故障源，节约维修时间 Be able to respond to on-off of emergent stop loop	
• 呼梯应答功能 All functional status display	按下呼梯按钮，被选楼层按钮指示灯亮，电梯到站后自动消除 Digital operation status and malfunction display function	
• 电机过载保护功能 Electric and mechanical interlocking	控制系统装有热过载保护功能，如果电机过载，造成电机发热，将自动切断主电源，防止电机过热烧毁 Detection and protection function of electric and mechanical interlocking	
• 同方向增殖功能 Two storied gate protection	当电梯同方向多个楼层使用电梯，电梯将顺延停靠，提高使用效率 Manual operated lift car door protection	
• 自平功能 Cut-through door protection	当电梯不在检修或急停状态时，因某种原因，轿厢未停靠在任何一层平台位置时，重新启动电梯后，系统将自动运行至平台位置 Install cut-through door when there is need for cut-through goods delivery	
• 上、下限位极限保护 Talkback function	该装置有效地防止电梯万一失控时冲顶或撞底现象，使电梯更安全 HF talkback system	
• 断相、错相保护 Speed limiter safe tongs functions	当三相进线缺相或错相时，保护曳引机马达或防止电梯反向运行 When there is space for people under well, install the device	
• 10S延时功能 Speed limiter safe tongs functions	当电梯因某种原因不能停止时，超过10S能使电梯自动停止，防止主机损坏 When there is space for people under well, install the device	
• 防粘连保护功能 Speed limiter safe tongs functions	防止因接触器等部件不能复位而使电梯自动停止 When there is space for people under well, install the device	
• 厅轿门止动装置功能 Speed limiter safe tongs functions	在电梯运行中，防止电梯厅轿门的非正常开启，保证电梯安全可靠的运行 When there is space for people under well, install the device	
• 双轿门系统功能（选配） Speed limiter safe tongs functions	能够自动锁紧并配备电气连锁，电梯运送物品时防止物品倒出、滑出轿厢，同时具有保温功能。（特定场合选配） When there is space for people under well, install the device	

土建示意图
Construction parameters



井道参数表 Shaft parameter table

额定载量 Rated capacity (kg)	额定速度 Rated speed (m/s)	种类 Category	轿厢净尺寸 Car size			井道净尺寸 Net hoistway size			门口预留尺寸 Preset size in the door opening			
			宽 Width (CA)	深 Depth (CB)	高 Height (CH)	宽 Width (AH)	深 Depth (BH)	底坑深 Depth (PP)	顶层高 Height (OH)	宽 Width (M)	高 Height (HH)	台阶高度 Height (P)
100	0.4	窗台式	700	720	800	1250	900	/	≥3200	850	1000	≥750
200	0.4	窗台式	800	820	900	1350	1000	/	≥3200	950	1100	≥750
200	0.4	落地式	800	820	900	1350	1000	1000	≥3200	950	1100	/
250	0.4	窗台式	1000	1000	1000	1550	1250	/	≥3500	1150	1200	≥750
250	0.4	落地式	1000	1000	1200	1550	1250	1100	≥3500	1150	1200	/
300	0.4	窗台式	1000	1000	1200	1550	1250	1000	≥3800	1150	1400	≥750
300	0.4	落地式	1000	1000	1200	1550	1250	1000	≥3500	1150	1400	/
300	1.0	落地式	1000	1000	1200	1550	1250	1000	≥3500	1150	1400	/

注：1.当杂物梯载重300kg，速度1.0m/s时，控制方式为变频控制；2.当杂物梯窗台式轿厢高≥1200mm时，底坑深度为1000mm。