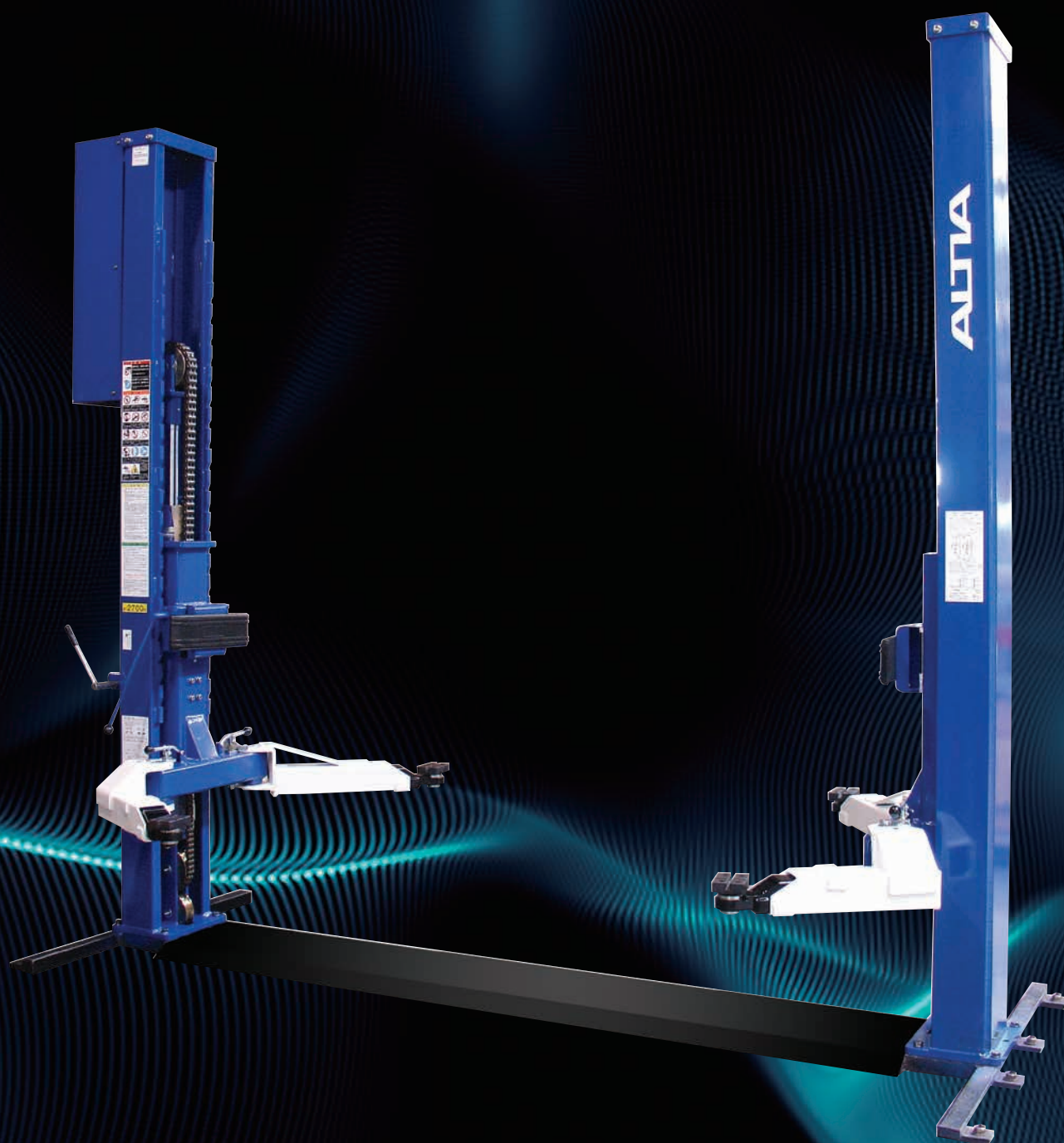


SKY MAX III / ARCH LIFT  
Two Pole Lift / Gate Style Two Pole Lift

**ALTIA**

# SKY MAX III

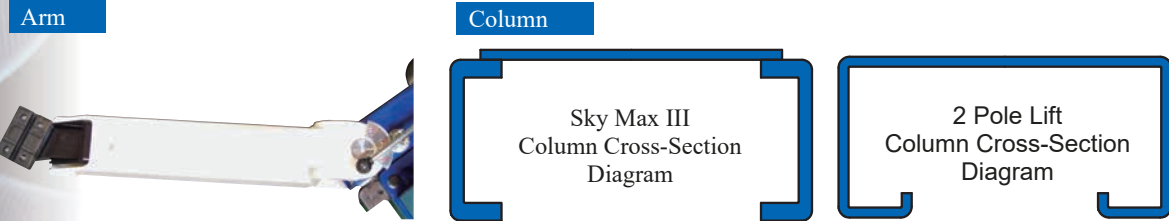


ALTIA CO.,LTD

# 3-stage arm accommodates to a wide range of vehicle

## High Rigidity

By increasing the rigidity of the arm and the column, the capacity has been upgraded to 4.0 tons! This allows for safer and more secure operations



## Equipped with a standard 3-stage sliding arm

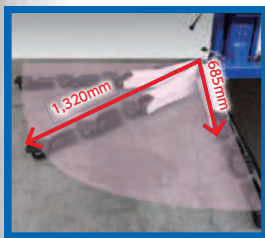
It can accommodate lifting points for a wide range of vehicles, from KEI vehicles to SUVs



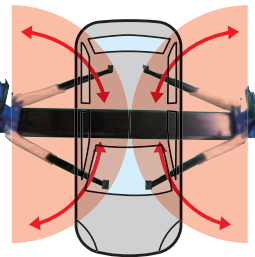
## Wider turning range

The 3-stage sliding arm has a wider turning range than before, allowing it to accommodate vehicles from short-wheelbase compact IBOX cars to large SUVs

※Extension attachment or frame attachment may be required depending on the vehicles.



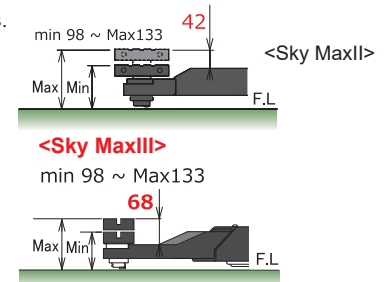
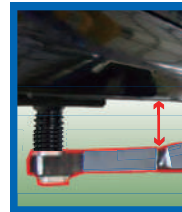
Picture is wide type



## Aero-equipped vehicles are also OK !

Maintaining the attachment's minimum height of 98mm, the arm has been made thinner to further increase the clearance between the top of the arm and the side sill. This allows for lift-up without worrying about interference, even for vehicles with low side sills, such as those equipped with Aero parts.

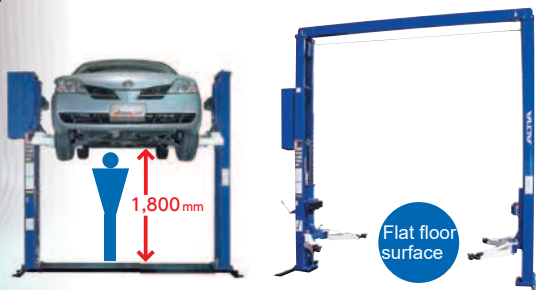
※An Aero-compatible attachment may be required depending on vehicles.



## Spacious work area

1,800mm lift height allows even tall workers to operate comfortably.

Furthermore, the gate type lift creates a flat floor surface, making it easier to move work carts and oil drains in and out, thereby to improve work efficiency



## Multiple Safety Mechanisms

A rack-type mechanical descent prevention device is equipped not only on the drive side but also on the follower side. This ensures safety by preventing sudden drops even in the unlikely event of a chain break or other failure. Moreover, for convenience, both the front and rear arms remain unlockable at the lowest position, but they automatically lock during ascent.



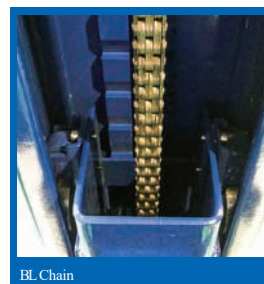
Arm lock lever



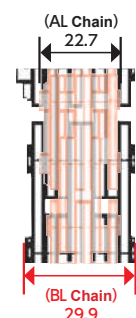
Descent prevention device on follower side

## Adopt a robust chain !

Adopt a BL chain which is commonly used for heavy loads. It has 1.5 times the tensile strength of an AL chain and is less prone to stretching, reducing the risk of synchronization differences between the left and right sides.



BL Chain





# TWO POLE LIFT Series

**lift-up is possible without worrying about the vehicle height.**

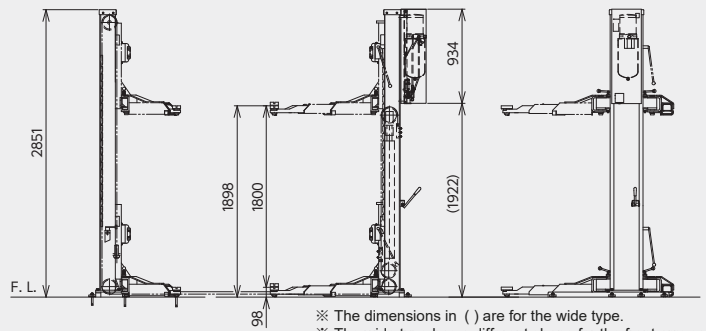
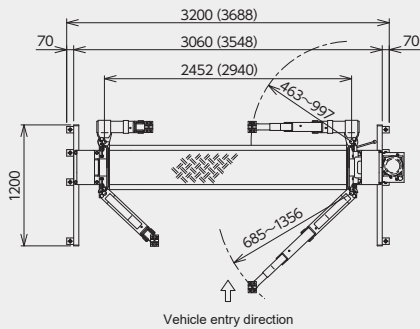


- Capacity ...3,200kg / 4,000kg
- Lifting Height ...1,800mm
- Overall Height...2,851mm
- Overall Width...3,060mm / 3,548mm
- Type ...Offset / Wide
- Arm Shape ...3-Stage sliding arm

Photo : LM8331-0000

Appearance Diagram

▶ 2 POLE LIFT



※ The dimensions in ( ) are for the wide type.  
 ※ The wide type has a different shape for the front arm compared to the diagram above.

Options

▶ **Extension Attachment (4 pieces of each LA&HA)**  
**LM8385-0100**



▶ **Flame Attachment LA (x 2)**  
**LM8200-0300**

▶ **Flame Attachment HA (x 2)**  
**LM8200-0400**

▶ **Speedy Attachment (x 4)**  
**LM8200-1000-**



# Gate Type Two Pole Lift Series

The flat floor design doesn't cause any obstruction

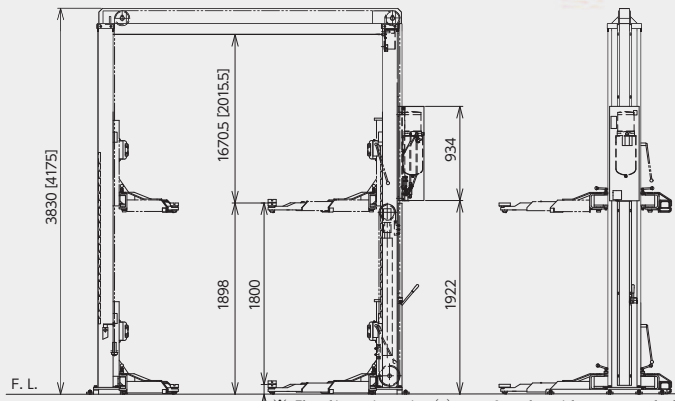
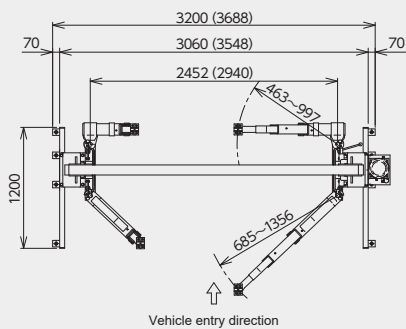
Car wash-compatible models with chrome-plated arms in the lineup



Photo : LM8334-0000

- Capacity ...4,000kg
- Lifting Height ...1,800mm
- Overall Height ...3,830/4,175mm
- Overall Width ...3,060/3,548mm
- Type ...Offset / Wide/ High post / Car-washable
- Arm Shape ...3-Stage Sliding Arm

## ► Gate Type Two Pole Lift

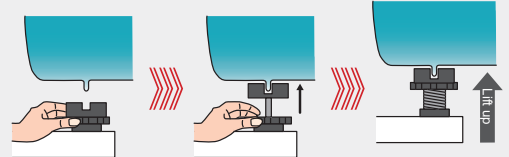


※ The dimensions in ( ) are for the wide type, and the dimensions in [ ] are for the high post type.  
 ※ The wide type has a different shape for the front arm compared to the diagram above.

## ► Euro-compatible Attachment LM8200-0800



## ► Spring Attachment LM8200-0600



- ① Hold the attachment surface by hand and align the arm with the vehicle's jack-up point.
- ② Release your hand and use the force of the spring to fit the attachment into the jack-up point.
- ③ Adjust the height with the screw as needed, and once the setup is complete, lift it up.

# ARCH LIFT

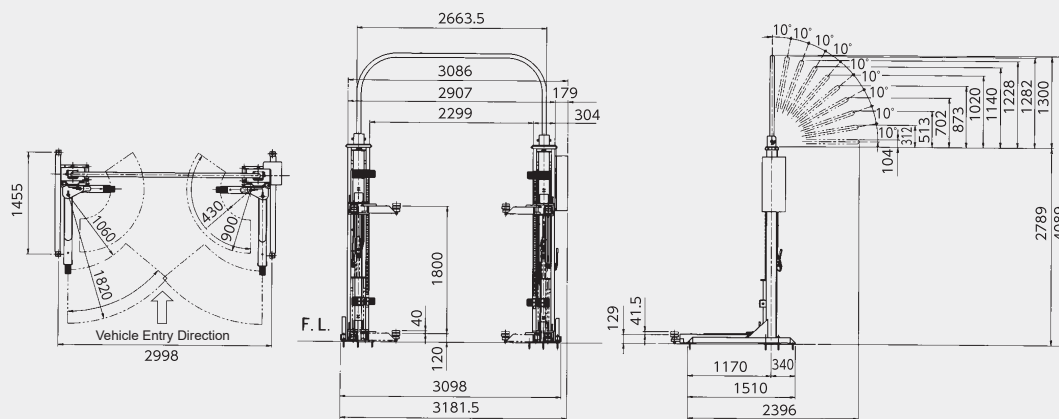
With vehicle offset and adjustable post beam, installation is possible in narrow spaces with limited width and height.

Applicable for  
K-Car ~ Passenger Car

Capacity : 3,000kg  
Lifting Height : 1,800mm  
Motor : 3 phase AC200V, 1.5kW  
Overall Height : 2,893 - 4,089mm  
Overall Depth : 3,181mm  
Specification : Offset / Car-washable  
Shape of Arm : 2-stage Arm



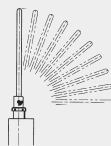
Photo : LM4379-0010



## Specifications of ARCH LIFT

### ● Adjustable Beam

Since the arm angle is adjustable, it can be used as a gate-type lift without worrying about ceiling height.



### ● Applicable for car-wash (LM4379-W010)

\*Outdoor installation is not supported.

## ARCH LIFT Standard Accessories

### ● Pedestal Attachment (for front)



Stroke 39mm

### ● Pedestal Attachment (for rear)



Stroke 41mm

## Specifications

Model	2POST LIFT		GATE TYPE 2POST LIFT				ARCH LIFT
Product Number	LM8329/8331	LM8332	LM8333	LM8334	LM8335	LM8336	LM4379
Type	Off set	Wide	Off set	Wide	High Post / Off set	High Post / Wide	Off set
Car wash Compatible	Non-compatible		Compatible				Compatible
Capacity	3.2t/4.0t	4.0t	4.0t				3.0t
Lifting Height	1,800mm (1,750mm <sup>*1</sup> )		1,800mm (1,750mm <sup>*1</sup> )				1,800mm
Drive System	Electro Hydraulic with Chain		Electro Hydraulic with Chain				Electro Hydraulic
Synchronized System	Chain		Chain				Hydraulic
Ascending Speed	37 Seconds (60Hz)		37 Seconds (60Hz)				40 Seconds (60Hz)
Motor	3-Phase 200V, 2.2KW		3-Phase 200V, 2.2KW				3-Phase 200V, 1.5KW
Oil	ISO VG32 Hydraulic Oil		ISO VG32 Hydraulic Oil				ISO VG32 Hydraulic Oil
Oil Amount	9 ℓ		9 ℓ				11 ℓ
Dimensions							
Overall Width	3,347mm	3,835mm	3,347mm	3,835mm	3,347mm	3,835mm	3,181mm
Overall Height	2,851mm		3,830mm	3,830mm	4,175mm	4,175mm	2,893 ~ 4,089mm
Depth	1,200mm		1,200mm				2,396mm <sup>*2</sup>
Arm (Front)	min463 ~ max997mm	min685 ~ max1,356mm	min463 ~ max997mm	min685 ~ max1,356mm	min463 ~ max997mm	min685 ~ max1,356mm	min430 ~ max900mm
Arm (Rear)	min685 ~ max1,356mm		min685 ~ max1,356mm				min1,060 ~ max1,820mm
Pad Height	min98 ~ max133mm		min98 ~ max133mm				min120 ~ max160mm
Vehicle Passing Width	2,352mm	2,840mm	2,352mm	2,840mm	2,352mm	2,840mm	2,898mm
Weight	Approx. 1,110kg	Approx. 1,120kg	Approx. 1,200kg	Approx. 1,210kg	Approx. 1,240kg	Approx. 1,250kg	Approx. 1,080kg
Safety Device							
Anti-drop Mechanism	Safety Ratchet (Drive side)		Safety Ratchet (Drive side)				Safety Ratchet
Stopper for Arm Swing	Arm Auto Lock System		Arm Auto Lock System				Arm Auto Lock System
Sudden Drop Shut-off Valve	Fuse Valve		Fuse Valve				Fuse Valve
Upper Limit Stopper	—		Wire Type Limit Switch				—
Accessory Attachment	Height with attachment: 98mm from FL / Stroke: 35mm						Front Stroke: 35mm Rear Stroke: 41mm
Target Vehicle	Up to Middle Class	Up to 2T short Truck	Up to Middle Class	Up to 2T short Truck	Up to Middle Class	Up to 2T short Truck	Up to Middle Class

※All models should be installed indoor. ※1 The lifting height of buried type (flat type) is 1,750mm. ※2 Maximum depth when beam is tilted (1,510mm when beam is at highest position)

## Item Table

	Model	Code	Capacity		Lifting Height		Type			Installation Method		
			3.2t	4.0t	1,750mm	1,800mm	Off set	Wide	High Post	Car Wash Compatible	Build Type	Floor-mounted
2POST LIFT	LM8329	0000	●			●	●					●
		0005	●		●		●				●	
	LM8331	0000		●		●	●					●
		0005		●	●		●				●	
	LM8332	0000		●		●		●				●
		0005		●	●			●			●	
GATE TYPE 2POST LIFT	LM8333	0000		●		●	●				●	●
		0005		●	●		●				●	
		W000		●		●	●		●			●
		W005		●	●		●		●		●	
	LM8334	0000		●		●		●				●
		0005		●	●			●			●	
		W000		●		●	●		●			●
		W005		●	●			●		●		●
	LM8335	0000		●		●	●		●			●
		0005		●	●		●		●		●	
		W000		●		●	●		●	●		●
		W005		●	●		●		●	●		●
LM8336	0000		●		●		●	●			●	
	0005		●	●			●	●		●		
	W000		●		●	●		●	●		●	
	W005		●	●			●	●		●		
ARCH LIFT	LM4379	0010	3.0t			●	●					●
		W010	3.0t			●	●			●		●

**⚠ Cautions: For your safety, ensure to read the operation manual before your use.**

\*Specifications are subject to change without notice.

# ALTIA CO., LTD.

Harumi Triton Square Z-6F, 1-8-12 Harumi, Chuo-ku,  
Tokyo 104-6206 Japan

TEL : +81-3-6777-0065 / FAX : +81-3-6777-0079

Branch : Sapporo, Sendai, Tokyo, Kanetsu, Nagoya, Osaka  
Hiroshima, Fukuoka / China, Thailand



<https://altia.co.jp>

