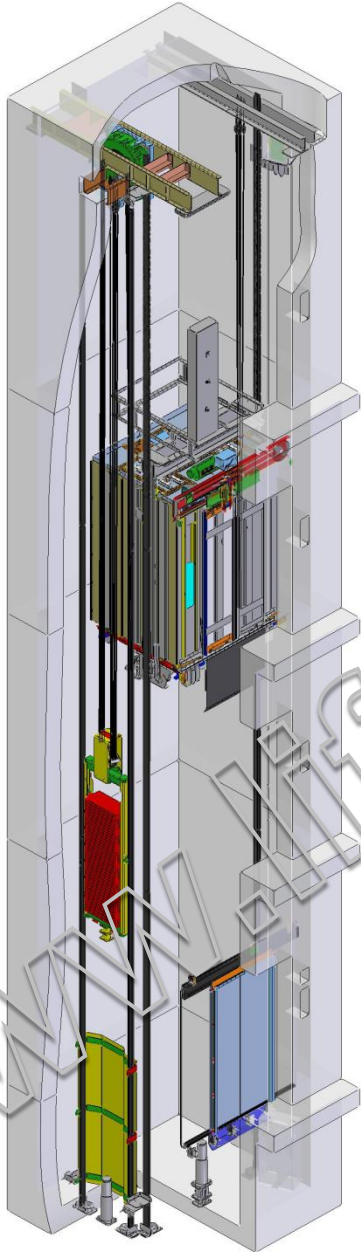




LIFT (Elevator)

(LIFT Thailand)

Regenerative Drive Control

Machine Room Less

AC.Gearless PM.Motor

Content LIFT (Thailand)

- Technical specification
- Layout drawing
- Description
 - Duty table
 - Car cage dimensions
 - Counter weight
 - Pit
 - Landing door
- Selling points

LIFT (Thailand) Technical Specification

Duty Table

Load	Passengers	Speed (m/s)		
kgs	Pers	1.0	1.5	1.75
630	8	✓	✓	✓
825	11	✓	✓	✓
1000	13	✓	✓	✓

Lift (Thailand) Technical Specification

Duty table on Travel & Floors / Stops

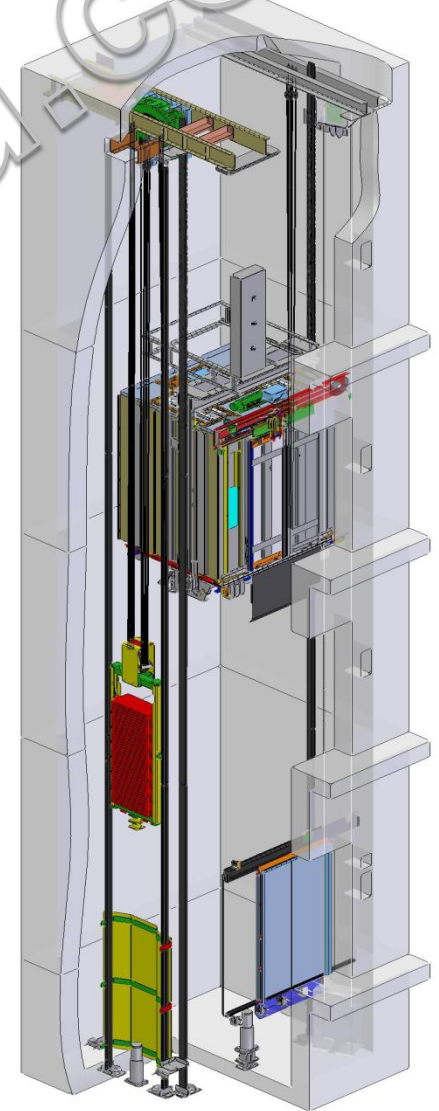
Load	Passenger	Speed (m/s)		
kgs	Persons	1.0	1.5	1.75
630	8	40 m 14 F/S	65 m 20 F/S	75 m 24 F/S
825	11	40 m 14 F/S	65 m 20 F/S	75 m 24 F/S
1000	13	40 m 14 F/S	65 m 20 F/S	75 m 24 F/S

LIFT (Thailand) Technical Specification

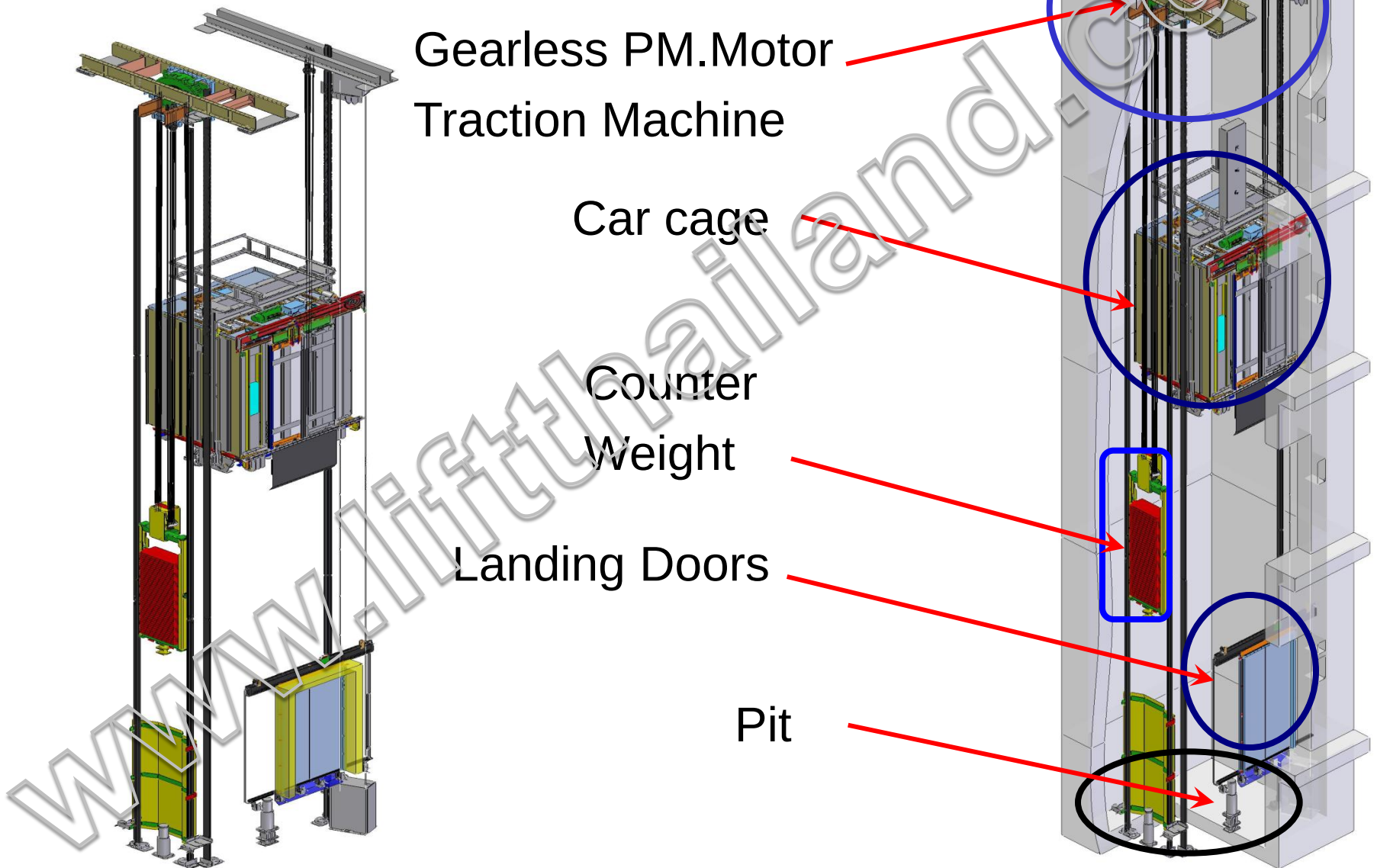
Car Cage Dimension

Type of car cage	Load	Passenger	Car cage dim (mm)		Central Door opening
	kg	Pers	Clear width	Clear depth	mm
Wide cage	630	8	1100	1400	800
	825	11	1350	1400	800
	1000	13	1600	1500	900
Deep cage	825	11	1100	1750	800
	1000	13	1100	2100	800

- Hoistway layout



LIFT (Thailand) Over View



LIFT (Thailand) Machine & Control CPU 32 bit

❖ PM. Motor
& Inverter FUJI

❖ Motor Power:
Max.11 kW

❖ Regen Drive:
synchronous
inverter Control

**UPS
(ARD)**

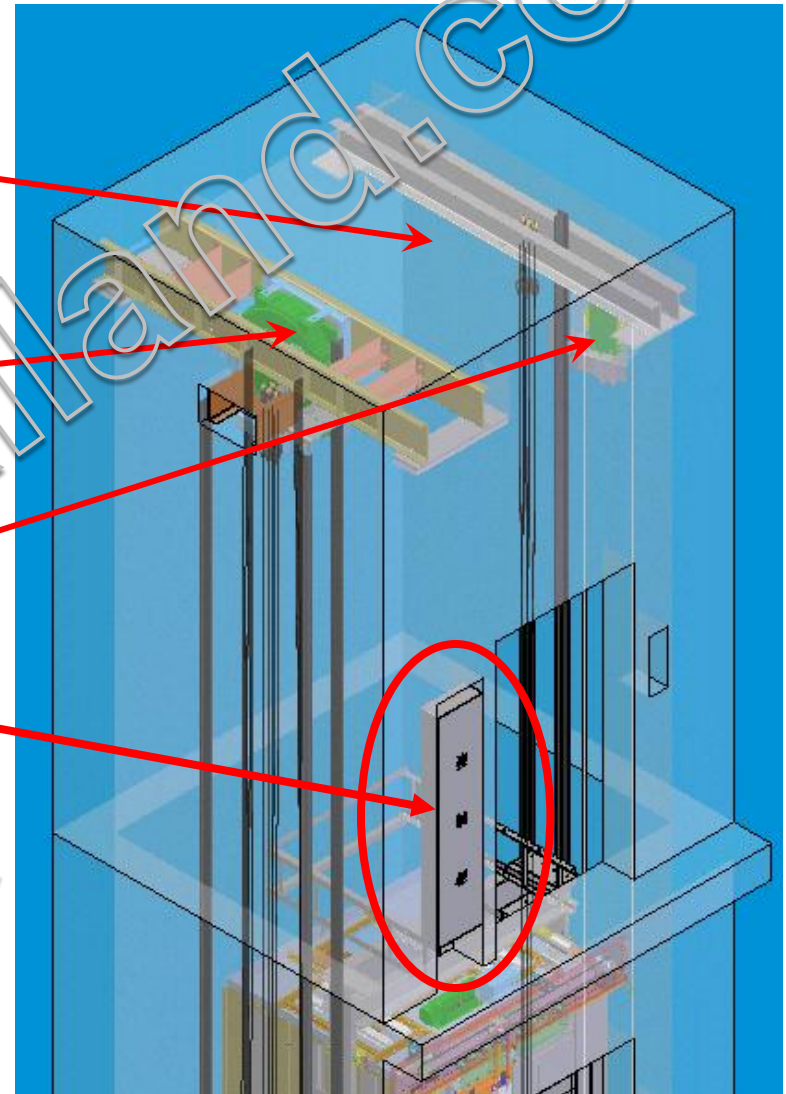
PM. Motor

Governor

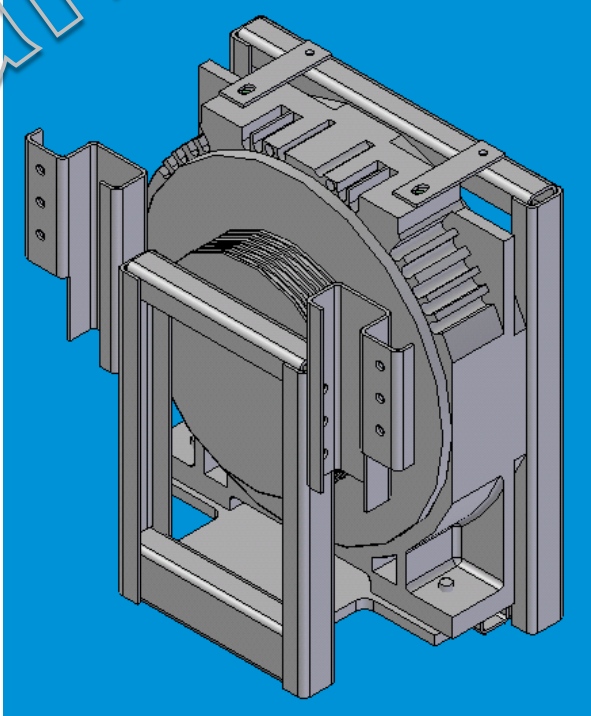
**VVVF
Controller**

Microprocessor

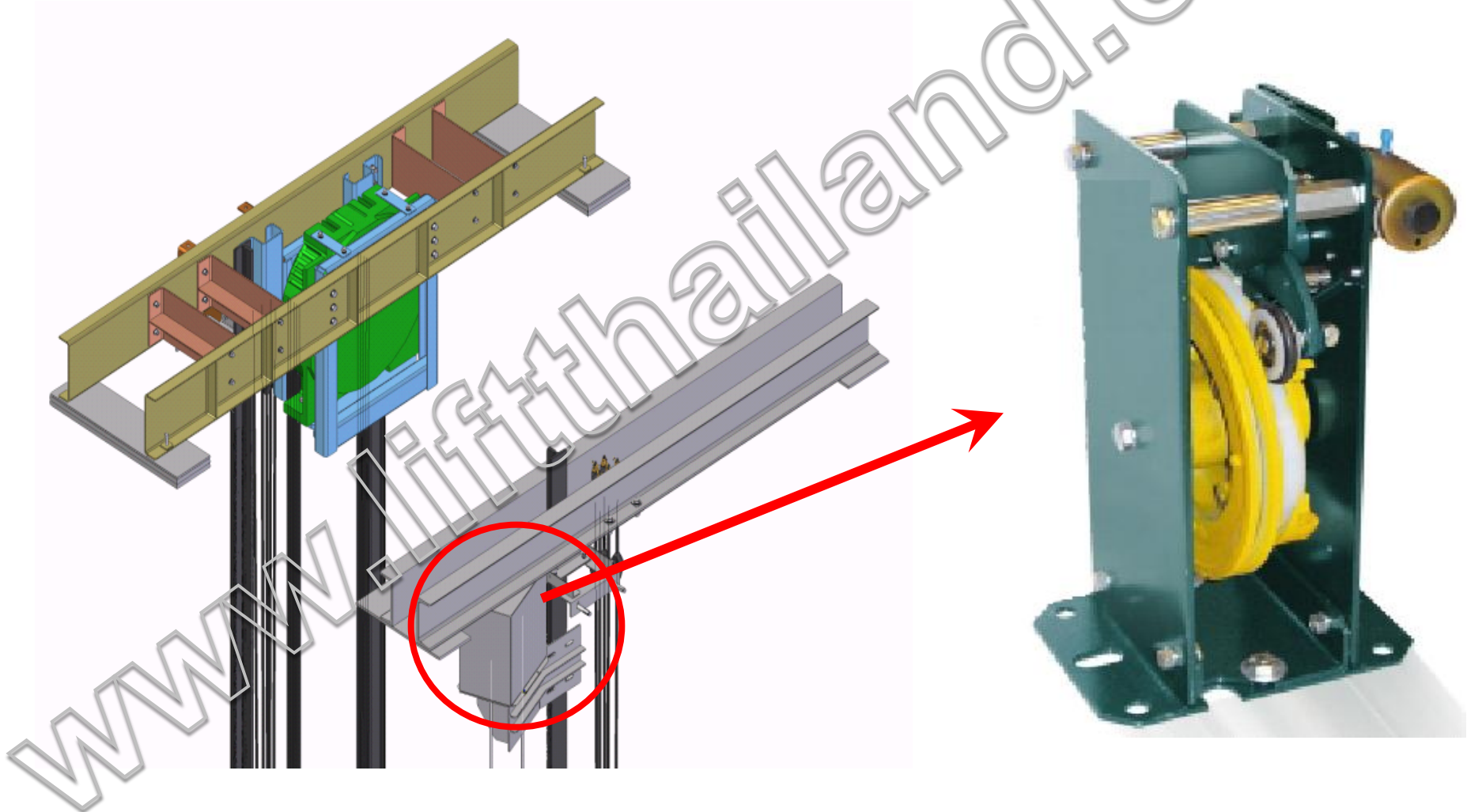
CPU 32 BIT



LIFT (Thailand) Traction Machine Gearless

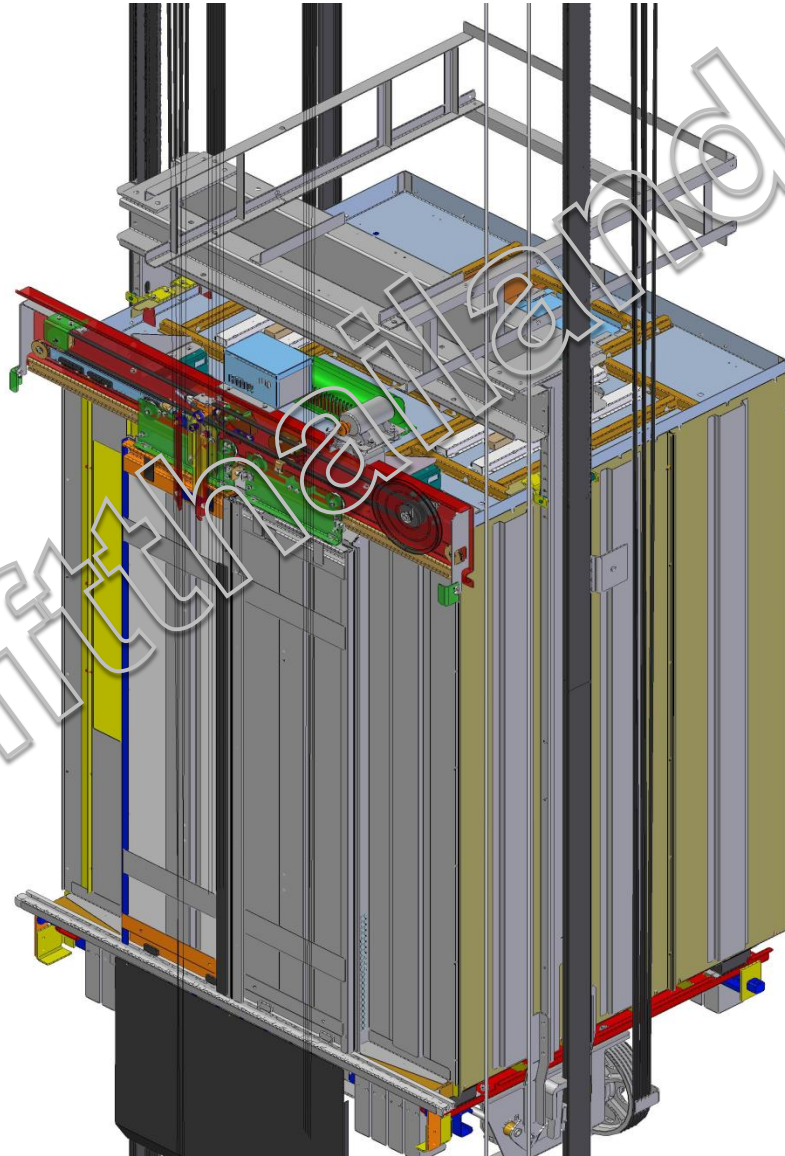
Load	AC. GEARLESS PM. Motor (LIFT)	
630 kgs	SSE4-4  	
825 kgs		
1000 kgs		

LIFT (Thailand) Over Speed Safety Governor

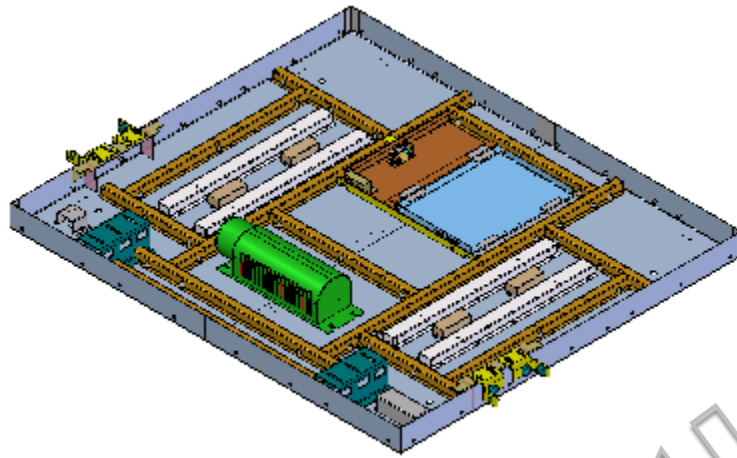


LIFT (Thailand) Car Cage

**Modular
Car Cage
Design**



LIFT (Thailand) Car Cage



Car Top



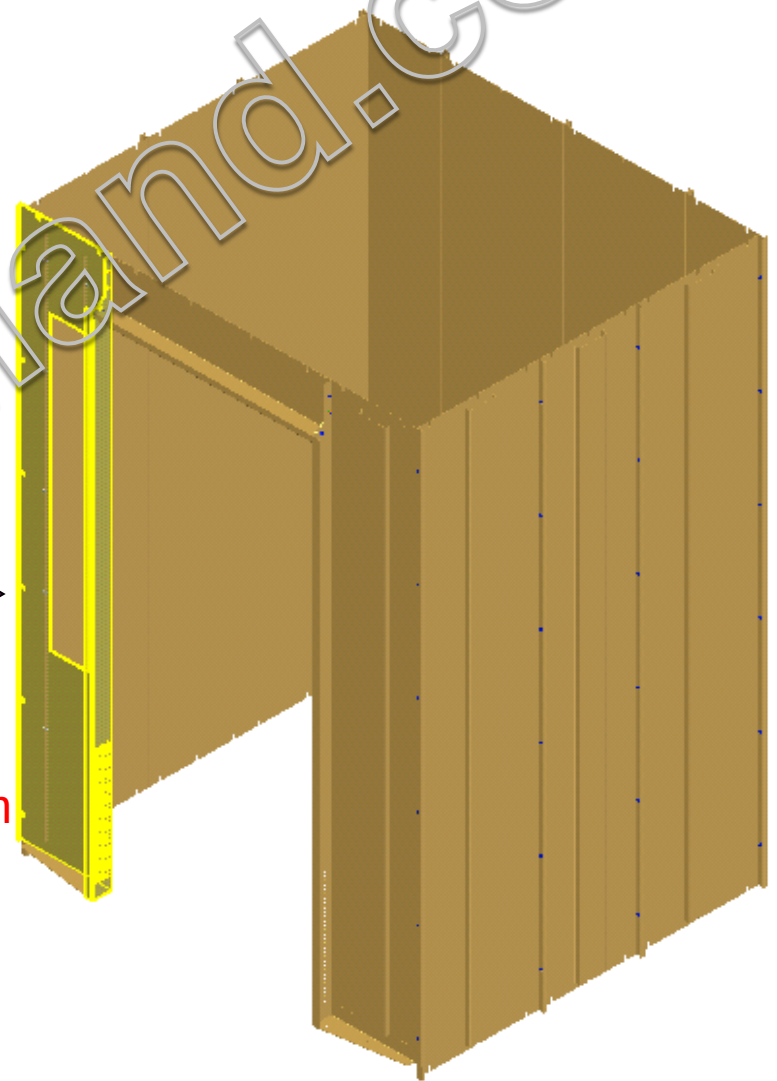
Car wall



Car Bottom



Car Platform



LIFT (Thailand) Car Door Finish



**Mirror St St / Ti-Mirror
St St/Marble floor**



**Mirror St St/Etched Mirror
st st / Marble floor**



Glass Car cage

LIFT (Thailand) Car Operation Panel (C.O.P.)



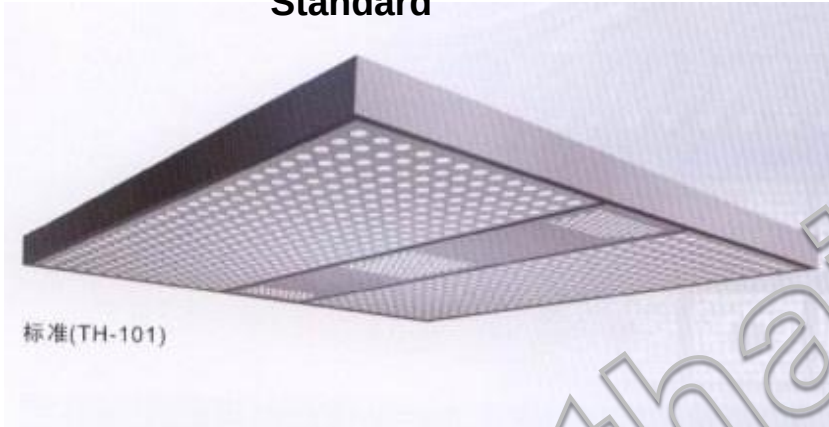
Hairline St St



Mirror St St

LIFT (Thailand) Ceiling Standard (LED)

Standard



Optional



Optional



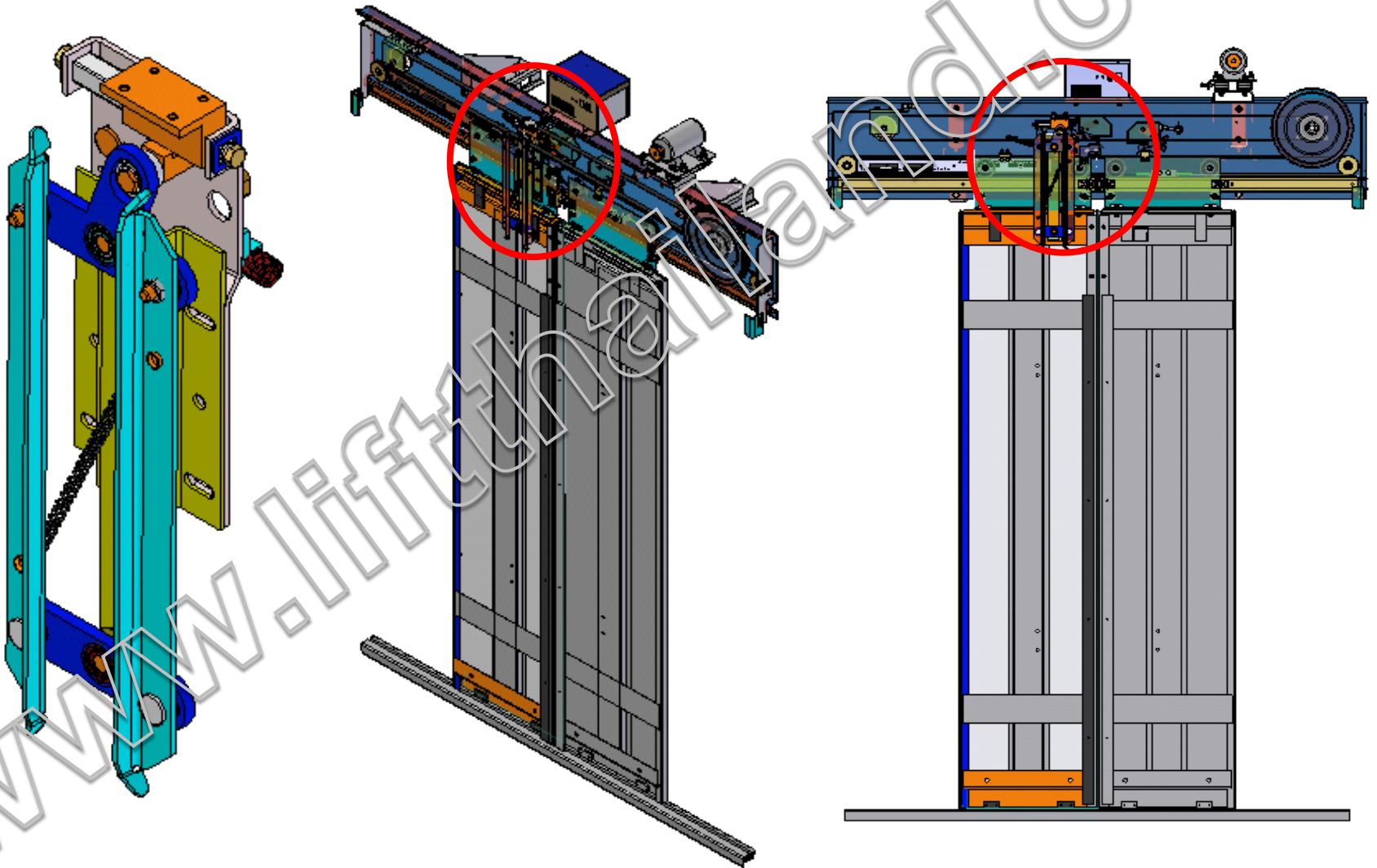
Optional



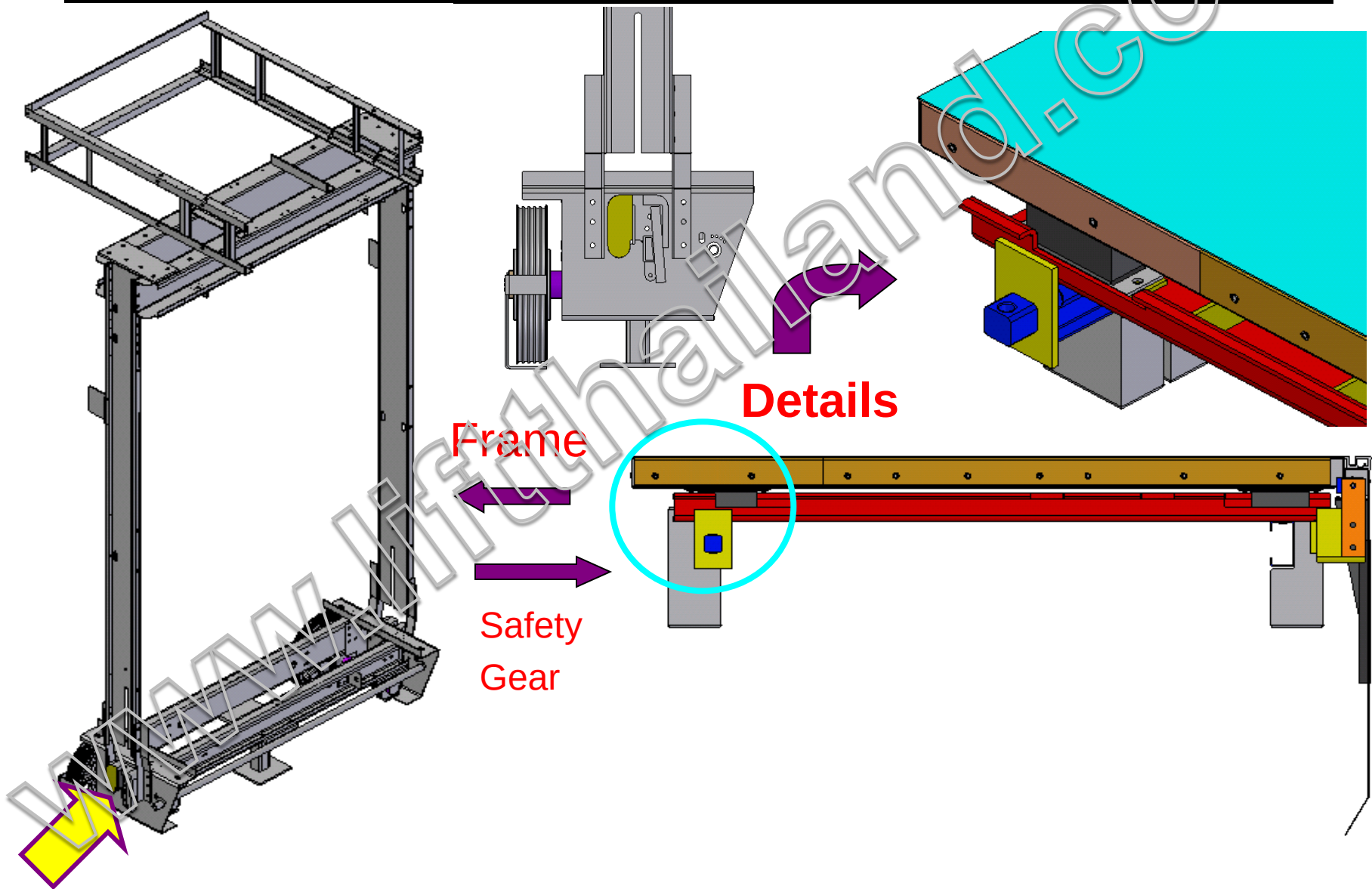
LIFT (Thailand) Car Cage

Component	Standard	Optional
Ventilation	Fan on car top, and holes on car front wall and car top	4 Set / Unit
Lighting	Fluorescent lighting & LED	LED
	Emergency lighting	
Car top and Ceiling	Car top and ceiling separately	Ceiling options: TH-101、TH-102、TH-103、TH-104
Car door protection	2D light Curtain Infrared	3D light Curtain
Car door finish	Same as car wall	
Door operator	VVVF drive with poly-V belt	

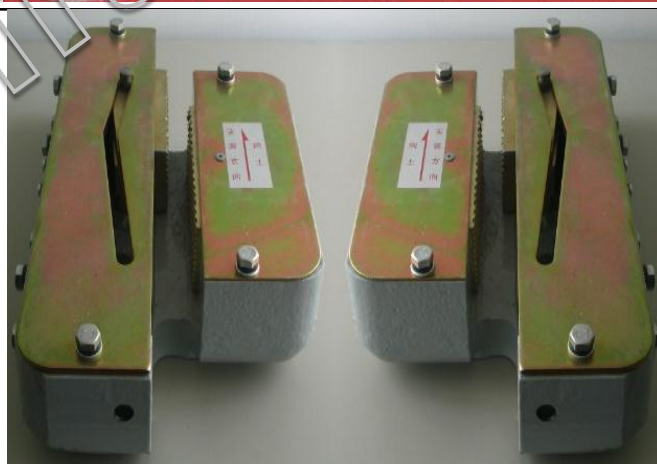
LIFT (Thailand) Car Door Operator

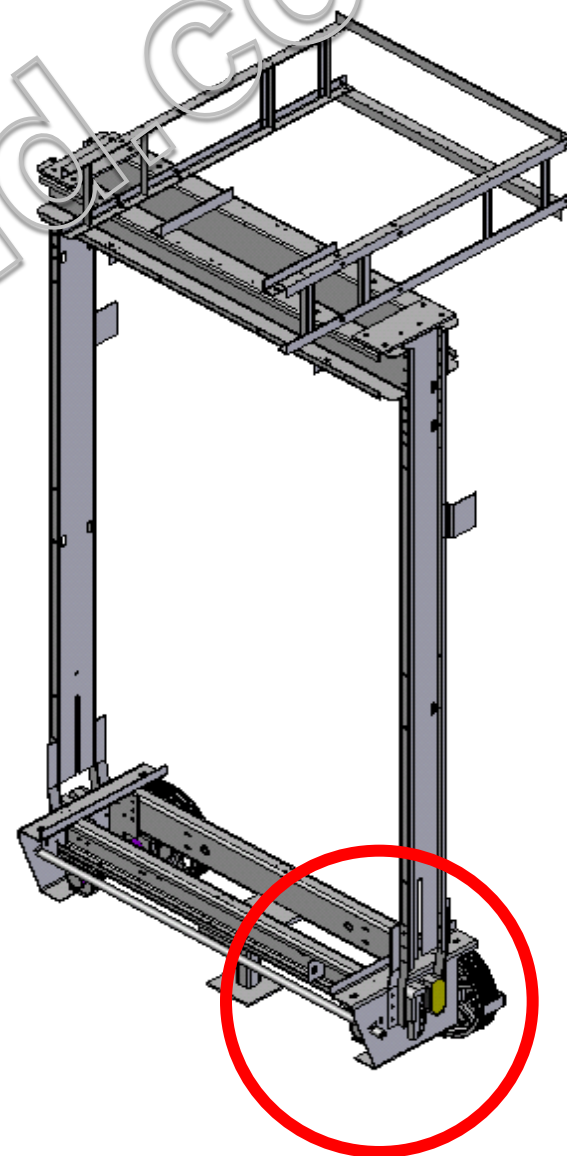


LIFT (Thailand) Car Frame Safety

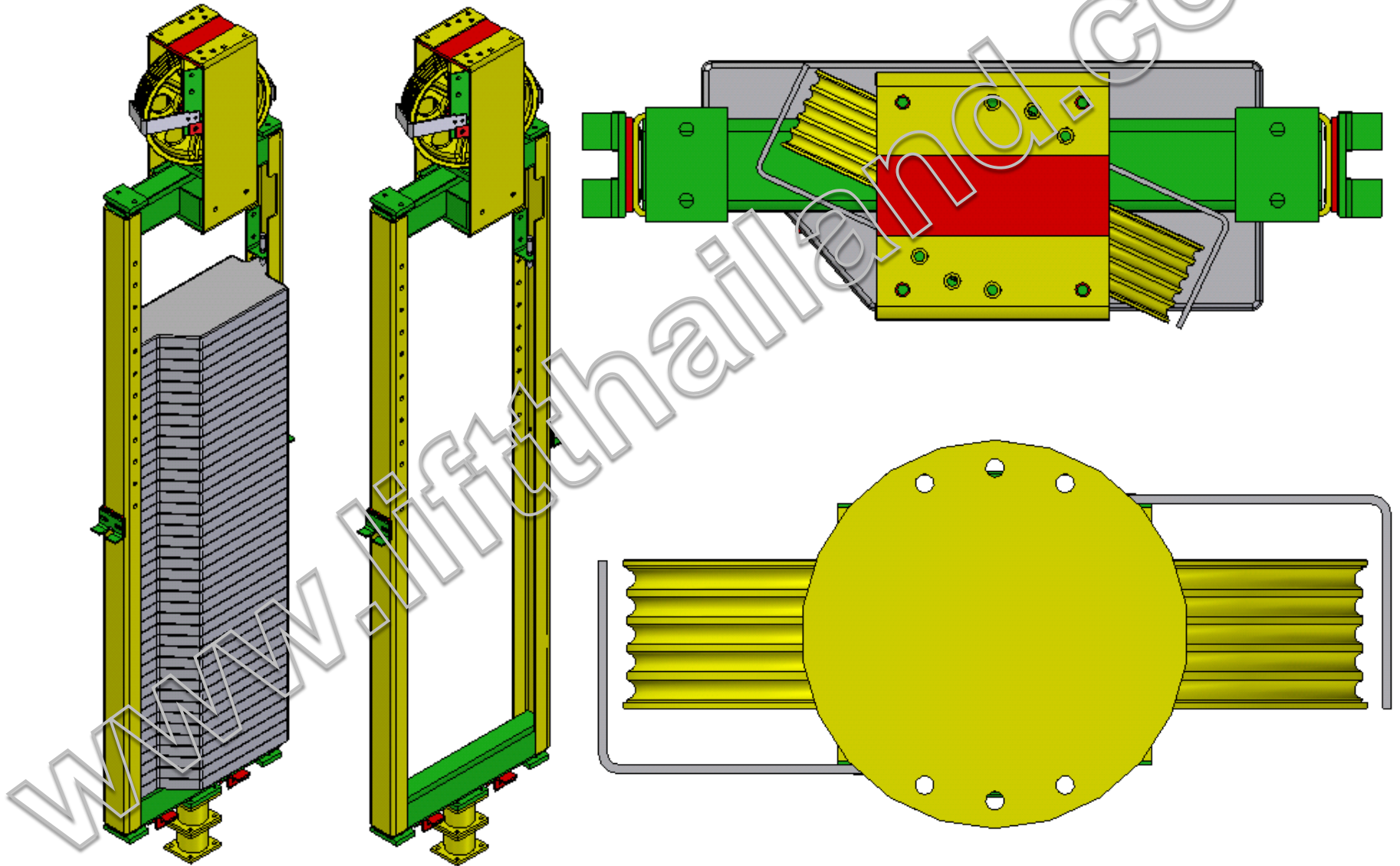


LIFT (Thailand) Safety Gear

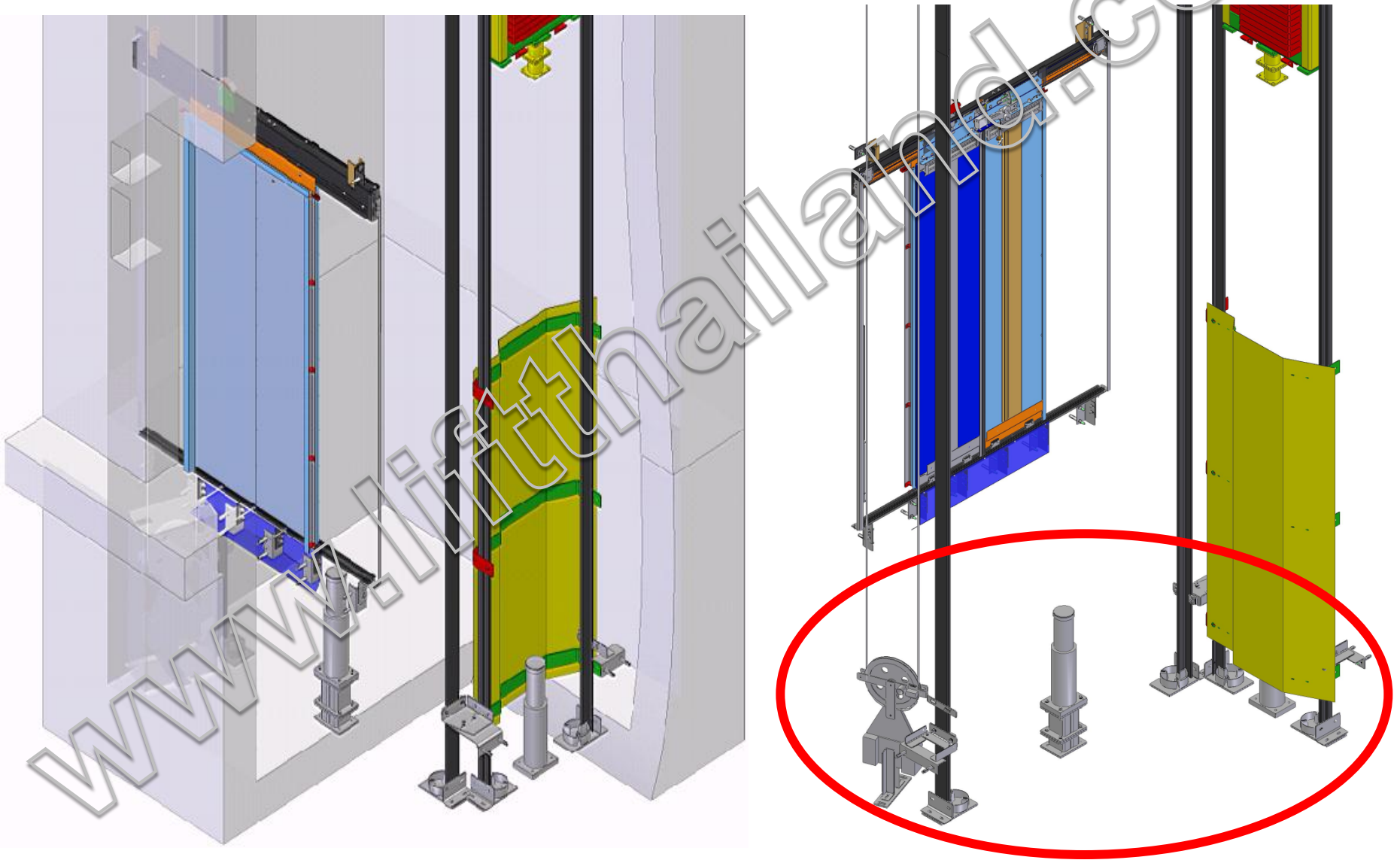
Load	Type
630 kgs 825 kgs 1000 kgs	7105 
630 kgs 825 kgs 1000 kgs	121 



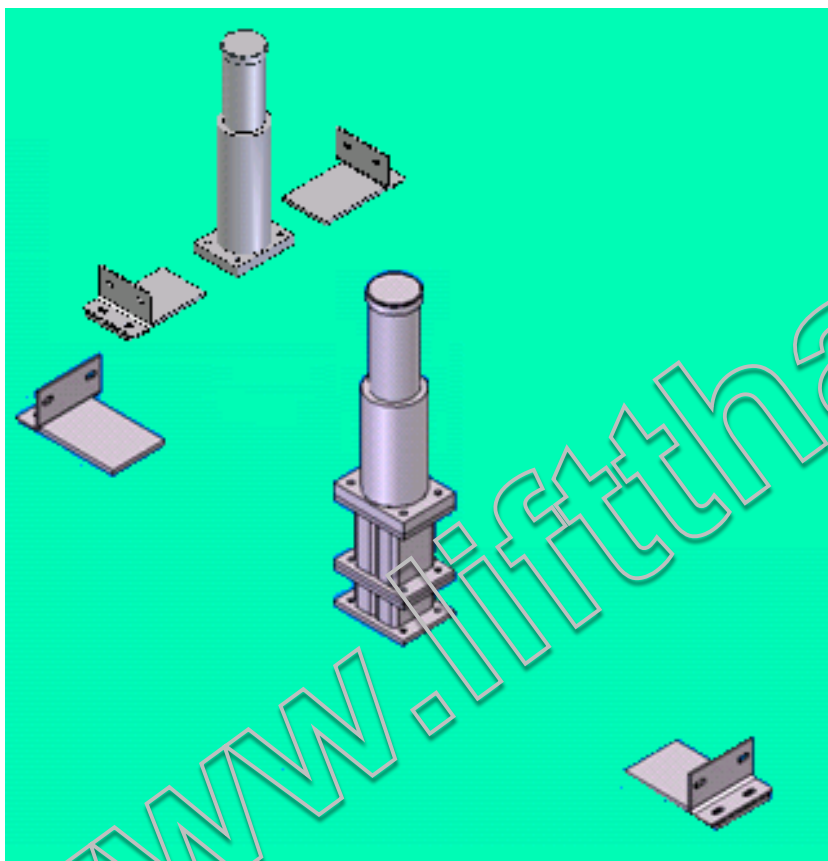
LIFT (Thailand) Counter Weight



LIFT (Thailand) Pit (LIFT Pit)



LIFT (Thailand) Pit Accessory



Speed m/s	Spring & Oil Buffer		
	Car	C. W	Type
1.00	ZDQ-A	ZDQ-A	PU
1.5~1.75	HY2/206	HY2/206	Hydrau

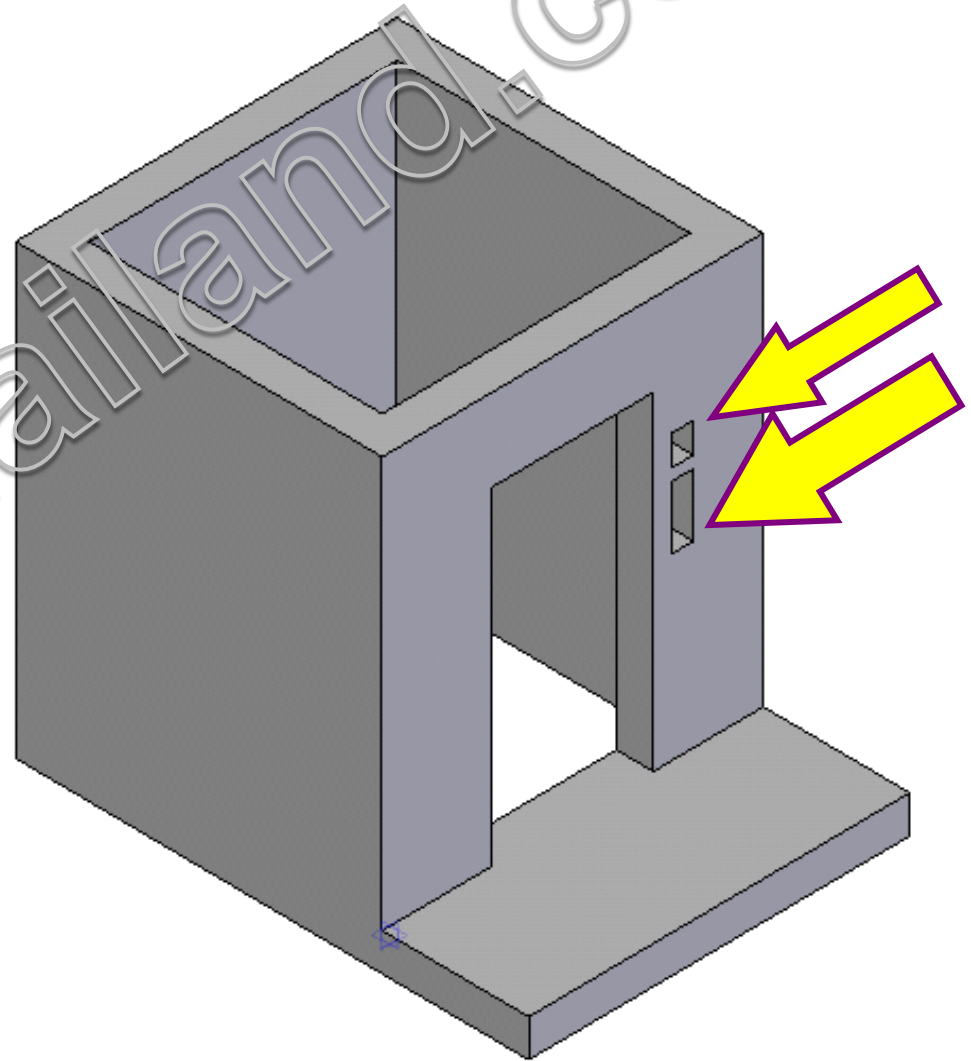
LIFT (Thailand) Landing Floor. HB Button & Fireman



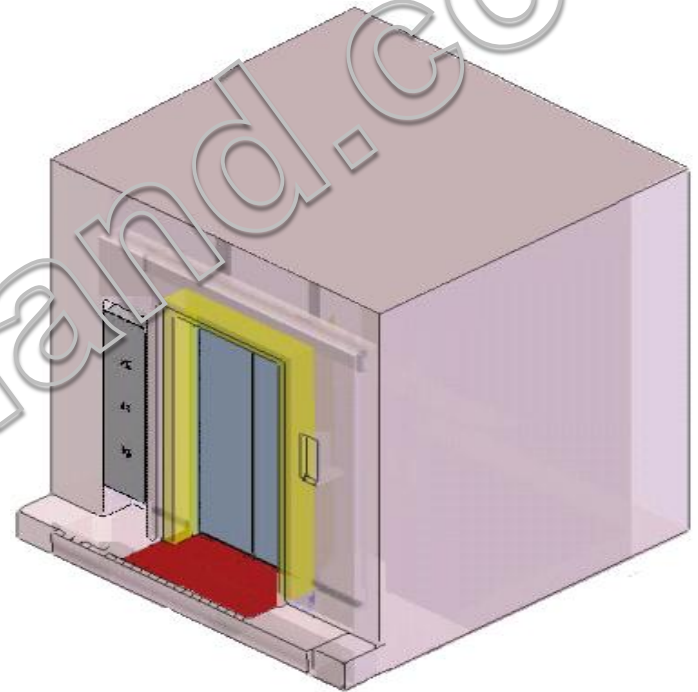
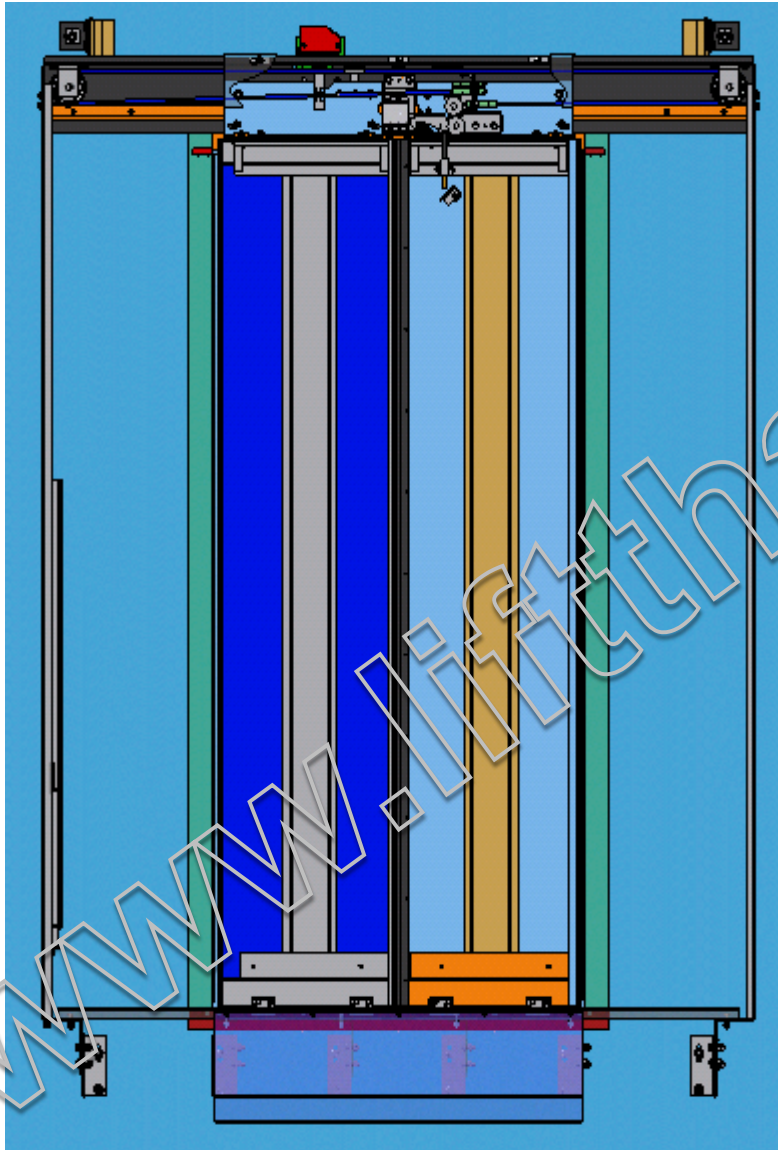
Hairline st st



Mirror st st



LIFT (Thailand) Landing Door No.304



Component	Standard	Optional
Door panel	H. St St	painted
Narrow Jamb	H. St St	painted
Sill	Aluminum	

LIFT (Thailand) Standard Features Specification

- Car top & controller inspection operation
- Car emergency lighting
- Car emergency call button
- Attendant operation
- Fire emergency return
- MRL electronic succor operation supported with back up battery
- Full Collective Operation Microprocessor CPU 32 bit
- Overload protection
- Auto & Manual car lighting & fan control
- Automatic bypass
- Interphone device
- Parking key
- Up & down over-speed protection
- LCD Indicator Display
- Car top fence
- Counter weight screen protection
- Door protection (light curtain 2D)
- Automatic packing

LIFT (Thailand) Standard Features Specification

- Fireman emergency operation
- Fire Alarm Home Landing
- Anti-Nuisance Cancellation
- Auxiliary COP
- Re-leveling
- CCTV interface (include cable)
- Car arrival chime
- False calls cancellation
- Door pre-opening
- Simplex Full Selective Collective Control (1 Unit)
- Duplex , Group Control (2-3-6 Cars Group Operation Control)
- Series Communication Link
- Automatic Recue Device (UPS)
- Full Load by pass
- Cat ladder
- Stainless Steel Hairline No.304
- 24 Hours Service

LIFT (Thailand) Selling Points

Higher Configuration

- ☑ Etched Stainless steel car finish
- ☑ Ceiling LED Lighting
- ☑ Hairline Stainless steel landing door & jamb No.304
- ☑ More standard features
- ☑ Remote monitoring interface provided
- ☑ AC. Gearless PM. Motor & Inverter Drive Control Cpu 32 bit



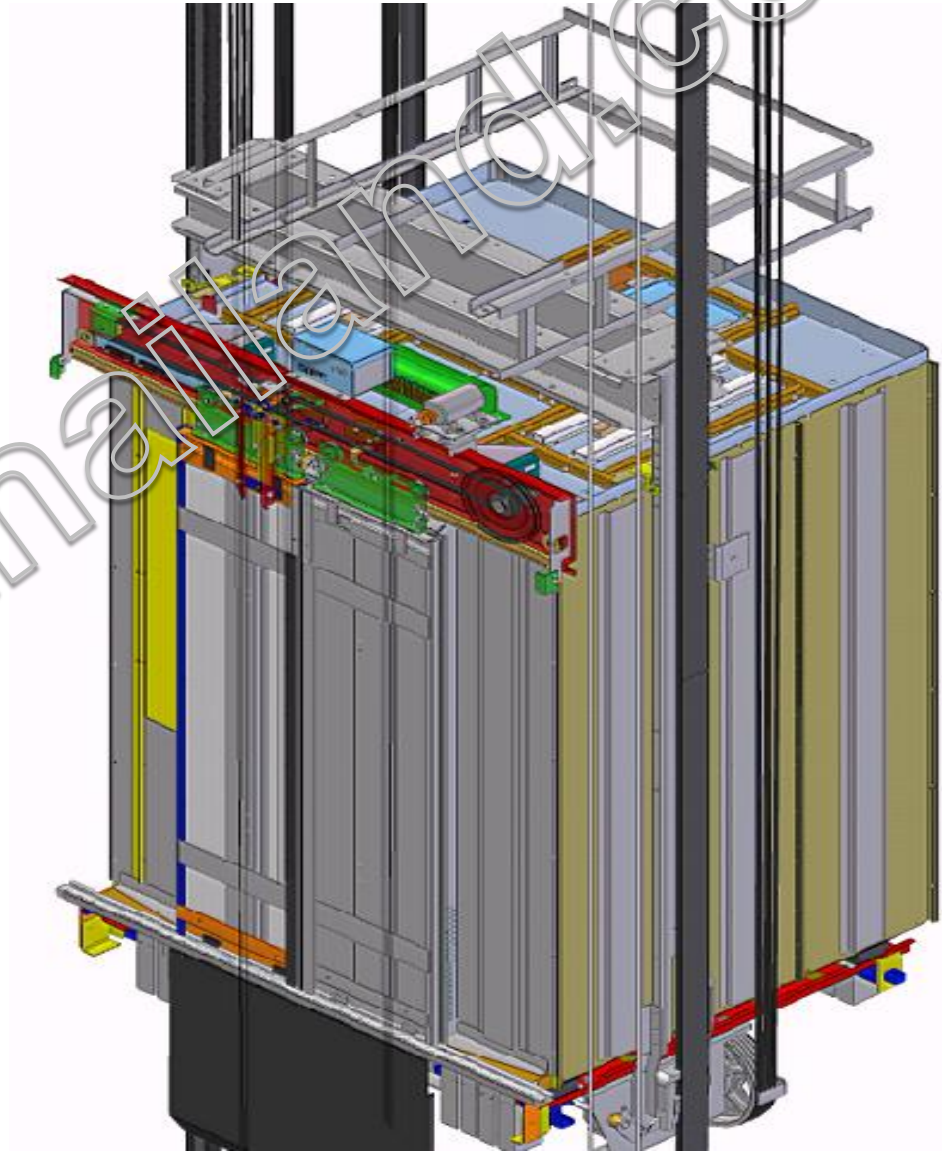
LIFT (Thailand) Selling points Inverter Drive Control

- ✓ Higher efficiency:
over 80%
- ✓ Energy saving:
reduction of power
supply loss over 40%
- ✓ Regen Drive Control
- ✓ AC.Gearless PM. Motor,
No Gear, No Oil



LIFT (Thailand) Selling Points

**Modular
Car Cage
Design
LIFT Thailand**



LIFT (Thailand) Selling Points

- Self Learning System
- Diagnostic
- Door Operator - Self Learning System

เรียนเชิญ

- ถาม

- ตอบ

Thank You

ขอบคุณทุกท่าน

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