



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A

**EU TYPE EXAMINATION CERTIFICATE
FOR TRACTION DRIVE PASSENGER ELEVATOR (LIFT)
EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IV (MODULE B)**

Manufacturer's/Applicant's- Certificate Holder's Name	: <i>Sail Intelligent Elevator (Suzhou) Co., Ltd.</i>
Address	: <i>No.999, Badu Lingang Development Zone (Fenglin Bay) Zhenze Town, Wujiang District, Suzhou City, Jiangsu Province, P.R. China.</i>
Certificate No.	: <i>LIMB.0067</i>
Product Type	: <i>Machine Roomless Passenger Lift</i>
Product Model	: <i>SAIL-TKJW(Technical Description Attached) Annex A: Technical Specifications Annex B: List of Safety Components Certificates</i>
Directives/Standards	: <i>2014/33/EU, EN 81-20:2014</i>
Checklist Report No.	: <i>LIMB.0067R</i>

On manufacturer's request, it is hereby certified that the aforementioned notified body, EUROCERT SA, with identification number **1128**, has assessed the above representative model of Machine Roomless Passenger Lift, in accordance with the requirements of European Lift Directive 2014/33/EU Annex IV (Module B), with satisfactory results.

Preconditions:

A lift, manufactured in conformity with the above described model lift, must be submitted by the installer to Final Inspection procedure according to annex V of European Lift Directive 2014/33/EU (Final Inspection) before being placed in use.

The installer of the lift, if it satisfies the provision of the Directive, shall affix the CE marking with the Identification Number of the involved to the Final Inspection notified body and draw up an EU Declaration of Conformity.

Issue date: 19/11/2018

INSPECTOR

CHAD WANG

FOR EUROCERT SA

George N. Sifonios
Director of Development

Please check the validity of the certificate from our website using the password S85nFcgKo

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Product Certification
Cert. No. 21
ΔΠ13.6/E20/26-01-09

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**Annex A: Technical Specifications
Belonging to Certificate Number: LIMB.0067**

Technical Specifications	Parameters / Range		
Type of Lift	Machine Roomless Passenger Lift		
Type of Driving System	Traction		
Machine Roomless Position	N/A		
Permissible Rated Load mass(kg)	450	630	800
Car Weight(kg)	600-1200	600-1200	750-1200
Capacity (no. of persons)	6	8	10
Max Traveling Distance (m)	90	90	125
Diameter of Pulley (mm)	Φ320, Φ400, Φ420	Φ320, Φ400, Φ420	Φ320, Φ400, Φ420
Rated Speed (m/sec)	1.0, 1.5, 1.75	1.0, 1.5, 1.75, 2.00	1.0, 1.5, 1.75, 2.00
Type of Motor	MCK100, MCK200, MY05, GTW9, FRD32	MCK100, MCK200, MY05, GTW9, FRD32	GETM3.0H, MCK200, MY05, GTW9, FRD32
min-max. Car Dimensions (Area m ²)	1.17-1.30	1.45-1.66	1.73-2.00
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T75, T82-3, T89/B	T75, T82-3, T89/B	T75, T82-3, T89/B
Guide Rail of the Counterweight	TK5A		
Distance Between Brackets (car guide rails)(m)	2.5(max.)		
Number of wire Rope	4,5	4,5	5,6
Wire Rope Diameter (mm)	Φ8, Φ10	Φ8, Φ10	Φ8, Φ10
Suspension Type (Ratio)	2:1		
Compensation Chain	Available.		



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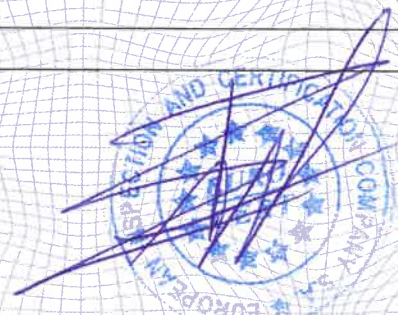




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**Annex A: Technical Specifications
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Technical Specifications	Parameters / Range		
Type of Lift	Machine Roomless Passenger Lift		
Type of Driving System	Traction		
Machine Roomless Position	N/A		
Permissible Rated Load mass(kg)	1000	1050	1150
Car Weight(kg)	900-1350	900-1350	1000-1350
Capacity (no. of persons)	13	14	15
Max Traveling Distance (m)	125	90	125
Diameter of Pulley (mm)	Φ320, Φ400, Φ450	Φ320, Φ400, Φ450	Φ320, Φ400, Φ450, Φ485, Φ530, Φ550
Rated Speed (m/sec)	1.0, 1.5, 1.75, 2.0, 2.5	1.0, 1.5, 1.75, 2.0, 2.5	1.0, 1.5, 1.75, 2.0, 2.5
Type of Motor	GETM3.0H, MCK200, MY05, GTW9, FRD32	GETM3.0H, MCK200, MY05, GTW9, FRD32	GETM3.5H, MCK200, GTW9, FRD40A
min-max. Car Dimensions (Area m ²)	2.15-2.40	2.29-2.50	2.43-2.70
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T75, T82-3, T89/B	T82-3, T89/B, T114/B	T82-3, T89/B, T114/B
Guide Rail of the Counterweight	TK5A, T75		
Distance Between Brackets (car guide rails)(m)	2.5(max.)		
Number of wire Rope(mm)	5,6,7	5,6,7	5,6,7,8
Wire Rope Diameter (mm)	Φ8, Φ10	Φ8, Φ10	Φ8, Φ10
Suspension Type	2:1		
Compensation Chain	Available		



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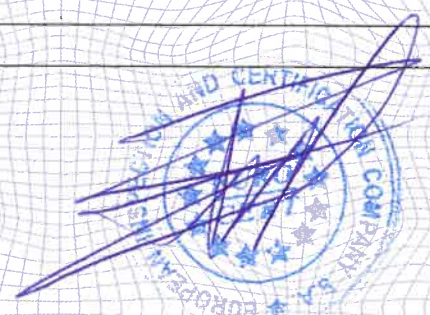




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**Annex A: Technical Specifications
Belonging to Certificate Number: LIMB.0067**

Technical Specifications	Parameters / Range		
Type of Lift	Machine Roomless Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	N/A		
Permissible Rated Load mass(kg)	1250	1350	1600
Car Weight(kg)	1150-1400	1200-1500	1500-2300
Capacity (no. of persons)	16	18	21
Max Traveling Distance (m)	125	125	125
Diameter of Pulley (mm)	Φ400, Φ450, Φ480, Φ550	Φ400, Φ450, Φ480, Φ550	Φ400, Φ450, Φ480, Φ550
Rated Speed (m/sec)	1.0, 1.5, 1.75, 2.0, 2.5	1.0, 1.5, 1.75, 2.0, 2.5	1.0, 1.5, 1.75, 2.0, 2.5
Type of Motor	GETM6.0H, MCK300, GTW10M, FRD40A	GETM6.0H, MCK300, GTW10, FRD40A	GETM6.0H, MCK300, GTW10, FRD40A
min-max. Car Dimensions (Area m ²)	2.59-2.90	2.85-3.10	3.25 -3.50
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T82-3,T89/B, T114/B	T82-3,T89/B, T114/B	T82-3,T89/B, T114/B
Guide Rail of the Counterweight	TK5A, T75		
Distance Between Brackets (car guide rails)(m)	2.5(max.)		
Number of wire Rope(mm)	6,7,8	6,7,8	7,8,9
Wire Rope Diameter (mm)	Φ10	Φ10	Φ10
Suspension Type (Ratio)	2:1		
Compensation Chain	Available		





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**Annex B: Safety Components Specification
Belonging to Certificate Number: LIMB.0067**

Safety Component Description	Model / Manufacturer / Certificate data
Safety Gear	<i>OX-188/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0133/17</i>
	<i>OX-210A/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0134/17</i>
	<i>LSG01/ Shanghai Liftech Elevator Accessories Co., Ltd./ 795/IT/28.04.2017</i>
	<i>AQ11A/Hebei DongfangFuda Machinery Co., Ltd./ 773/NT/26.04.2017</i>
	<i>AQ11B/Hebei DongfangFuda Machinery Co., Ltd./EU-SG 888</i>
	<i>AQ11C/Hebei DongfangFuda Machinery Co., Ltd./EU-SG 889</i>
	<i>AQ11D/Hebei DongfangFuda Machinery Co., Ltd./ EU-SG 890</i>
	<i>AO5Z/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0082/16</i>
	<i>AO5Z/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0095/16</i>
	<i>AO32KB/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0103/16</i>
	<i>AO10A/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0126/17</i>
	Overspeed Governor
<i>OX-240/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0129/17</i>	
<i>OX-187/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0127/17</i>	
<i>XS200/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0084/16</i>	
<i>XS250/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0083/16</i>	
Buffer	<i>OH-175/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0159/17</i>
	<i>OH-210/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0131/17</i>
	<i>OH-275/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0188/18</i>
	<i>OH-425/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0189/18</i>
	<i>EI100 / Shanghai Iniee Industry Co., Ltd. / SCMB.0138</i>
	<i>EI165 / Shanghai Iniee Industry Co., Ltd. / SCMB.0139</i>
	<i>YH45/70/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574515</i>
	<i>YH46/155/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574516</i>
	<i>YH47/207/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574517</i>
	<i>YH48/270/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574518</i>
	<i>YH49/425/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574519</i>
	<i>YH73A/210/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-585392</i>
	<i>YH51/80/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-516942</i>
	<i>YHB/70 Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0085/16</i>
	<i>YHB/160/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0086/16</i>
	<i>YHB/210/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0087/16</i>
<i>YHA/275/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0088/16</i>	
<i>YHA/425/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0089/16</i>	



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**Annex B: Safety Components Specification
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Safety Component Description	Model / Manufacturer / Certificate data
Door Locking Device	<i>IL-32161-1/Ningbo Ouling Elevator Components Co., Ltd/LF/KSA/A-C-0093/16</i>
	<i>MKG-161-01/NBSL Elevator Components Co. Ltd/EU-DL 1021</i>
	<i>MKG-161-01(2S)/NBSL Elevator Components Co. Ltd/EU-DL 1042</i>
	<i>MKG-161-01(4CO)/NBSL Elevator Components Co. Ltd/EU-DL 1041</i>
	<i>KS209/C2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 763</i>
	<i>KS209/S2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 795</i>
	<i>MS209/C2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 1022</i>
	<i>MS209/S2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 1023</i>
	<i>XTA-3A/Hang-zhou Optimax Tech Co. Ltd. / SCMB.0110</i>
	Unintended Car Movement Protection Means(UCMP)
<i>DZD1-653/ Zhejiang XiziForvorda Electrical Machinery Co.,Ltd. / EU-BD 931</i>	
<i>FZD12A / Suzhou Torin Drive Equipment Co.,Ltd. / EU-BD 991</i>	
<i>FZD12C/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1032</i>	
<i>FZD14/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1033</i>	
<i>EMK9K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01</i>	
<i>EMK12K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01</i>	
<i>VED40/ Zhejiang Furder Drive Technology Co., Ltd./ SCMB.0036</i>	
<i>MEKB(2x710) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0143</i>	
<i>MEKB(2x850) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0143</i>	
<i>MCTC-SCB-A1/Suzhou Inovance Technology Co. Ltd./SCMB.0119</i>	
<i>MCTC-SCB-D/Suzhou Inovance Technology Co. Ltd./SCMB.0120</i>	
Ascending Car Overspeed Protection Means	
	<i>DZD1-653/ Zhejiang XiziForvorda Electrical Machinery Co.,Ltd. / EU-BD 931</i>
	<i>FZD12A / Suzhou Torin Drive Equipment Co.,Ltd. / EU-BD 991</i>
	<i>FZD12C/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1032</i>
	<i>FZD14/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1033</i>
	<i>EMK9K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01</i>
	<i>EMK12K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01</i>
	<i>VED40/ Zhejiang Furder Drive Technology Co., Ltd./ SCMB.0131</i>
	<i>MEKB(2x710) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0142</i>
	<i>MEKB(2x850) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0142</i>
Safety Circuits Containing Electronic Components	<i>MCTC-SCB-A1/Suzhou Inovance Technology Co. Ltd./SCMB.0119</i>
	<i>MCTC-SCB-D/Suzhou Inovance Technology Co. Ltd./SCMB.0120</i>



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