



ZEN ELEVATOR CO.,LTD.

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2025 PRODUCT MANUAL



MAIN PARTS AND MODERNIZATION
SOLUTIONS PROVIDER



COMPANY INTRODUCTION

ZEN ELEVATOR was inspired by the wisdom of the ZEN masters with more than 20 years professional industry experience , blending oriental philosophy with smart technology to create a seamless and harmonious vertical transportation experience.

The name ‘ZEN’ embodies its core values: ‘Z’ for Zenith, representing the brand’ s pursuit of excellence; ‘E’ for Equilibrium, symbolizing balance and smooth operation; and ‘N’ for Nirvana, reflecting the goal of peaceful ride. Rooted in simplicity, reliability, and innovation, ZEN Elevator redefines modern mobility, delivering technology that moves with both safety and peace.

ZEN ELEVATOR as the group elevator brand of leading OEM solution for the big brands with the comprehensive ability to provide the design and manufacture of complete elevator, escalator, moving walk as well as the main parts and modernization solutions.

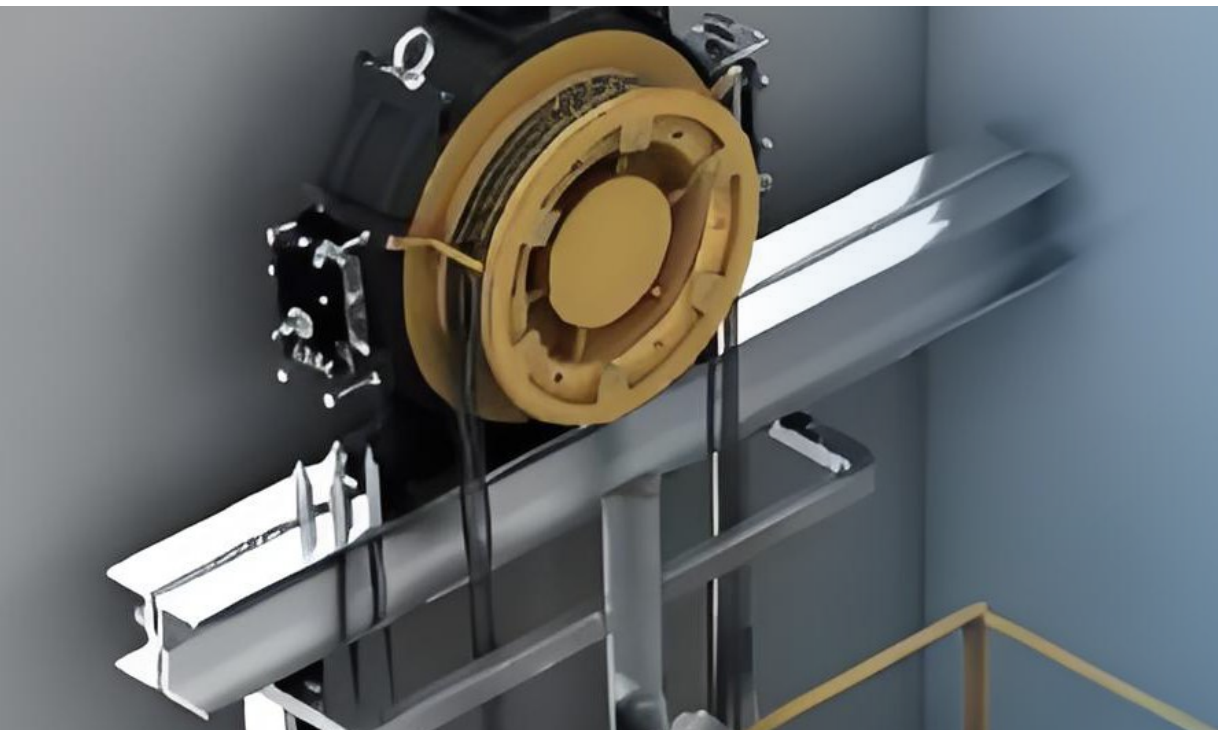
Product Contents

Traction Machine Series	P01/02
Traction Wheel and Guide Wheel Series	P03
Door Operator and Landing Door Device Series	P04
Light Curtain Series	P05
Guide Rail Series	P06
Roller Guide Shoes Series	P07
Steel Rope Series	P08
Rope Head Series	P08
Safety Parts Series	P09
Push Button And Board Series	P10
Elevator Modernization Solutions	P11/12
Step Series	P13/14
Pallet Series	P15
Comb Plate Series	P16/17
Escalator Handrail Series	P18

PARTNERS

ZEN ELEVATOR CO.,LTD.

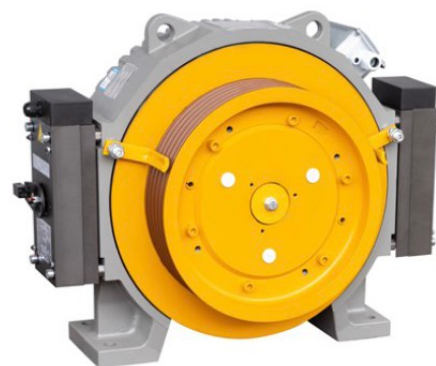




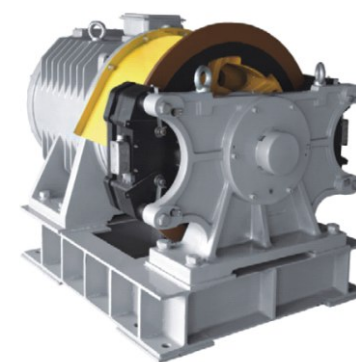
TRACTION MACHINE SERIES



BAR-SHAPED MACHINE



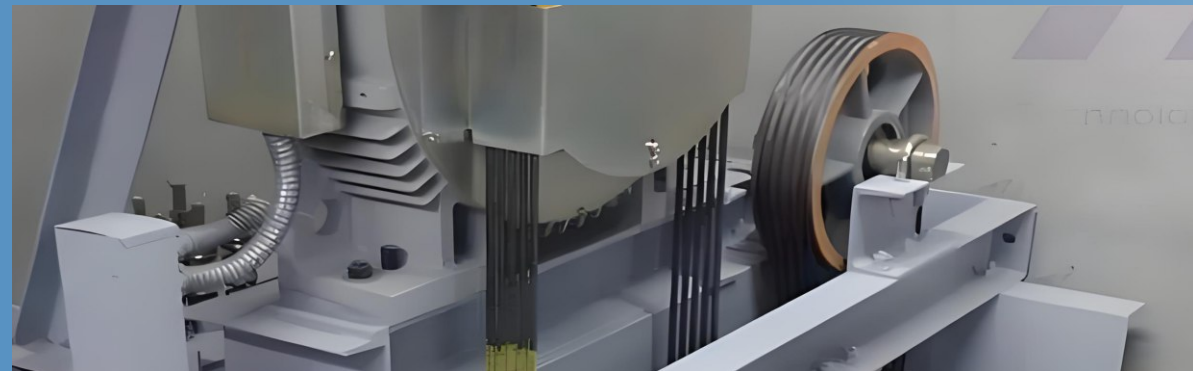
FOR GENERAL ELEVATORS



FOR HIGH-SPEED ELEVATORS



GEARD TRACTION MACHINE



TRACTION WHEEL AND GUIDE WHEEL SERIES



DOOR OPERATOR AND LANDING DOOR DEVICE SERIES



Center Opening PM Door Operator



Center Opening Landing Door Device



3-PANEL SIDE Opening Door Operator



4-PANEL Center Opening Door Operator

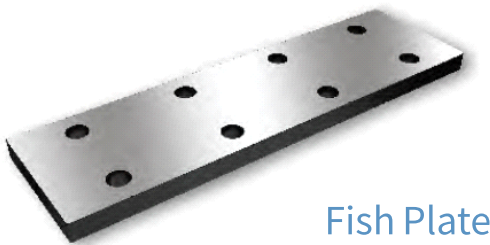


6-PANEL Center Opening Door Operator

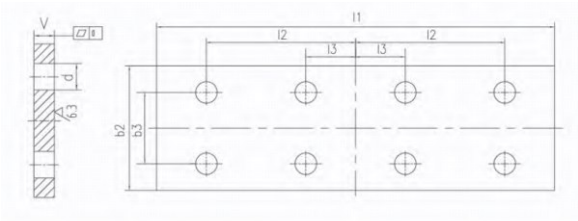
LIGHT CURTAIN SERIES



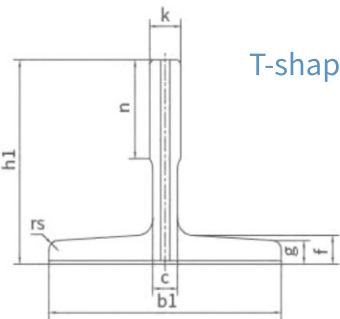
GUIDE RAIL SERIES



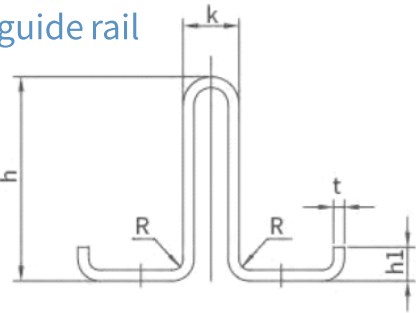
Fish Plate



Fish Plate							
	d	l1	l2	l3	b2	b3	v
	/	$\begin{smallmatrix} +3 \\ 0 \end{smallmatrix}$	± 0.2	± 0.2	/	± 0.2	$\begin{smallmatrix} +2 \\ 0 \end{smallmatrix}$
L45	9	160	65	15	50	25	8
L50	9	200	75	25	50	30	8
L75-3	13	240	90	30	75	43	8. 5
L75	13	250	105	25	70	42	10
L82	13	216	81	27	80	50. 8	10
L82-3	13	305	114.3	38. 1	80	50	13
L89	13	305	114.3	38. 1	90	57. 2	13
L114	17	305	114.3	38. 1	120	74	17
L127-2	17	305	114.3	38. 1	130	79. 4	18
L140-1	21	380	152.4	31. 8	140	92. 1	25
L140-3	21	380	152.4	31. 8	140	92. 1	30



T-shaped guide rail



hollow guide rail

Machined Guide Rail																			
	b	h	k	n	c	f	g	r _s	m	m ₁	u ₁	u ₂	d	d ₁	b ₁	l ₁	l ₂	h	
	±1.5	±0.75	^{+0.1} ₀	⁺³ ₀	/	±0.75	±0.75	/	^{+0.06} ₀	⁰ _{-0.06}	±0.1	±0.1	/	/	±0.2	±0.2	⁺³ ₀	±0.1	
T70-1/B	70	65	9	34	6	8	6	3	3	2.95	3.5	3	13	26	42	105	25	128	64
T70-4/B	70	65	9	30	6	7	5	3	2.5	2.47	3	3.5	13	26	42	105	25	138	64
T75/B	75	62	10	30	6	9	7	3	3	2.97	3.5	3	13	26	42	105	25	138	61
T75-3/B	75	62	10	30	8	9	7	3	3	2.95	3.5	3	13	26	43	90	30	123	61
T75-4/B	75	62	10	26	8	8	6	3	2.5	2.47	3	3.5	13	26	43	105	25	138	61
T78/B	78	56	10	26	6.5	8.5	6	2.5	3	2.97	3.5	3	13	26	42	105	25	138	55
T82/B	82.5	68.25	9	25.4	7	8.25	6	3	3	2.95	3.5	3	13	26	50.8	81	27	111	66.6
T82-1/B	82.5	62	9	25.4	7.5	8	6	3	3	2.95	3.5	3	13	26	50.8	81	27	111	61
T82-3/B	82	62	15.88	30	7	8.5	6	3	3	2.95	3.5	3	13	26	50	114.3	38.1	156	61
T82-4/B	82	62	10	28	8	9	7	3	2.5	2.47	3	3.5	13	26	50	81	27	111	61
T899/B	89	62	16	34	7	11.1	7.9	3	6.4	6.37	7.14	6.35	13	26	57.2	114.3	38.1	156	61
T89-1/B	89	62	15.88	33.4	10	9	7	3	4	3.97	4.5	4	13	26	57.2	114.3	38.1	156	61
T89-2/B	89	68	10	30	8	9	7	3	3	2.95	3.5	3	13	26	57.2	114.3	38.1	156	67
T90/B	90	75	16	42	8	10	8	4	6.4	6.37	7.14	6.35	13	26	57.2	114.3	38.1	156	74
T114/B	114	89	16	38	10	11	8	4	6.4	6.37	7.14	6.35	17	33	70	114.3	38.1	156	88
T125/B	125	82	16	42	9.5	12	8	4	6.4	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	81
T127-1/B	127	89	16	45	10	11	8	4	6.4	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	88
T127-2/B	127	89	16	51	10	15.9	12.7	5	6.4	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	88
T140-1/B	140	108	19	51	12.7	15.9	12.7	5	6.4	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	107
T140-2/B	140	102	28.6	51	17.5	17.5	14.5	5	6.4	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	101
T140-3/B	140	127	31.75	57	19	25.4	17.5	5	6.4	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	126

Hollow Guide Rail											
	k	h	h ₁	R	d	l	l ₁	b ₁	b	t	
	± 0.2	$\begin{smallmatrix} 0 \\ -0.5 \end{smallmatrix}$	± 1	/	/	± 0.3	± 0.5	± 0.5	$\begin{smallmatrix} 0 \\ -0.7 \end{smallmatrix}$	$\begin{smallmatrix} +0.2 \\ -0.15 \end{smallmatrix}$	
TK3A-2.3	16.4	60	10	3	11.5	50	45	78	2.3	2.3	
TK5A-3.2	16.4	60	10	3	11.5	50	45	78	3.2	3.2	
TK5A-3.0	16.4	60	10	3	11.5	50	45	78	3	3	
TK5A-2.75	16.4	60	10	3	11.5	50	45	78	2.75	2.75	
TK5A-3.2	16.4	60	10	3	14	180	44	78	3.2	3.2	

ROLLER GUIDE SHOES SERIES



FN-GDX-001(B)
(Φ 125)

Rated Speed	Allowable gross mass	Guide rail width
≤2.5m/s	≤1600kg	10mm、16mm



FN-GDX-001(D)
(Φ 125)

Rated Speed	Allowable gross mass	Guide rail width
≤2.5m/s	≤1600kg	10mm、16mm



FN-GDX-005
(Φ 82.3)

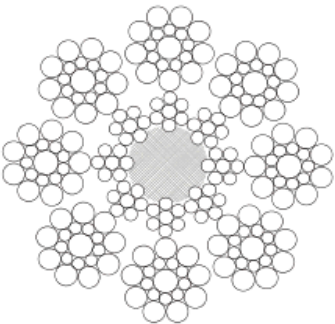
Rated installation position	Rated Speed	Allowable gross mass	Guide rail width
Cabin	≤1.5m/s	≤630kg	10mm、16mm
CW	≤2.5m/s	≤1600kg	10mm、16mm



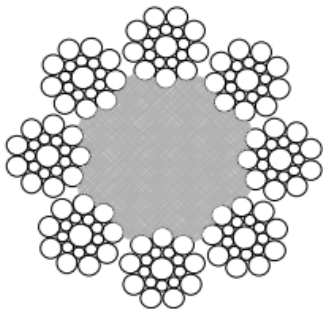
FN-GDX-007
(Φ 80)

Rated Speed	Allowable gross mass	Guide rail width
≤3.5m/s	≤2000kg	10mm、16mm

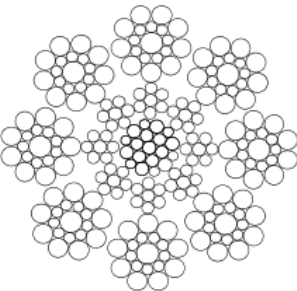
STEEL ROPE AND ROPE HEAD SERIES



8×19S-CSC



8×19S-FC



8×19S-IWRC

SAFETY PARTS SERIES



▶ GOVERNOR



▶ TENSION DEVICE



▶ SAFETY GEAR



▶ HYDRAULIC BUFFER

PUSH BUTTON AND BOARD SERIES



▶ Ma1707
MA1708



▶ BAMSS002-A
BAMSS002-B
BAMSS002-C



▶ Ma1707
MA1708



▶ BAMSC007-D
BAMSC007-E
BAMSC007-F



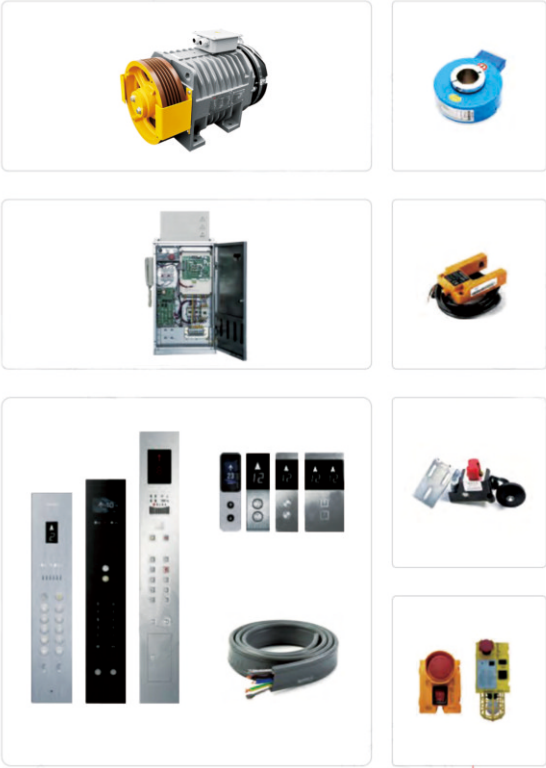
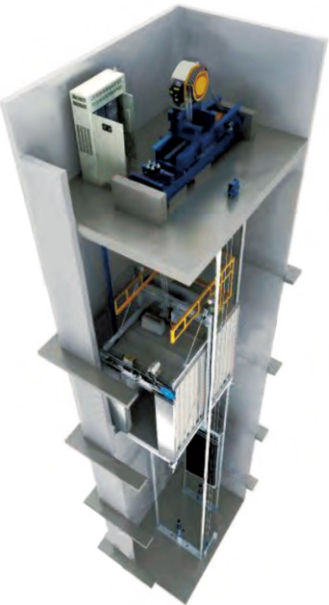
▶ BAMSC007-A
BAMSC007-B
BAMSC007-C



▶ BAMSS002-A
BAMSS002-B
BAMSS002-C



ELEVATOR MODERNIZATION SOLUTIONS





STEP SERIES



ZN-1000A



ZN-1000D

Model number	Name	Breadth	Profundity	Main shaft hole	High center of main shaft hole	Secondary axle center height
ZN-1000A	Step (all gray)ZH-1000B	1002mm	404mm	Φ33.5mm	108mm	303.5mm
ZN-1000B	Step (gray+sprayed yellow edge paint)	1002mm	404mm	Φ33.5mm	108mm	303.5mm
ZN-1000C	Step (black+sprayed yellow edge paint)	1002mm	404mm	Φ33.5mm	108mm	303.5mm
ZN-1000D	Step (gray+plastic border)	1002mm	404mm	Φ33.5mm	108mm	303.5mm
ZN-1000E	Step (black+plastic border)	1002mm	404mm	Φ33.5mm	108mm	303.5mm



ZN-800A



ZN-800D



ZN-600A



ZN-600B



ZN-600D

Model number	Breadth	Profundity	Main shaft hole	High center of main shaft hole	Secondary axle center height
ZN-800	802mm	404mm	Φ33.5mm	108mm	303.5mm
ZN-600	602mm	404mm	Φ33.5mm	108mm	303.5mm

PALLET SERIES



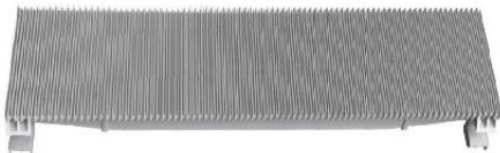
ZNJ2 133x1000 800Pallet



ZNOS 131x1000/ 800Pallet



ZNLS 133x1200 Pallet



ZNOS 400x1400/1200/1000 Pallet



ZNJ2 266x1000 Pallet



ZNJ2 266x800 Pallet



ZNSL 400x1200 Pallet



ZNSL 400x1600 Pallet



ZNRL 400x1400 Pallet

GOMB PLATE SERIES



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
4H7B5 R	199.4x181.36	9.068	145	22	Natural Color
4H8B0 L	199.4x181.36	9.068	145	22	Natural Color
4H7B9 R	199.4x181.36	9.068	145	22	Natural Color
4H8B2 L	199.4x181.36	9.068	145	22	Natural Color
4H2B3 R	199.4x181.36	9.068	145	22	Natural Color
4H2B4 L	199.4x181.36	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
8H3B9 R	199.4x181.42	9.068	145	22	Natural Color
8H3B8 L	205.4x181.42	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
8H4B5	199.5x128	9.068	145	22	Natural Color
4H4B4	205.4x128	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
6H0B9	199.4x107	9.068	145	22	Natural Color
4H2B0	202.9x107	9.068	145	22	Natural Color
4H2B1	202.9x107	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
4H1B6	199.5x154.3	9.068	145	22	Natural Color
4H1B7	205.5x154.3	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
2HB83	199.4x107	9.068	145	22	Natural Color
4H2B0Y	202.9x107	9.068	145	22	Natural Color
4H2B1Y	202.9x107	9.068	145	22	Natural Color
5H4H2	199.4x107	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
6H1B7	199.5x154.3	9.068	145	22	Natural Color
6H1B8	205.5x154.3	9.068	145	22	Natural Color

COMB PLATE SERIES



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
7H6B2	199.4x107	9.068	145	22	Black
4H2B0H	202.9x107	9.068	145	22	Black
4H2B1H	202.9x107	9.068	145	22	Black



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
2H3B5	205.4x201.1	9.068	145	22	Natural Color
2H3B6	199.4x201.1	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
3H5B3	205.4x177.3	9.068	145	22	Natural Color
3H5B4	199.4x177.3	9.068	145	22	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
2H3B5Y	232.5x201.1	9.068	165	25	Natural Color
2H3B6Y	217.5x201.1	9.068	160	24	Natural Color



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
4H4B0	205.4x180.8	9.068	145	22	Natural Color
4H4B1	199.4x180.8	9.068	145	22	Natural Color
4H4B2	205.4x180.8	9.068	145	22	Yellow
4H4B3	205.4x180.8	9.068	145	22	Black
4H4B4	199.4x180.8	9.068	145	22	Yellow
4H4B5	199.4x180.8	9.068	145	22	Black



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
4H5B0	232.5x180.8	9.068	145	25	Natural Color
4H5B1	217.5x180.8	9.068	145	24	Natural Color
4H5B2	232.5x180.8	9.068	145	25	Yellow
4H5B3	232.5x180.8	9.068	145	25	Black
4H5B4	217.5x180.8	9.068	145	24	Yellow
4H5B5	217.5x180.8	9.068	145	24	Black



identification	Specifications	Teeth space	Pitch-row	Number of tooth	Colour
OH0B0	212.5x191	8.5	71.25	25	Natural Color



ESCALATOR HANDRAIL SERIES

