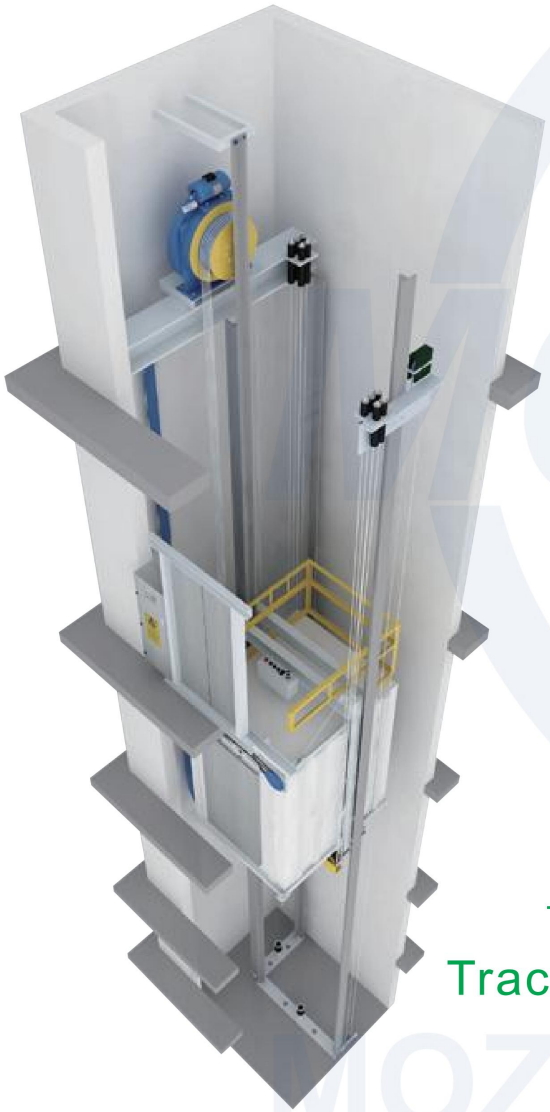
TRACTION SYSTEM



PART 2 ▶

Traction System

TRACTION SYSTEM

Traction Machine



MZT-TG-YJ140



MZT-TG-YJ200A



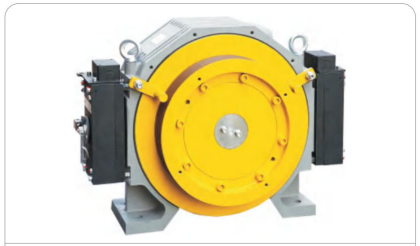
MZT-TG-YJ275A

Model	Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Sheave (mm)	Motor Power (kw)
MZT-TG-YJ140	400	0.5	51:1	Φ340	5xΦ8x12	3.5
	400	0.63	51:1	Φ425	4xΦ10x16	3.5
	400	1.0	51:2	Φ340	5xΦ8x12	4.5
	500	0.5	51:1	Φ340	6xΦ8x12	3.5
	500	0.63	51:1	Φ425	4xΦ10x16	4.5
	500	1.0	51:2	Φ340	6xΦ8x12	5.5
	500	1.5	41:2	Φ425	4xΦ10x16	7.5
MZT-TG-YJ200A	630	0.5	53:1	Φ530	4xΦ13x20	3.5
	630	1.0	75:2	Φ530	4xΦ13x20	5.5
	630	1.75	47:2	Φ530	4xΦ13x20	8.5
	630	2	61:3	Φ530	4xΦ13x20	11
	800	0.5	53:1	Φ530	5xΦ13x20	5.5
	800	1	75:2	Φ530	5xΦ13x20	8.5
	800	1.75	47:2	Φ530	5xΦ13x20	11
	800	2	61:3	Φ530	5xΦ13x20	11
	1000	0.5	53:1	Φ530	5xΦ13x20	5.5
	1000	1	75:2	Φ530	5xΦ13x20	8.5
	1000	1.75	47:2	Φ530	5xΦ13x20	15
	1000	2	61:2	Φ530	6xΦ13x20	15
MZT-TG-YJ275A	1150	1	59:2	Φ650	6xΦ13x20	11
	1150	1.6	59:2	Φ650	8xΦ13x20	18.5
	1250	1.0	59:2	Φ650	6xΦ13x20	15
	1250	1.6	59:2	Φ650	8xΦ13x20	22
	1350	1	59:2	Φ650	6xΦ13x20	15
	1350	1.6	59:2	Φ650	8xΦ13x20	22
	1600	1	59:2	Φ650	8xΦ13x20	18.5
	1600	1.6	59:2	Φ650	8xΦ13x20	26

MOZITOR ELEVATOR

TRACTION SYSTEM

Traction Machine



MZT-TG-W7A



MZT-TG-W9S

Model	Load (kg)	Lift Speed (m/s)	Height (m)	Sheave Diam(mm)	Rope Sheave (mm)	Current (A)	Frequency (Hz)	Power (kW)
MZT-TG-W7A	320	1	≤80	Φ325	3xΦ8x12	6.3	31.5	2.5
	320	1.5	≤80	Φ325	3xΦ8x12	8.9	47.2	3.7
	320	1.6	≤80	Φ325	3xΦ8x12	8.9	50.4	4
	320	1.75	≤80	Φ325	3xΦ8x12	9.4	54.9	4.3
	450	1	≤80	Φ325	4xΦ8x12	8.3	31.5	3.3
	450	1.5	≤80	Φ325	4xΦ8x12	11.7	47.2	4.9
	450	1.6	≤80	Φ325	4xΦ8x12	11.7	50.4	5.2
	450	1.75	≤80	Φ325	4xΦ8x12	12.5	54.9	5.7
	550	0.63	≤80	Φ325	5xΦ8x12	5.6	19.7	2.2
	550	0.75	≤80	Φ325	5xΦ8x12	8.1	23.5	2.7
	550	1	≤80	Φ325	5xΦ8x12	8.1	31.5	3.6
	550	1.5	≤80	Φ325	5xΦ8x12	12.2	47.2	5.4
	550	1.6	≤80	Φ325	5xΦ8x12	12.2	50.4	5.7
	550	1.75	≤80	Φ325	5xΦ8x12	13.2	54.9	6.3
	630	0.63	≤80	Φ325	5xΦ8x12	6.3	19.7	2.5
	630	0.75	≤80	Φ325	5xΦ8x12	9	23.5	3
	630	1	≤80	Φ325	5xΦ8x12	9	31.5	4
	630	1.5	≤80	Φ325	5xΦ8x12	13.6	47.2	6
	630	1.6	≤80	Φ325	5xΦ8x12	13.6	50.4	6.4
	630	1.75	≤80	Φ325	5xΦ8x12	14.8	54.9	7
MZT-TG-W7A	630	1	≤80	Φ400	4xΦ10x16	9.7	25.6	4.2
	630	1.5	≤80	Φ400	4xΦ10x16	14.9	38.4	6.3
	630	1.6	≤80	Φ400	4xΦ10x16	14.9	40.8	6.7
	630	1.75	≤80	Φ400	4xΦ10x16	15.9	44.5	7.3
	630	2	≤80	Φ400	4xΦ10x16	18.3	51.2	8.4
	800	1	≤80	Φ400	5xΦ10x16	12.1	25.6	5.3
	800	1.5	≤80	Φ400	5xΦ10x16	18.8	38.4	8
	800	1.6	≤80	Φ400	5xΦ10x16	18.8	40.8	8.5
	800	1.75	≤80	Φ400	5xΦ10x16	20.7	44.5	9.3
	800	2	≤80	Φ400	5xΦ10x16	23.2	51.2	10.7
	1000	1	≤80	Φ400	5xΦ10x16	14.7	25.6	6.5
	1000	1.5	≤80	Φ400	5xΦ10x16	22.9	38.4	9.8
	1000	1.6	≤80	Φ400	5xΦ10x16	22.9	40.8	10.4
	1000	1.75	≤80	Φ400	5xΦ10x16	25.1	44.5	11.4
	1000	2	≤80	Φ400	5xΦ10x16	28.2	51.2	13.1
	1150	1	≤80	Φ340	8xΦ8x12	17.2	29.9	7.6
	1150	1.5	≤80	Φ340	8xΦ8x12	26.3	44.8	11.4
	1150	1.6	≤80	Φ340	8xΦ8x12	26.3	48	12.3
	1150	1.75	≤80	Φ340	8xΦ8x12	29	52.8	13.5
	1150	2	≤80	Φ340	8xΦ8x12	33.1	60	15.3

TRACTION SYSTEM

Traction Machine



MZT-MG-MCK100



MZT-MG-MCK200



MZT-MG-MCK300

Model	Load (kg)	Elv Speed (m/s)	Sheave Diam (mm)	Sheave Groove	Current A	Power kw	Freq HZ
MZT-MG-MCK100	320	0.5	320	3xΦ8x12	3	1.1	10.0
	320	0.63	320	3xΦ8x12	3	1.4	12.5
	320	1	320	3xΦ8x12	5	2.2	19.8
	320	1.5	320	3xΦ8x12	8	3.4	29.8
	450	0.5	320	4xΦ8x12	5	1.6	10.0
	450	0.63	320	4xΦ8x12	5	2	12.5
	450	1.0	320	4xΦ8x12	7	3.1	19.8
	450	1.5	320	4xΦ8x12	11	4.7	29.8
	630	0.5	320	5xΦ8x12	7	2.1	10.0
	630	0.63	320	5xΦ8x12	7	2.7	12.5
	630	1.0	320	5xΦ8x12	10	4.2	19.8
	630	1.5	320	5xΦ8x12	16	6.4	29.8
	630	1.6	320	5xΦ8x12	16	6.8	31.8
	630	1.75	320	5xΦ8x12	16	7.4	34.8
MZT-MG-MCK200	630	1.0	400	4xΦ10x15	10	4.3	25.3
	630	1.5	400	4xΦ10x15	16	6.4	38.1
	800	1.0	400	5xΦ10x15	12	5.4	25.3
	800	1.5	400	5xΦ10x15	20	8.1	38.1
	1000	1.0	400	5xΦ10x15	15	6.7	25.3
	1000	1.5	400	5xΦ10x15	26	10.0	38.1
	1150	1.0	400	5xΦ10x15	17	7.8	25.3
	1150	1.5	400	6xΦ10x15	29	11.7	38.1
MZT-MG-MCK300	1250	1.0	400	6xΦ10x15	20	8.5	25.3
	1250	1.5	400	6xΦ10x15	34	12.7	38.1
	1350	1.0	400	7xΦ10x15	21	9.2	25.3
	1350	1.5	400	7xΦ10x15	36	13.8	38.1
	1600	1.0	400	7xΦ10x15	26	11.0	25.3
	1600	1.5	400	8xΦ10x15	41	16.6	38.1

Guiding System
Traction System
Car System
Door System
Safety Protectiom System
Electrical Control System
Accessories

Traction Machine



MZT-CG-YJF120



MZT-CG-YJF140



MZT-CG-YJF160

Model	Load(kg) Roping 1:1	Speed (m/s)	Wire Rope (mm)	Main Sheave&Pitch (mm)	Motor Specification Power (kw)	Motor Specification Current S(A)
MZT-CG-YJF120	320	0.5	Φ8*3	Φ325-14	2.2	5
	320	0.72	Φ10*3	Φ400-16	3.5	8.5
	320	1.0	Φ10*4	Φ400-16	3.5	8.5
	400	0.5	Φ8*4	Φ320-14	3.5	8.5
	400	0.72	Φ10*4	Φ400-16	4.5	9.5
	400	1.0	Φ10*4	Φ400-16	4.5	9.5
	450	0.5	Φ8*4	Φ325-14	4.5	9.5
	450	0.72	Φ10*4	Φ400-16	5.5	12
	450	1.0	Φ10*4	Φ400-16	5.5	12
	500	0.5	Φ10*4	Φ450-16	5.5	12
MZT-CG-YJF140	630	0.5	Φ10*4	Φ400-16	5.5	12.5
	700	1.0	Φ10*5	Φ480-16	6.4	13.8
	800	0.5	Φ10*5	Φ400-16	6.4	13.8
	630	1.0	Φ10*5	Φ480-16	6.4	13.8
	500	1.5	Φ12*4	Φ500-18	7.5	15.2
MZT-CG-YJF160	800	0.5	Φ12*5	Φ480-18	6.4	13
	800	1.0	Φ13*4	Φ520-20	7.5	16
	630	1.5	Φ13*4	Φ520-20	9	21.8

Traction Machine



MZT-MDQ-20HXS



MZT-MDX-26HXS



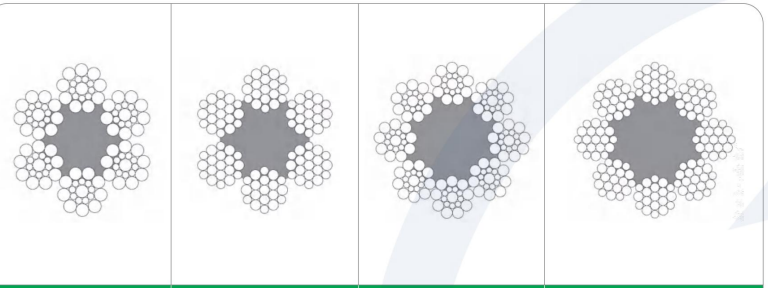
MZT-MDX-26S

型 号 Model 曳引比 Roping	额定载重 Load	额定速度 Speed	曳引轮 Sheave 曳引轮直径 Diam.	运行参数 - Operating Data 绳槽 Ropes	槽距 Pitch	额定转矩 Torque	额定功率 Power	额定转速 RPM	额定电压 AC220V 额定电流 Current	额定电压 AC380V 额定电流 Current	额定频率 Freq.
	kg	m/s	mm	max n°x Ø	mm	Nm	kW	RPM	A	A	Hz
MZT-MDQ-20HXS 2:1	320	0,40	200	3xØ8	12	110	0,9	76	7,3	4,1	10,2
	400	0,40	200	3xØ8	12	135	1,1	76	8,7	5,0	10,2
MZT-MDX-26HXS 2:1	320	0,40	200	3xØ8	12	110	0,9	76	7,3	4,1	10,2
	400	0,40	200	3xØ8	12	135	1,1	76	8,7	5,0	10,2

型 号 Model 曳引比 Roping	额定载重 Load	额定速度 Speed	曳引轮 Sheave 曳引轮直径 Diam.	运行参数 - Operating Data 额定转矩 Torque	额定功率 Power	额定频率 Freq.	额定转速 RPM	额定电压 AC220V 额定电流 Current	额定电压 AC380V 额定电流 Current	曳引轮 Sheave
	kg	m/s	mm	Nm	kW	Hz	RPM	A	A	
MZT-MDX-26S 2:1	450	0,50	320	240	1,5	8	60	13,8	7,8	320-4-8-12
		0,63			1,9	10	75	13,8	10,6	
		1,0			3,0	15,9	119	18,3	10,6	
MZT-MDX-26M 2:1	630	0,50	320	336	2,1	8	60	17,1	10,5	320-5-8-12
		0,63			2,6	10	75	17,1	10,5	
		1,0			4,2	15,9	119	23,6	11,2	
		1,5			6,3	23,9	179	30,6	16,1	
MZT-MDX-26ML 2:1	800	0,50	320	427	2,7	8	60	27,4	12,5	320-6-8-12
		0,63			3,4	10	75	27,4	12,5	
		1,0			5,3	15,9	119	29,8	12,5	
		1,5			8,0	23,9	179	NONE	17,0	
		1,75			9,3	27,9	209		20,7	
	1000	0,50	320	534	3,3	8	60	34,3	17,5	320-7-8-12
		0,63			4,2	10	75	34,3	17,5	
		1,0			6,7	15,9	119	37,3	17,5	
		1,5			10,0	23,9	179		24,0	
		1,75			11,7	27,9	209	NONE	26,9	
		2,0			13,3	31,8	239		34,3	

MOZITOR ELEVATOR

Steel Ropes



MZT-6x19S+FC	MZT-6x19W+FC	MZT-8x19S+NF	MZT-8x19W+NF
Diameter(mm)	Diameter(mm)	Diameter(mm)	Diameter(mm)
6	7		
6.5	7.5		
8	9	8	9
10	11	10	11
11	12	11	12
12	13	12	13
13	14	13	14
16	17	16	17

Rope Attachment



MZT-RA-01



MZT-RA-02



MZT-RA-03

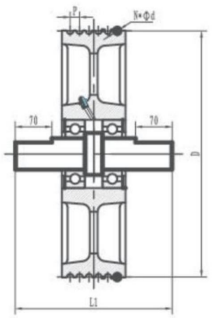
Deflector Sheave



MC Nylon



Cast Iron



Model	Diameter	Shaft Length	Number of Slots	Rope	Slot Pitch	Model	Diameter	Shaft Length	Number of Slots	Rope	Slot Pitch
	D	L1	N	d	p		D	L1	N	d	p
MZT-240-01			2	6.5	10	MZT-440-01			3	10	15
MZT-240-02	ϕ240		3	6.5	10	MZT-440-02			3	10	16
MZT-240-03			4	6.5	10	MZT-440-03			4	8	12
MZT-240-04			5	6.5	10	MZT-440-04			4	8	13
MZT-320-01			3	8	12	MZT-440-05			4	10	15
MZT-320-02			3	8	13	MZT-440-06			4	10	16
MZT-320-03			4	8	12	MZT-440-07			5	8	12
MZT-320-04			4	8	13	MZT-440-08	ϕ440		5	8	13
MZT-320-05			5	8	12	MZT-440-09			5	10	15
MZT-320-06	ϕ320		5	8	13	MZT-440-10			5	10	16
MZT-320-07			6	8	12	MZT-440-11			6	8	12
MZT-320-08			6	8	13	MZT-440-12			6	8	13
MZT-320-09			7	8	12	MZT-440-13			6	10	15
MZT-320-10			7	8	13	MZT-440-14			6	10	16
MZT-320-11			8	8	12	MZT-440-15			7	8	12
MZT-320-12			8	8	13	MZT-440-16			7	8	13
MZT-360-01			3	8	12	MZT-480-01			3	10	15
MZT-360-02			3	9	13	MZT-480-02			3	10	16
MZT-360-03			4	8	12	MZT-480-03			4	8	12
MZT-360-04			4	9	13	MZT-480-04			4	8	13
MZT-360-05			5	8	12	MZT-480-05			4	10	15
MZT-360-06	ϕ360		5	9	13	MZT-480-06			4	10	16
MZT-360-07			6	8	12	MZT-480-07			5	8	12
MZT-360-08			6	9	13	MZT-480-08	ϕ480		5	8	13
MZT-360-09			7	8	12	MZT-480-09			5	10	15
MZT-360-10		300	7	9	13	MZT-480-10		300	5	10	16
MZT-360-11			8	8	12	MZT-480-11			6	8	12
MZT-360-12			8	9	13	MZT-480-12			6	8	13
MZT-400-01			3	8	12	MZT-480-13			6	10	15
MZT-400-02			3	8	13	MZT-480-14			6	10	16
MZT-400-03			3	10	15	MZT-480-15			7	8	12
MZT-400-04			3	10	16	MZT-480-16			7	8	13
MZT-400-05			4	8	12	MZT-520-01			3	13	20
MZT-400-06			4	8	13	MZT-520-02			4	10	15
MZT-400-07			4	10	15	MZT-520-03			4	10	16
MZT-400-08			4	10	16	MZT-520-05			4	13	20
MZT-400-09			5	8	12	MZT-520-06			5	10	15
MZT-400-10	ϕ400		5	8	13	MZT-520-07			5	10	16
MZT-400-11			5	10	15	MZT-520-08			5	13	20
MZT-400-12			5	10	16	MZT-520-09	ϕ520		6	10	15
MZT-400-13			6	8	12	MZT-520-10			6	10	16
MZT-400-14			6	8	13	MZT-520-11			6	13	20
MZT-400-15			6	10	15	MZT-520-12			7	10	15
MZT-400-16			6	10	16	MZT-520-13			7	10	16
MZT-400-17			7	8	12	MZT-520-14			8	13	20
MZT-400-18			7	8	13	MZT-520-15			10	10	15
MZT-400-19			7	10	15	MZT-520-16			10	10	16
MZT-400-20			7	10	16	MZT-640-01			5	16	25
MZT-400-21			8	8	12	MZT-640-02	ϕ640		6	13	20
MZT-400-23			8	10	15	MZT-640-03			6	16	25
MZT-400-25			9	8	12	MZT-640-04			7	13	20