

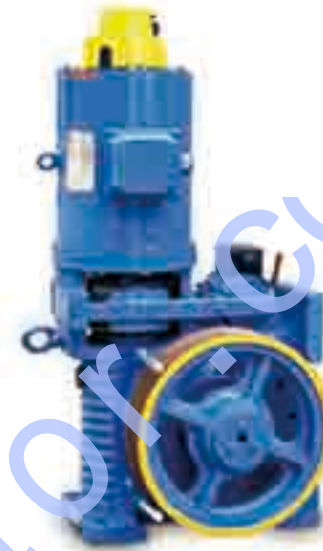


PART 2 ▶

Traction System

➤ Traction Machine

MZT-TG-YJ140



Max. Static Load	2800kg
Control	VVVF
Brake	DC110V, 1A
Weight	285kg

Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Sheave	Motor Power (kW)
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



Max. Static Load	6000kg
Control	VVVF
Brake	DC110V, 1.5A
Weight	580kg

Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Sheave	Motor Power (kW)
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

➤ Traction Machine

MZT-TG-YJ275A



Max. Static Load	9000kg
Control	VVVF
Brake	DC110V, 2A
Weight	910kg

Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Sheave (mm)	Motor Power (kW)
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

MZT-TG-YJ320A



Max. Static Load	12500kg
Control	VVVF
Brake	DC110V, 2A
Weight	1450kg

Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Sheave (mm)	Motor Power (kW)
2000	0.5	69.1	Φ700	8xΦ16x25	11
2000	1	69.2	Φ700	8xΦ16x25	18.5
2000	1.5	69.2	Φ700	8xΦ16x25	26
2000	1.75	61.2	Φ700	8xΦ16x25	30
2000	2	82.3	Φ700	8xΦ16x25	37
2500	0.5	69.1	Φ700	8xΦ16x25	15
2500	1	69.2	Φ700	8xΦ16x25	22
2500	1.5	69.2	Φ700	8xΦ16x25	30
2500	1.75	61.2	Φ700	8xΦ16x25	37

MZT-TG-W7



Suspension	2:1
Brake	DC110V 2*0.84A
Weight	205kg
Max. Static Load	2000kg

Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Top Sheave (mm)	Guide	Hoists	Power (kW)
320	0.5	≤80	Φ325	3xΦ8x12	3.1	9.8	1.3
320	1.0	≤80	Φ325	3xΦ8x12	5.8	19.6	2.5
320	1.5	≤80	Φ325	3xΦ8x12	9.2	29.5	3.7
320	1.6	≤80	Φ325	3xΦ8x12	9.2	31.5	4
320	1.75	≤80	Φ325	3xΦ8x12	9.9	34.3	4.3
450	0.5	≤80	Φ325	4xΦ8x12	4.1	9.8	1.6
450	1.0	≤80	Φ325	4xΦ8x12	7.9	19.6	3.3
450	1.5	≤80	Φ325	4xΦ8x12	12.2	29.5	4.9
450	1.6	≤80	Φ325	4xΦ8x12	12.2	31.5	5.3
450	1.75	≤80	Φ325	4xΦ8x12	13.1	34.3	5.7
550	0.5	≤80	Φ325	5xΦ8x12	6.4	9.8	1.8
550	0.6	≤80	Φ325	5xΦ8x12	6.4	12.3	2.3
550	0.75	≤80	Φ325	5xΦ8x12	9.3	14.6	2.7
550	1.0	≤80	Φ325	5xΦ8x12	9.3	19.6	3.6
630	0.5	≤80	Φ325	5xΦ8x12	7.1	9.8	2.0
630	0.63	≤80	Φ325	5xΦ8x12	7.1	12.3	2.5
630	0.75	≤80	Φ325	5xΦ8x12	10.3	14.6	3.0
630	1.0	≤80	Φ325	5xΦ8x12	10.3	19.6	4.0

MZT-TG-W9



Suspension	2:1
Brake	DC110V 2*0.88A
Weight	350kg
Max. Static Load	3000kg

Load (kg)	Lift Speed (m/s)	Ratio	Sheave Diam (mm)	Top Sheave (mm)	Guide	Hoists	Power (kW)
630	1.0	≤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	2.0	≤80	Φ400	4xΦ10x16	18.3	51.2	8.4
800	1.0	≤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	2.0	≤80	Φ400	5xΦ10x16	23.2	51.2	10.7
1000	1.0	≤80	Φ400	5xΦ10x16	14.6	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	24.8	44.5	11.4
1000	2.0	≤80	Φ400	5xΦ10x16	27.7	51.2	13.1
1150	1.0	≤80	Φ340	8xΦ8x12	17.1	29.9	7.6
1150	1.5	≤80	Φ340	8xΦ8x12	26.2	44.8	11.4
1150	1.6	≤80	Φ340	8xΦ8x12	26.2	48.0	12.3
1150	1.75	≤80	Φ340	8xΦ8x12	28.9	52.8	13.5
1150	2.0	≤80	Φ340	8xΦ8x12	33	60.0	15.3

➤ Traction Machine

MZT-MG-MONA200A



Load (kg)	Eff. Speed (m/s)	Sheave Diam (mm)	Sheave Groove	Current (A)	Power (kW)	Freq (Hz)
320	0.4	200	3xΦ8x12	2	0.9	15.2
320	0.4	240	3xΦ8x12	3	0.9	12.8
320	0.4	200	4xΦ8x12	3	0.9	7.6
400	0.4	200	4xΦ8x12	3	1.1	15.2
400	0.4	240	4xΦ8x12	3	1.1	12.8
400	0.4	200	5xΦ8x12	4	1.1	7.6
450	0.4	200	4xΦ8x12	3	1.2	15.2
450	0.4	240	4xΦ8x12	4	1.2	12.8

MZT-MG-MCK200



Load (kg)	Eff. Speed (m/s)	Sheave Diam (mm)	Sheave Groove	Current (A)	Power (kW)	Freq (Hz)
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	20	11.7	38.1

MZT-MG-MCK100



Load (kg)	Eff. Speed (m/s)	Sheave Diam (mm)	Sheave Groove	Current (A)	Power (kW)	Freq (Hz)
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

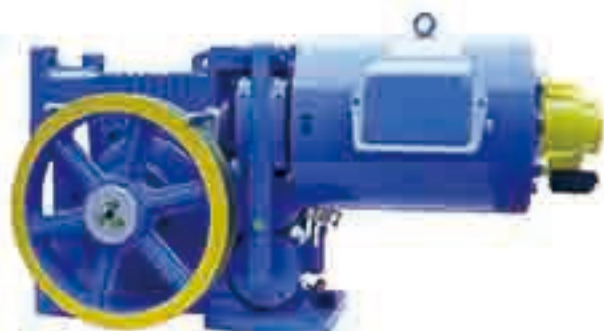
MZT-MG-MCK300



Load (kg)	Eff. Speed (m/s)	Sheave Diam (mm)	Sheave Groove	Current (A)	Power (kW)	Freq (Hz)
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	13.6	38.1
1600	1.0	400	7xΦ10x15	26	11.0	25.3
1600	1.5	400	8xΦ10x15	41	16.6	38.1

➤ Traction Machine

MZT-CG-YJF120



Lifting Capacity (kg)	Speed (m/s)	Wire Rope (mm)	Main Sheave (D ₁ mm)	Motor Specification		
				Power (kW)	Current (A)	Pole
320	0.5	Φ8*3	Φ325-14	2.2	5	
320	0.72	Φ10*3	Φ400-16			
320	1.0	Φ10*4	Φ400-16	3.5	8.5	
400	0.5	Φ8*4	Φ320-14			
400	0.72	Φ10*4	Φ400-16			
400	1.0	Φ10*4	Φ400-16	4.5	9.5	
450	0.5	Φ8*4	Φ325-14			
450	0.72	Φ10*4	Φ400-16			
450	1.0	Φ10*4	Φ400-16	5.5	12	
500	0.5	Φ10*4	Φ450-16			

MZT-SG-YJ135



Lifting Capacity (kg)	Speed (m/s)	Ratio	Main Sheave (D ₁ mm)	Motor Specification		
				Power (kW)	Current (A)	Pole
400	0.63			3	7.9	6
630	0.63			4	12.6	6
400	0.7			3	7.5	4
400	1.0	37:1	Φ480-Φ10*4-16	4	8.6	4
500	1.0			5.5	11.3	4
630	1.0			6.4	13	4
630	0.88			5.5	11.3	4
408	1.0			4	8.6	4
544	1.0	37:1	Φ520-Φ13*3-20	5.5	11.3	4
630	1.0			6.4	13	4

MZT-CG-YJF140



Lifting Capacity (kg)	Speed (m/s)	Wire Rope (mm)	Main Sheave (D ₁ mm)	Motor Specification		
				Power (kW)	Current (A)	Pole
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*6	Φ480-16	6.4	13.8	
500	1.5	Φ12*4	Φ500-16	7.5	15.2	

MZT-SG-YJ150K



Lifting Capacity (kg)	Speed (m/s)	Ratio	Main Sheave (D ₁ mm)	Motor Specification		
				Power (kW)	Current (A)	Pole
500	0.3	62:1		3	7.2	6
500	0.4	49:1	Φ385-Φ9*4-16	3	7.2	6
500	0.5	49:1		4	9.4	6
500	1.0	49:2		5.5	12.6	6
630	0.5	49:1	Φ485-Φ10*4-16	4	9.4	6
630	1.0	49:2		6.4	15	6

➤ Steel Ropes



MZT-6x18S+FC	MZT-6x19A+FC	MZT-8x19S+NF	MZT-8x19V+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



➤ Deflector Sheave



Model	Diameter	Aperture	Rope
MZT-240-A	Φ240	Φ25	Φ8*2-20
			Φ8*3-14
MZT-320-A	Φ320	Φ35	Φ8*2-20
			Φ8*3-14
			Φ8*4-14
			Φ10*3-16
MZT-400-A	Φ400	Φ50	Φ10*4-16
			Φ10*5-16
			Φ10*6-16
			Φ12*3-18
MZT-520-A	Φ520	Φ55	Φ12*4-18
			Φ12*5-18



Model	Diameter	Aperture	Rope
MZT-240-B	Φ240	Φ25	Φ8*2-20
			Φ8*3-14
MZT-320-B	Φ320	Φ35	Φ8*2-20
			Φ8*3-14
			Φ8*4-14
			Φ10*3-16
MZT-400-B	Φ400	Φ50	Φ10*4-16
			Φ10*5-16
			Φ10*6-16
			Φ12*3-18
MZT-520-B	Φ520	Φ55	Φ12*4-18
			Φ12*5-18