

ZAmoD Gear

Packages with steel wire ropes for the modernization of geared elevators

Up above 1:1 suspension	320 kg	450 kg	630 kg	1000 kg
Nominal speed	1,0 m/s			
Car weight	540 - 1200 kg	630 - 1130kg	750 - 1740 kg	1180 - 2200 kg
Counterweight	40 - 50 %			
Rope distance	490 - 850 mm		600 - 1200 mm	600 - 1340 mm
Number of ropes	3	5	7	10
Traction sheave diameter.	400 mm			
Motor	ZAsyn2 SM500.12-B	ZAsyn2 SM500.16-B	ZAtop SM210.70B	ZAtop SM250.60B
Frame	ZAframe MH3000A		ZAframe MH6000B	
Frequency inverter	ZAdyn 4CS011		ZAdyn 4CS023	

Scope of delivery

Motor incl. mechanical brake with a hand release system

ZAsyn2 with microswitches
ZAtop with proximity switch

Frequency inverter

ZAdyn frequency inverter, pre-parameterized and ZAmoD STICK

Frame

Including deflection roller and insulation elements
Rope distance adjustable

Cables

Motor, encoder and control cables

Ropes and accessories

Steel ropes 10 mm, rope sockets, rope clips,
eye bolt with thimble



Your contact

ZAmoD Gear

Packages with plastic-coated ropes for the modernization of geared elevators

Up above 1:1 suspension	320 kg	450 kg	630 kg	630 kg
Nominal speed	0,5 - 1,0 m/s	0,5 - 1,0 m/s	0,5 - 0,8 m/s	1,0 m/s
Car weight	300 - 800 kg	450 - 850 kg	450 - 940 kg	450 - 940 kg
Counterweight	40 - 50 %			
Rope distance	420 - 1100 mm			
Number of ropes	4	5	6	6
Traction sheave diameter	120 mm	120 mm	160 mm	160 mm
Motor	ZAtop SM132.21/BS	ZAtop SM132.35/BS	ZAtop SM200.23D	
Frame	ZAframe MK2850B			
Frequency inverter	ZAdyn 4CS011			ZAdyn 4CS013

Scope of delivery

Motor incl. mechanical brake with a hand release system

With proximity switch

Frequency inverter

ZAdyn frequency inverter, pre-parameterized and ZAmoD STICK

Frame

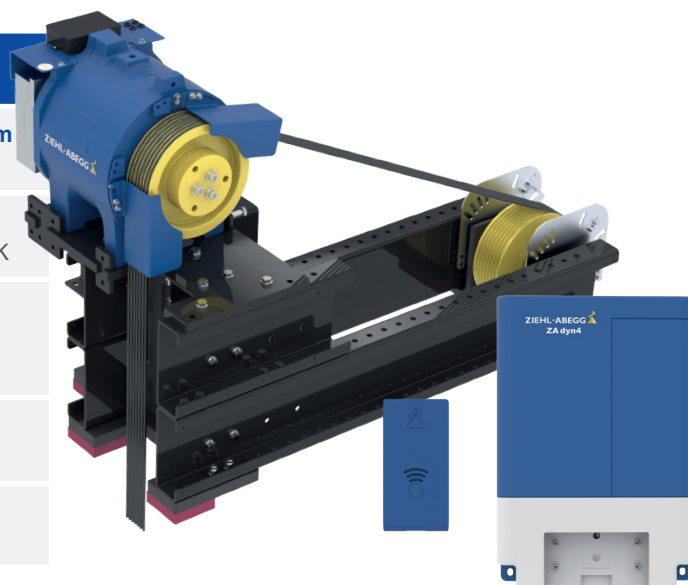
Including deflection roller and insulation elements
Rope distance adjustable

Cables

Motor, encoder and control cables

Ropes and accessories

Plastic-coated ropes 8.1 mm, rope sockets, rope clips



Your contact

ZAmoD DISC

Modernization packages for KONE EcoDisc® in combination with new control systems

Motor type	Frequency inverter*	Retrofit kit	Load weighing device
MX05	ZAdyn4CS	DISCcontrol	recommended
MX06	ZAdyn4CS	DISCcontrol	recommended
MX10	ZAdyn4CS	DISCcontrol	recommended
MX18	ZAdyn4CS	DISCcontrol-18	not required
MX20	ZAdyn4CS	DISCcontrol-20	required

*For exact inverter assignment, see next page

Scope of delivery

DISCcontrol	Incremental encoder, Magnets for detecting the rotor position, Adhesive and template for magnet mounting
DISCcontrol-18	Absolute encoder with mounting kit
DISCcontrol-20	DISCcontrol + adaption rail

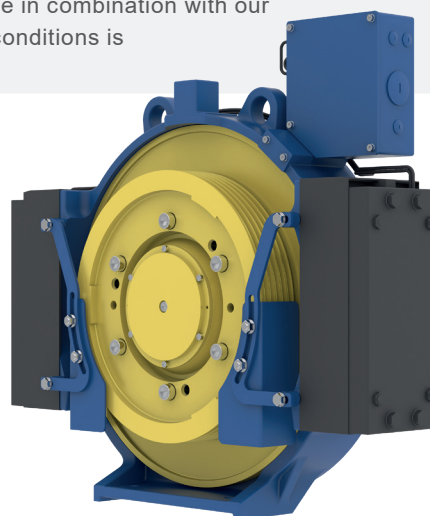


Load weighing device

Information about the current load in the cabin helps to improve travel comfort in all modernization packages and is essential in combination with MX20. When selecting the load weighing device in combination with our modernization packages, it is important to ensure that information about load conditions is transmitted via CANopen-Lift.

Suitable motor

In addition to replacing the electronics, ZIEHL-ABEGG also offers the modernization of the elevator motor. For further information, please contact us!



Your contact

ZAmoD DISC

Assignment of frequency inverters

Motor type	Rated motor current*	Frequency inverter	Retrofit kit	Load weighing device	Package name
MX05 MX05/10	9,0 A	ZAdyn4CS 011	DISCcontrol	recommended	ZAmoD MBMX05-11
MX06 MX06/10 MX06/10AEU	11,0 A	ZAdyn4CS 013	DISCcontrol	recommended	ZAmoD MBMX06-13
MX10	16,0 A 17,9 A	ZAdyn4CS 023	DISCcontrol	recommended	ZAmoD MBMX10-23
	23,0 A	ZAdyn4CS 032	DISCcontrol	recommended	ZAmoD MBMX10-32
MX10AEU MX10/10 MX10/10EU	16,0 A	ZAdyn4CS 023	DISCcontrol	recommended	ZAmoD MBMX10-23
MX10/16	32,8 A 33,4 A	ZAdyn4CS 040	DISCcontrol	recommended	ZAmoD MBMX10-40
MX10/20	40,3 A	ZAdyn4CS 050	DISCcontrol	recommended	ZAmoD MBMX10-50
MX18	25,0 A 29,6 A	ZAdyn4CS 032	DISCcontrol-18	not required	ZAmoD MBMX18-32
	45,1 A	ZAdyn4CS 050	DISCcontrol-18	not required	ZAmoD MBMX18-50
	57,2 A	ZAdyn4CS 062	DISCcontrol-18	not required	ZAmoD MBMX18-62
	72,1 A	ZAdyn4CS 074	DISCcontrol-18	not required	ZAmoD MBMX18-74
MX18L	26,5 A 26,8 A	ZAdyn4CS 032	DISCcontrol-18	not required	ZAmoD MBMX18-32
	47,7 A	ZAdyn4CS 050	DISCcontrol-18	not required	ZAmoD MBMX18-50
MX18R	12,9 A	ZAdyn4CS 017	DISCcontrol-18	not required	ZAmoD MBMX18-17
	26,1 A	ZAdyn4CS 032	DISCcontrol-18	not required	ZAmoD MBMX18-32
	32,7 A	ZAdyn4CS 040	DISCcontrol-18	not required	ZAmoD MBMX18-40
	45,1 A	ZAdyn4CS 050	DISCcontrol-18	not required	ZAmoD MBMX18-50
	78,3 A	ZAdyn4CS 074	DISCcontrol-18	not required	ZAmoD MBMX18-74
MX18R Q2	33,3 A	ZAdyn4CS 040	DISCcontrol-18	not required	ZAmoD MBMX18-40
	39,9 A	ZAdyn4CS 050	DISCcontrol-18	not required	ZAmoD MBMX18-50
MX20L	33,0 A	ZAdyn4CS 040	DISCcontrol-20	required	ZAmoD MBMX20-40
MX20FL	67,8 A	ZAdyn4CS 074	DISCcontrol-20	required	ZAmoD MBMX20-74

*Examples of known motors. Please check the motor nameplate before ordering.

Your contact