

actuation



actuation *easymotion*

easymotion can be operated using a manual crank or electric motor (230V or 12V). It's your choice: Comfortable adjustment by electric motor or 100% independent of electricity. The ideal solution for your application.

bis
up to
44
mm/sec

electric motor			
	Motor 1 (230V AC) M1	Motor 2 (12V DC) M2	Motor 3 (230V AC) M3
max weight	600 kg	250 kg	400 kg
max speed	17,3 mm/sec	17,3 mm/sec	44 mm/sec
control system	S1	S1	ST1, ST2
current consumption at max weight	7A	11A	9A
RPM	65 1/min	65 1/min	165 1/min
max torque	10 Nm	7 Nm	5 Nm
input voltage	230V AC	12-14V DC	230V AC
w x h x d	13 x 10 x 18,5 cm	13 x 10 x 18,5 cm	13 x 10 x 18,5 cm

Crank
- hinged
- radius: 125 mm



K1

Actuation speed:

The actuation speed varies according to the type of cylinder and if a system operates with double oil quantity or not. In case of powered activation, the choice of the motor influences the adjustment speed of the system, too. Dependent on that, you will get the maximum stroke load per system (please pay also attention on the maximum load of each cylinder).

	model 1		model 2		model 1		model 2	
	single		single		double*		double*	
	max speed	max weight	max speed	max weight	max speed	max weight	max speed	max weight
Motor 1 (230V AC) M1	8,7 mm/sec	400 kg	5,8 mm/sec	600 kg	17,3 mm/sec	200 kg	11,6 mm/sec	250 kg
Motor 2 (12V DC) M2	8,7 mm/sec	150 kg	5,8 mm/sec	300 kg	17,3 mm/sec	100 kg	11,6 mm/sec	150 kg
Motor 3 (230V AC) M3	22 mm/sec	300 kg	14,7 mm/sec	400 kg	44 mm/sec	150 kg	29,3 mm/sec	200 kg
Kurbel I Crank K1	6 mm/U mm/rev.	250 kg	4 mm/U mm/rev.	300 kg	12 mm/U mm/rev.	150 kg	8 mm/U mm/rev.	200 kg

* With the double system, max. 2 adjustment cylinders can be moved.

Integrated safety feature if overloaded or short circuited, CE-Certification

control systems



control system for electric motor

If easymotion will be activated by an electric motor, you need a control system with which you can operate the electric motor. The choice of the control system depends on the choice of the motor and the required function.

SET 1 (for M1, M2)



S1



AC-FER



AC-FUP

SET 1 (for M1, M2)

Control System S1

- up/down function
- digital display of height in centimetre
- 8 memory positions
- w x h x d: 7 x 3,5 x 14 cm

Power supply

- (Included in M1)
- also available for 110 V
- w x h x d: 13 x 5,5 x 3,5 cm

Accessories for SET 1

IR-Remote control

- up/down function
- max 8 memory positions
- 7m reach
- w x h x d: 3,5 x 1,5 x 5,5 cm

Foot pedal

- up/down function

SET 2 (for M3)

Control system ST1:

- up/down function
- w x h x d: 6,5x2x5 cm

Control system ST2:

- up/down function
- digital display of height in centimetre
- 4 memory positions
- w x h x d: 13x1x11 cm

Power supply

- (Included in M3)
- w x h x d: 10,5 x 6 x 20 cm

Accessories for SET 2

IR-Remote control

- up/down function
- max 4 memory positions
- operation of max. 16 systems
- w x h x d: 3,5 x 1,5 x 5,5 cm

Moulding to protect against squashing

Avoids to get shut in an application. In case of low pressure, the system moves back.

Splitting cable

Connect several controm systems to your system (e. g. ST1 and remote control)

ST1



ST2



AC-FER1



AC-QS



AC-SK200



SET 2 (for M3)