

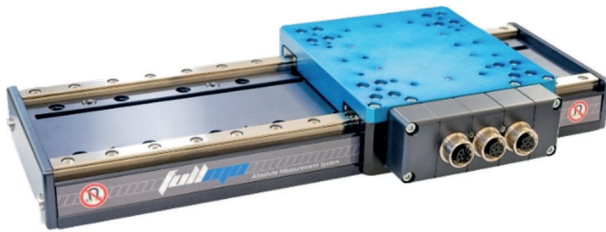
MovingCap flatTRACK
MovingCap FATtrack
Linear Direct Drives
Absolute Positioning. Robust. Safe.

MovingCap flatTRACK / FATtrack

Proven technology – newly rolled out

MovingCap flatTRACK / MovingCap FATtrack, our linear direct drive for applications in production, series, and special-purpose machines.

The compact design, high accuracy, dynamics and service life are complemented by easy commissioning.



 python™
TCP/IP
EtherCat

Linear direct drive
MovingCap flatTRACK / FATtrack
with integrated control electronics
and TCP/IP interface

Key Features:

- Integrated motor controller
- Integrated absolute encoder measuring system
- Ironless linear motor
- TCP/IP communication interface
- Programming functionality
- Integrated web server with commissioning interface
- Digital inputs
- Digital outputs
- Various operating modes according to CiA DS402
- LED status display according to CiA DS303
- Construction in robust metal housing
- M12 connector terminals in sealed industrial standard design
- Python command interpreter for customerspecific application and motion profiles

Die flatTRACK Basis Varianten

Typ	Track	Force range	Overall length
flatTRACK 100	100mm	35-100N	225mm
flatTRACK 195	195mm	35-100N	322mm
flatTRACK 290	290mm	35-100N	415mm
flatTRACK 485	485mm	35-100N	610mm
flatTRACK 585	585mm	35-100N	710mm
flatTRACK 650	650mm	35-100N	778mm
flatTRACK 1325	1325mm	35-100N	1450mm

Die FATtrack Basis Variante

Typ	Track	Force range	Overall length
FATtrack 200	200mm	70-200N*	335mm

*dependent on variant and supply voltage

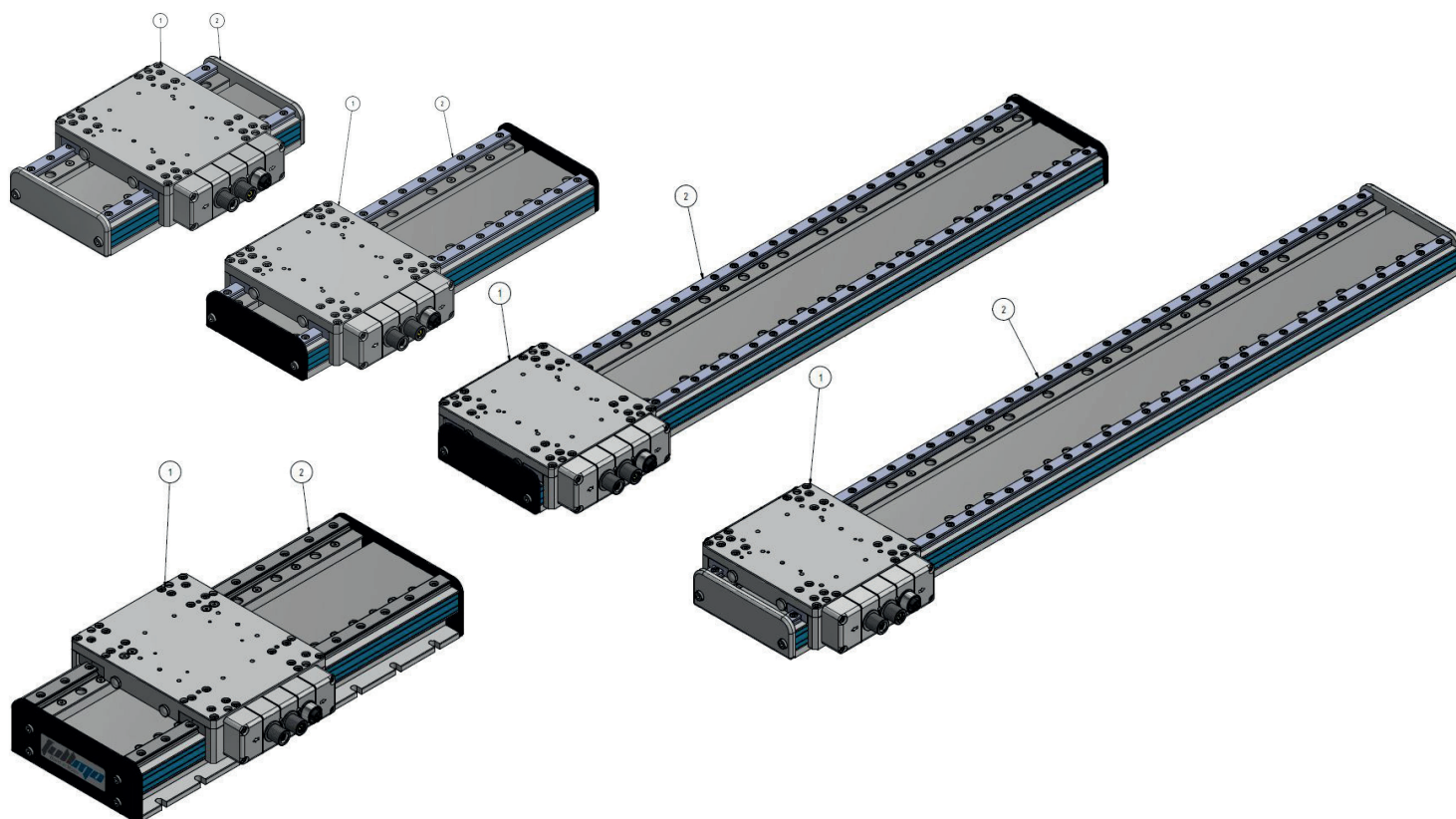
Motor Data:

Typ		flatTRACK	FATtrack
Rated voltage (motor):	Vdc	24-72	24-72
Rated voltage (logic)	Vdc	24	24
Nominal force	N	30	60
Top power	N	45 – 100*	90 – 200*
Rated current	A	2	3
Peak current	A	4-8*	5-10*
Encoder resolution	µm	0,4	0,4
Repeatability encoder	µm	1,2	1,2
Protection class		IP40	IP40
Perm. ambient temperature	°C	0...+60	0...+60
Weight	kg	x,xx	x,xx

*dependent on variant and supply voltage

Dimensions MovingCap flatTRACK:

- ① Slide base: 118 x 110mm (LxW)
- ② Guide profile: 225 - 786mm x 100mm (LxW)
Height: 41mm (H)



Dimensions MovingCap FATtrack:

- ① Slide base: 148 x 118mm (LxW)
- ② Guide profile: 335 x 130mm (LxB)
Height: 61 mm (H)



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