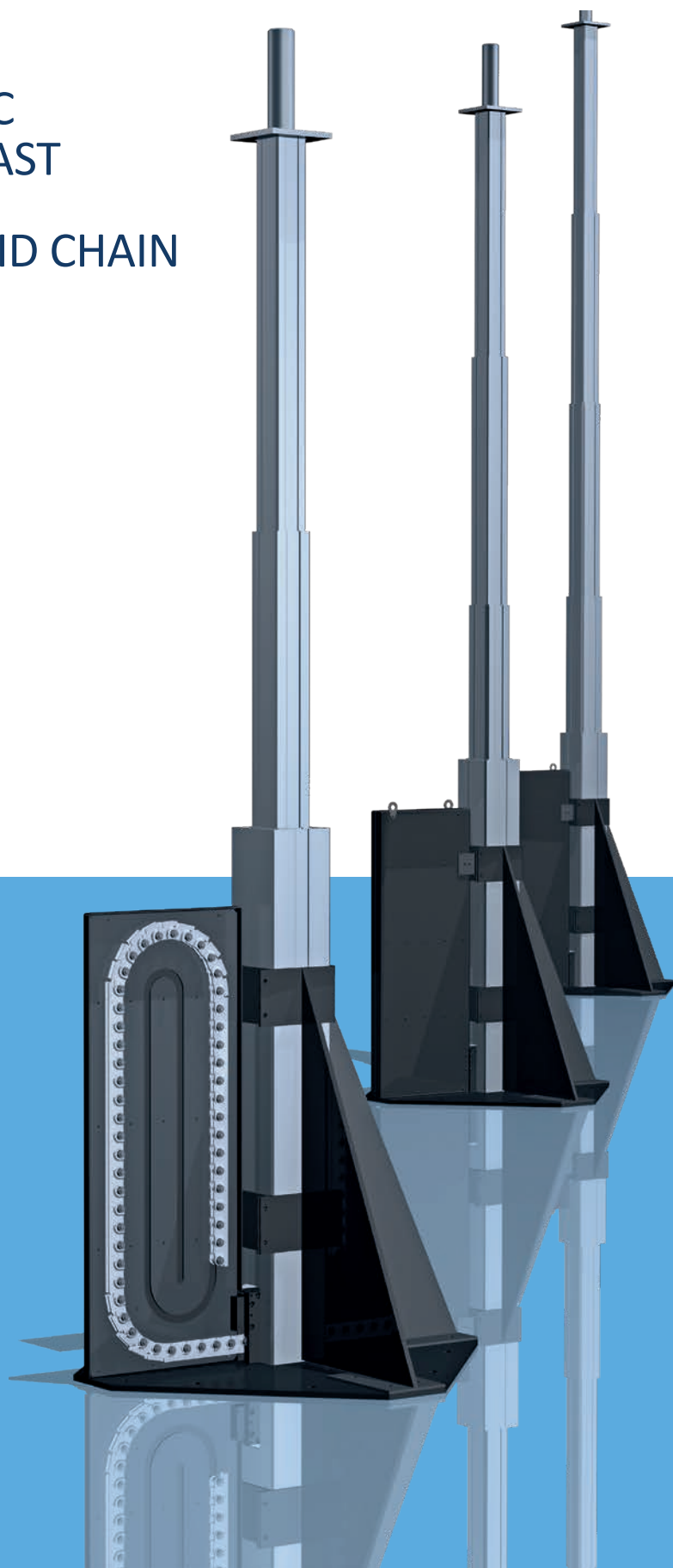


Telescopic Mast

SERAPID
RIGID CHAIN TECHNOLOGY

AXIS  **STUIFMEEL**
DRIVEN BY MOTION

TELESCOPIC
LIFTING MAST
POWERED
BY THE RIGID CHAIN



Telescopic Mast rises above all others

Telescopic lifting mast with Rigid Chain Technology

Features (single mast)

max. payload	500 kg
max. lifting height	12 m
max. speed	15 m/min
repetitive accuracy	± 1 mm
pitch of chain	40 mm

Benefits

- self-guided telescopic lifting column
- maintains position with no drift
- high stability
- includes top interface plate and base mounting brackets
- motor with single or double brake acc. to applicable norm
- electric drive
- rugged design, small footprint, easy relocation
- various options available



Tuned and tailored to your application – just ask SERAPID ...

Telescopic Mast configuration	extended height	retracted height	stroke distance	standard payload	maximum payload	standard speed	intermediate speed	maximum speed
Example 1	6 m	1.5 m	4.5 m	100 kg	500 kg	50 mm/s	150 mm/s	250 mm/s
Example 2	9 m	2 m	7 m	100 kg	300 kg	50 mm/s	150 mm/s	250 mm/s
Example 3	12 m	3 m	9 m	100 kg	200 kg	50 mm/s	150 mm/s	250 mm/s
Triple Mast	depending on model			200 kg	1000 kg	50 mm/s	150 mm/s	250 mm/s

Power requirements: 400 V AC three-phase (standard). Other AC/DC power supply, single-phase or three-phase, hydraulic or pneumatic drives available on request.
Temperature ranges: standard operation between -10°C and +40°C, -40°C / +70°C possible on request

SERAPID is a provider of horizontal and vertical motion systems for stage and venue engineering. Our technology, the rigid chain actuator, is widely used in lifting platforms, stage wagons, variable auditoria and lighting rigs.

Our telescopic lifting mast is designed for the deployment of stage equipment such as lighting trusses or speaker racks. On the outside, the Telescopic Masts consist of a

set of shaft segments that are nested inside each other. In the centre a rigid chain drives the segments upwards one after the other and so extends them to form a mast capable of lifting loads up to several hundred kilograms. Stabilised by the mast structure, the chain allows high positioning accuracy and maintains static positions over indefinite periods. A range of options and accessories are available for various applications.

Representative:



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