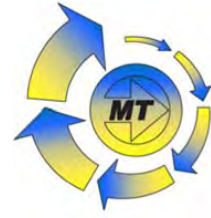
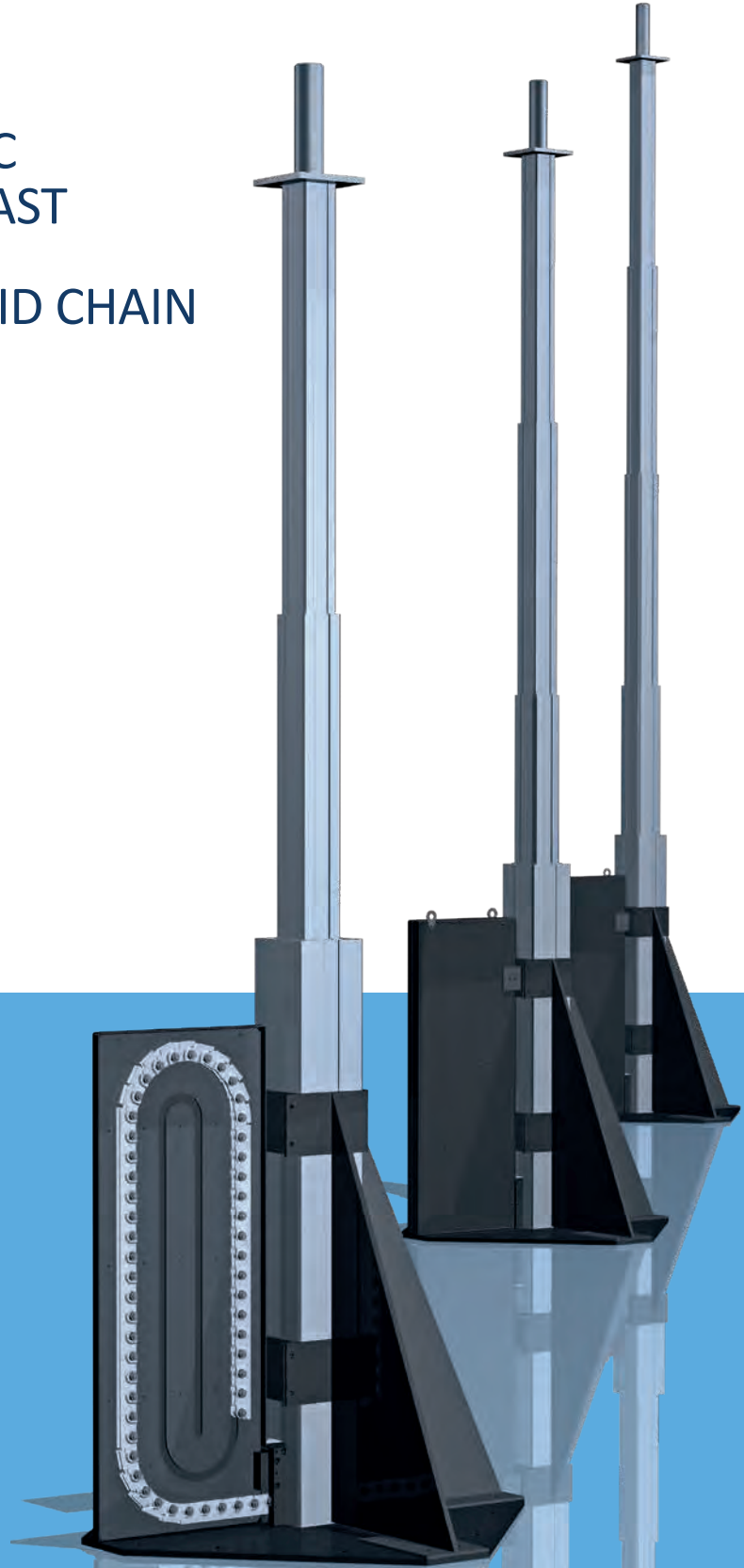


# Telescopic Mast

**SERAPID**  
RIGID CHAIN TECHNOLOGY



TELESCOPIC  
LIFTING MAST  
POWERED  
BY THE RIGID CHAIN



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# 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.

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.

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

Representative:



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