



PaR offers a variety of telescoping timed mast design options, built to fit the needs of your unique application. We offer several options for recoverability to improve the quality and safety of your remote handling operations.

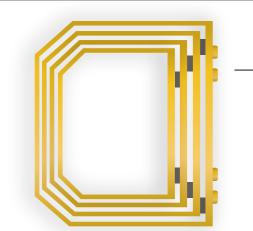


ROUND MAST For Shorter Reach

SQUARE MAST Longer Reach Applications D MAST Longer Reach and Higher Stiffness Requirements TENSILE TRUSS<sup>™</sup> Maximum Travel Capacity \*

### VARIABLE MAST COMBINATIONS FLEXIBLE TO FIT YOUR NEEDS

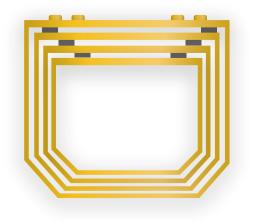
- Variable length of moving tubes
- Variable number of moving tubes
- Variable materials of tubes
- Variable diameter and sizes of tubes



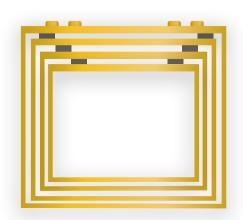
## IT'S A GAME CHANGER

PaR's patented back plate design allows access to internals for easy repair or decontamination without full disassembly, reducing your maintenance time.

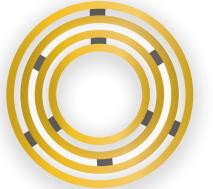
## VARIETY OF MAST DESIGNS OPTIONS



D MAST



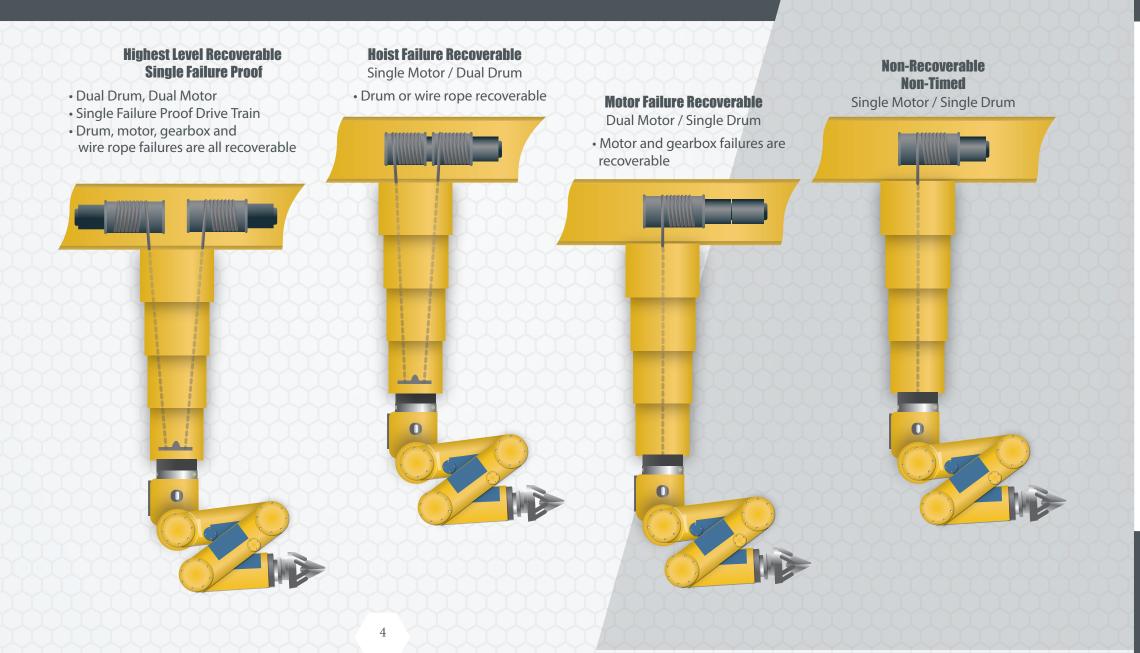
SQUARE MAST



ROUND MAST

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# PaR offers different mast hoist configurations to fit your unique needs.



PaR's unique timed mast design eliminates your risk of a catastrophic failure that can occur with a non-timed mast. Our patented design allows the mast to extend evenly and in a controlled manner, unlike non-timed masts, which can become bound and then free-fall, breaking the wire rope.

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**Unique Timed Mast Design Non-Timed Mast** Variable Length 0 Weight capacity is typically between 1000 lbs. and 4000 lbs. 453 kg. and 1814 kg. Variable Weight Capacity

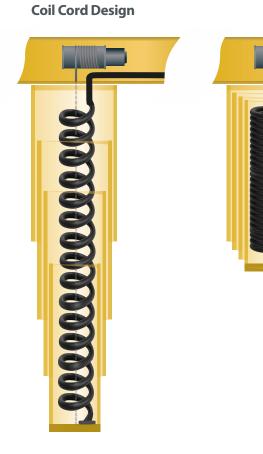
**HOIST CAPACITY** 

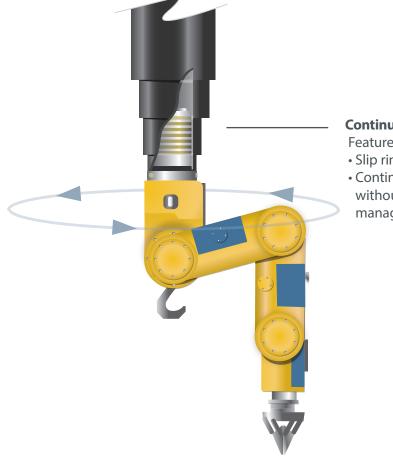
## **Coil Cord Design and Continuous Rotation**

Many different tools can be mounted to the end of the telescoping mast, not just a manipulator arm. Some examples of tools below:







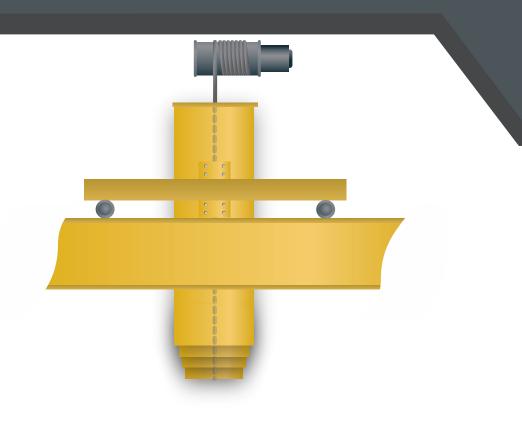


**Continuous Rotation** Features:

- Slip rings
- Continuous rotation without cable management issues

#### LOW HEADROOM CONFIGURATION

The design of our telescoping mast can be customized even for low ceiling height applications such as certain hot cell environments. PaR can deliver a tailored solution to for your unique needs no matter what your environment restrictions might be.







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