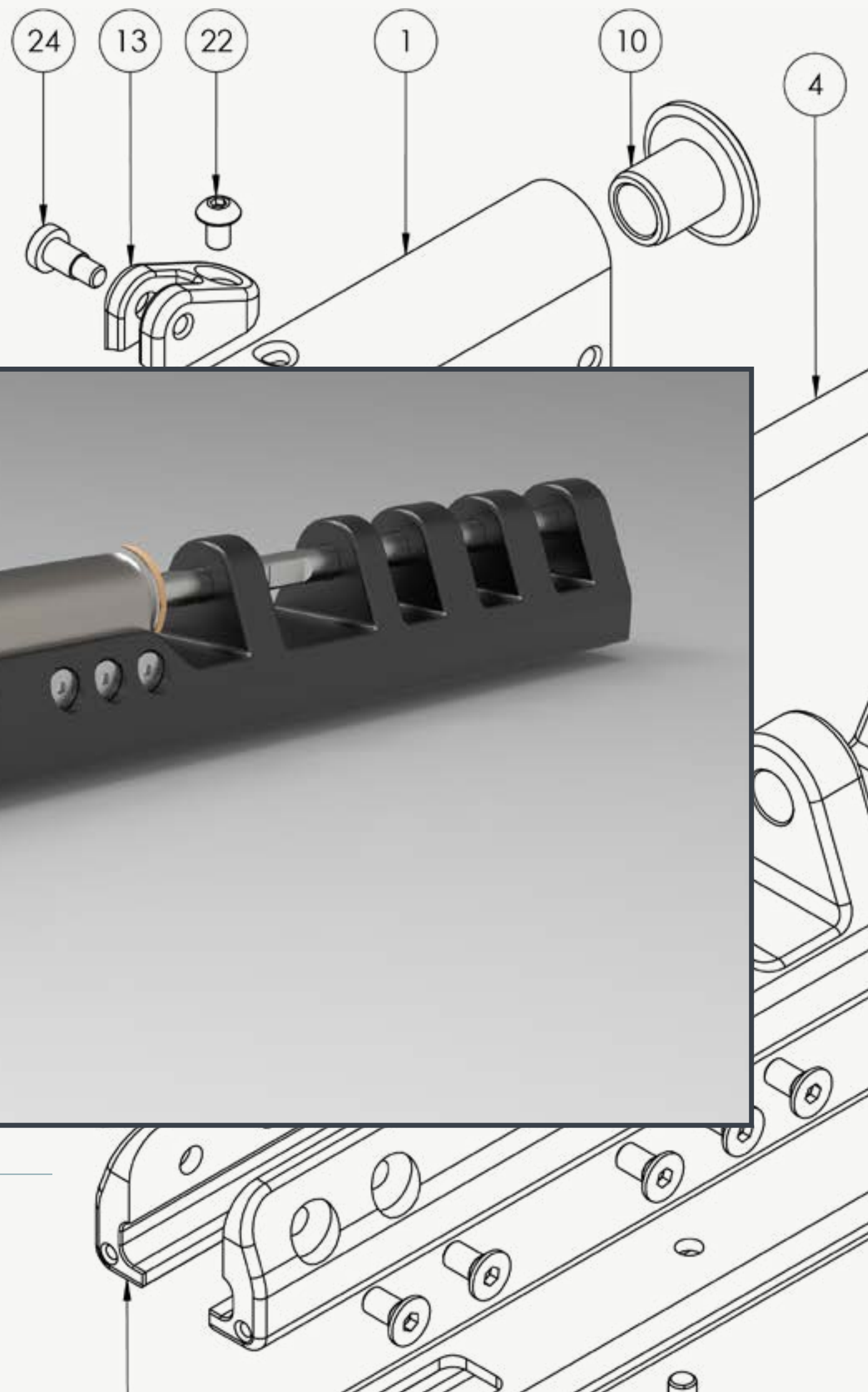


LOCKING HEADBOARD CAR





Textile
Packages

Bespoke
Consultation

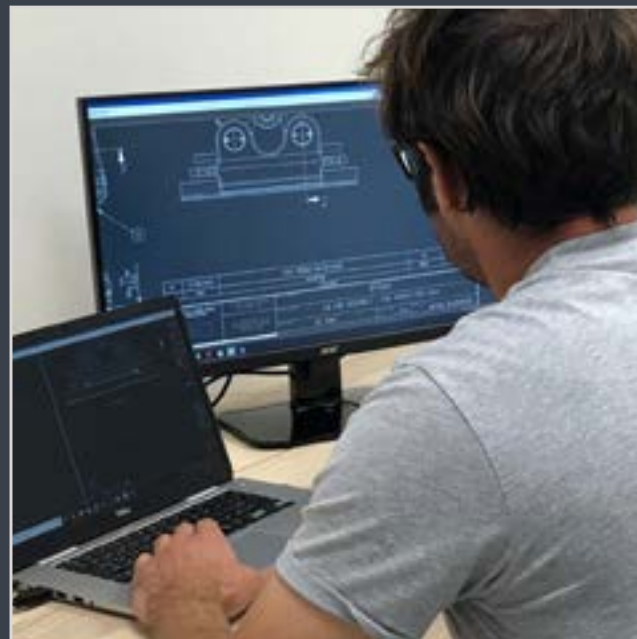
Custom
Hardware

Onsite
Services

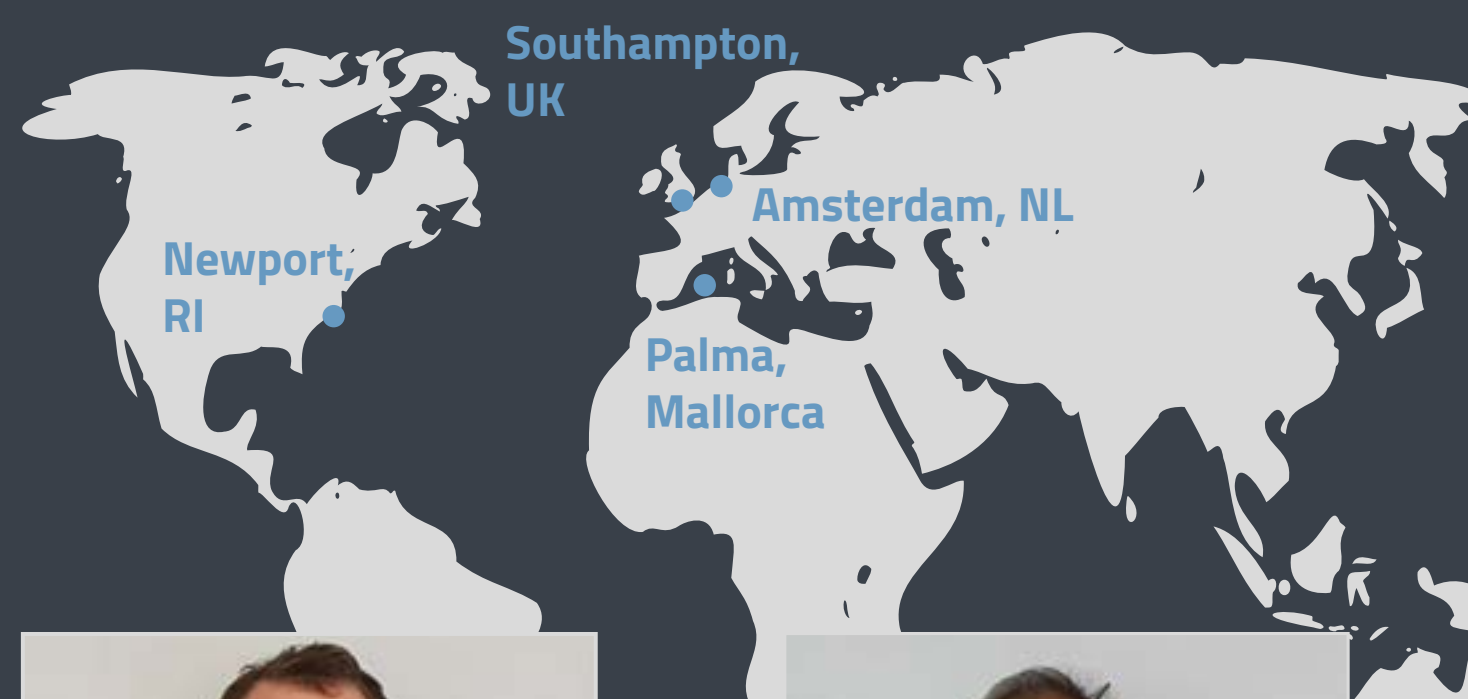
Who Are We

Rigging Projects Group is a multifaceted business, established in 2014, focused on supplying world class sail handling solutions from design through to integration and life-time service.

Our people are our strength. From design to production, our 25 strong team boasts a host of different nationalities and backgrounds. Diversity is key to our success, and we have everything from school graduates to ex. F1 designers to America's Cup sailors.



Our Team



Nick Black

- Partner

A qualified naval architect, specialising in the field of composite rig design and advanced mechanical engineering. Before joining Rigging Projects in 2015, Nick worked with Future Fibres as Team Design Leader, managing both performance multi & mono-hull mast and rigging projects from inception through to sea-trial. Previous to this he ran and project managed multiple offshore race programs specialising in deck and systems design.



Tobias Hochreutener

- Partner

The founder of Rigging Projects, Tobias, worked as Technical Sales Manager for many years at one of the largest pioneering rigging manufacturers before setting out to create an independent and unbiased rigging business in 2014. He is involved with leading race teams, from the America's Cup to the Maxi circuit, as well as sailing on super yachts and single handed racing. Tobias is vastly experience on both sides of the sales and purchasing transaction.



Scott Gray

- Partner

Scott is our running rigging specialist now heading up our Netherlands office. Beginning his career as a composite mast builder at Southern Spars, he then worked with 3 Volvo Ocean Race teams, including 2012 winner Groupama. In the 2014/15 edition of the race he supplied running rigging to the entire fleet as the one design supplier.



Miles Amin

- Sales Manager

With over 35 years' experience in the marine industry Miles brings a unique understanding of our clients' needs and expectations, along with a deeply rooted technical rigging background. Having been a key figure for many years at one of our partners, Future Fibres, Miles' experience and reputation is well known and respected across the industry.



Headboard Car Range

	2.5T	4T	6T	8T	12T	15T	18T	24T	32T	45T	50T
Race		●	●								
Self Lock		●	●	●	●	●	●	●	●	●	●
Manual Lock	●	●	●	●	●	●					
Twin Pawl				●	●	●	●	●	●	●	●

Bespoke sizing available upon request

KEY DESIGN FEATURES

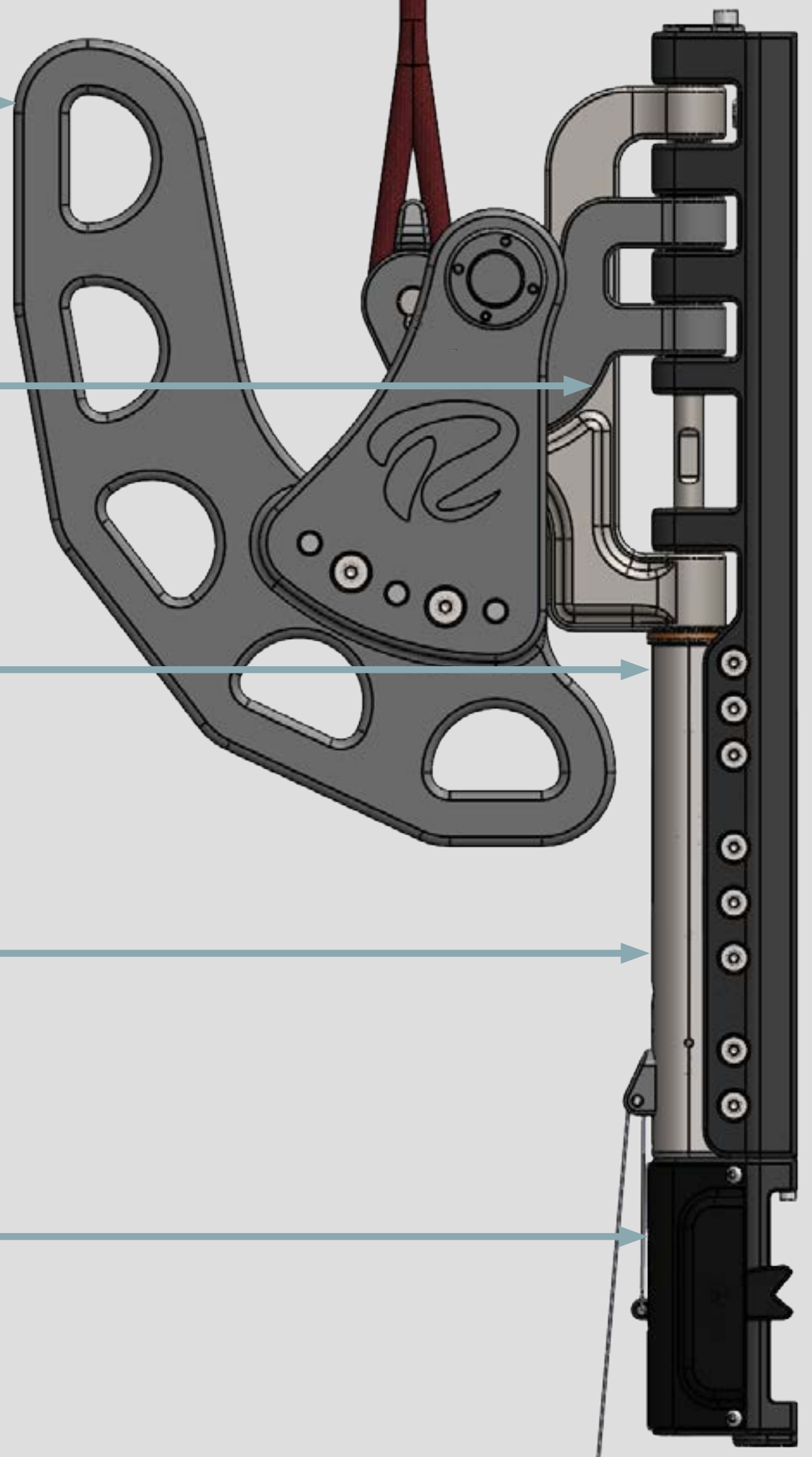
Sail Plate

Gaff Lock

Titanium Locking
Carriage

Locking Pawl
Profile

Self Lock Cassette

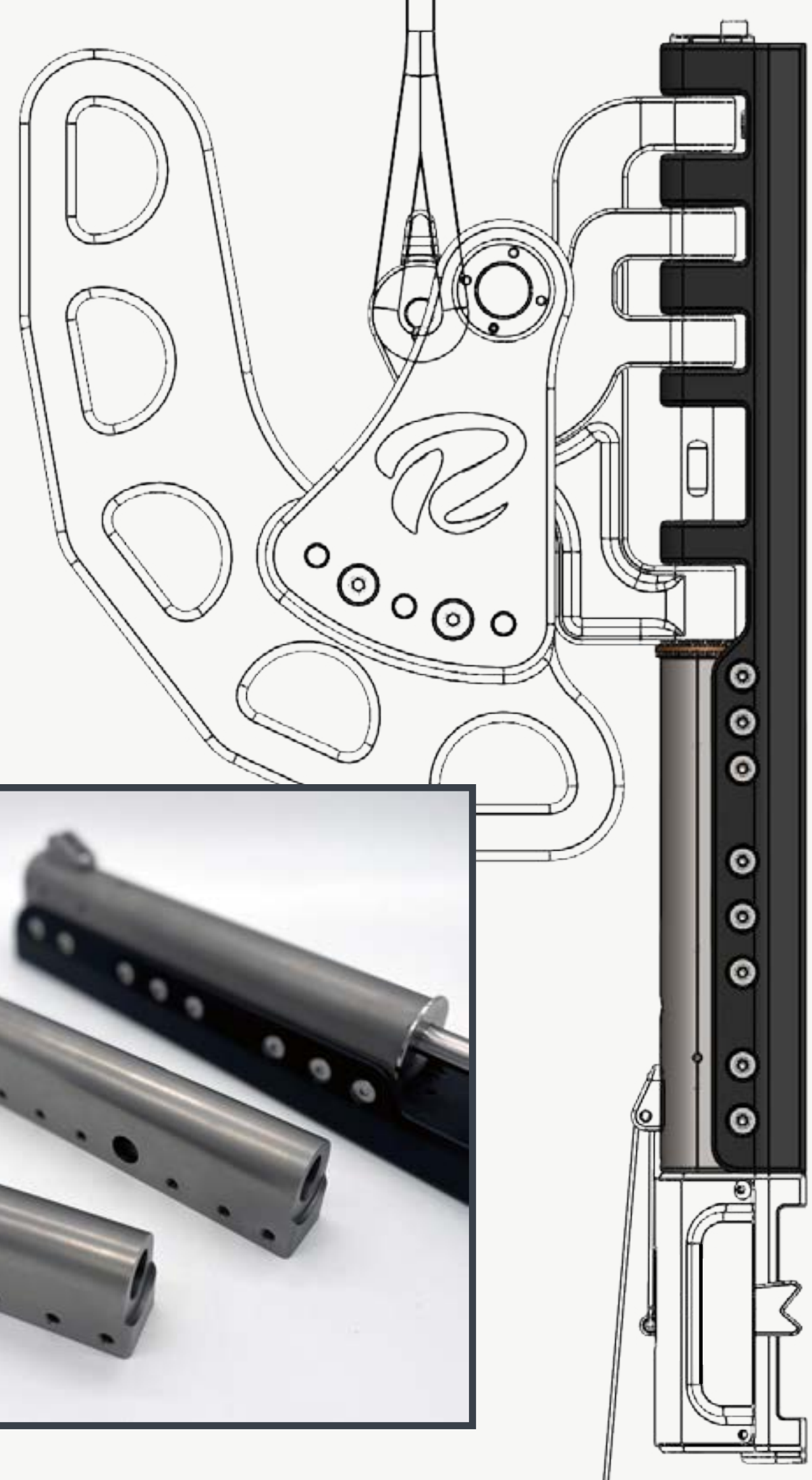


Titanium Locking Carriage

- Titanium Locking Carriage housing the locking pawl mechanism
- Independent of the main car body making servicing easy
- Vertical load from sail plate transferred directly to the locking pawls
- The carriage is designed with a back up manual trip line and safety lock out mode



Click or Scan
For Demo



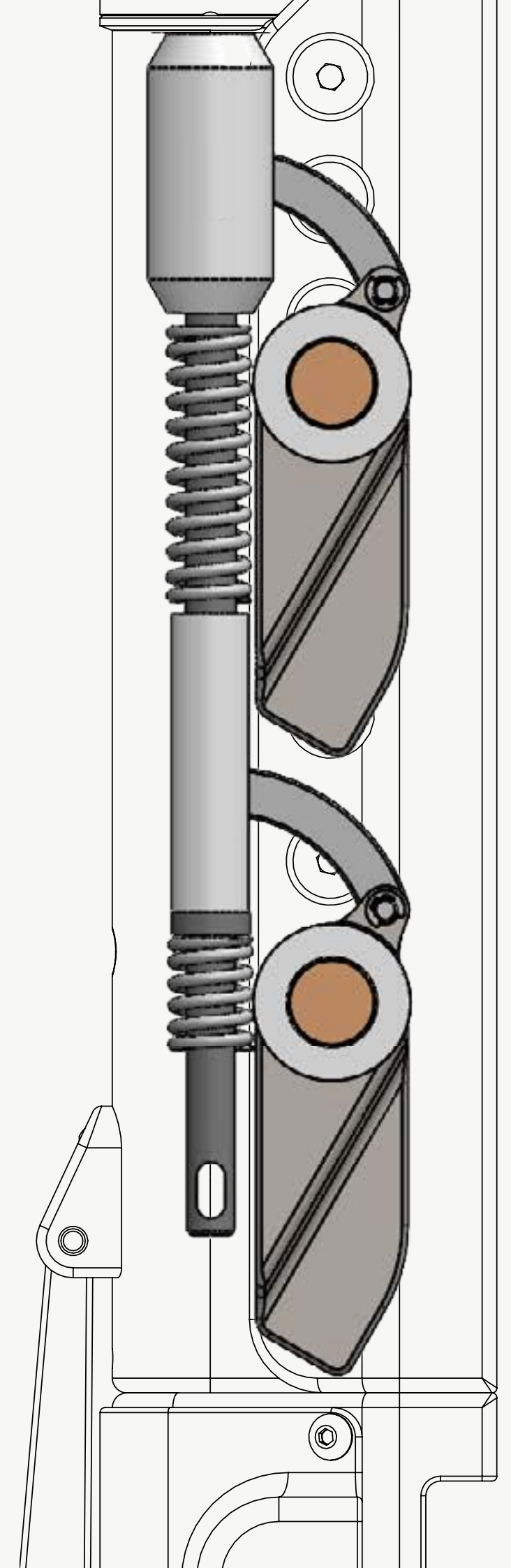
Twin Pawl Range

- The gaff lock sail plate is designed to enable the user to single handedly hoist & lower the head of the sail with the halyard alone
- Available for both square top and pin head sail configurations



Pawl Profile

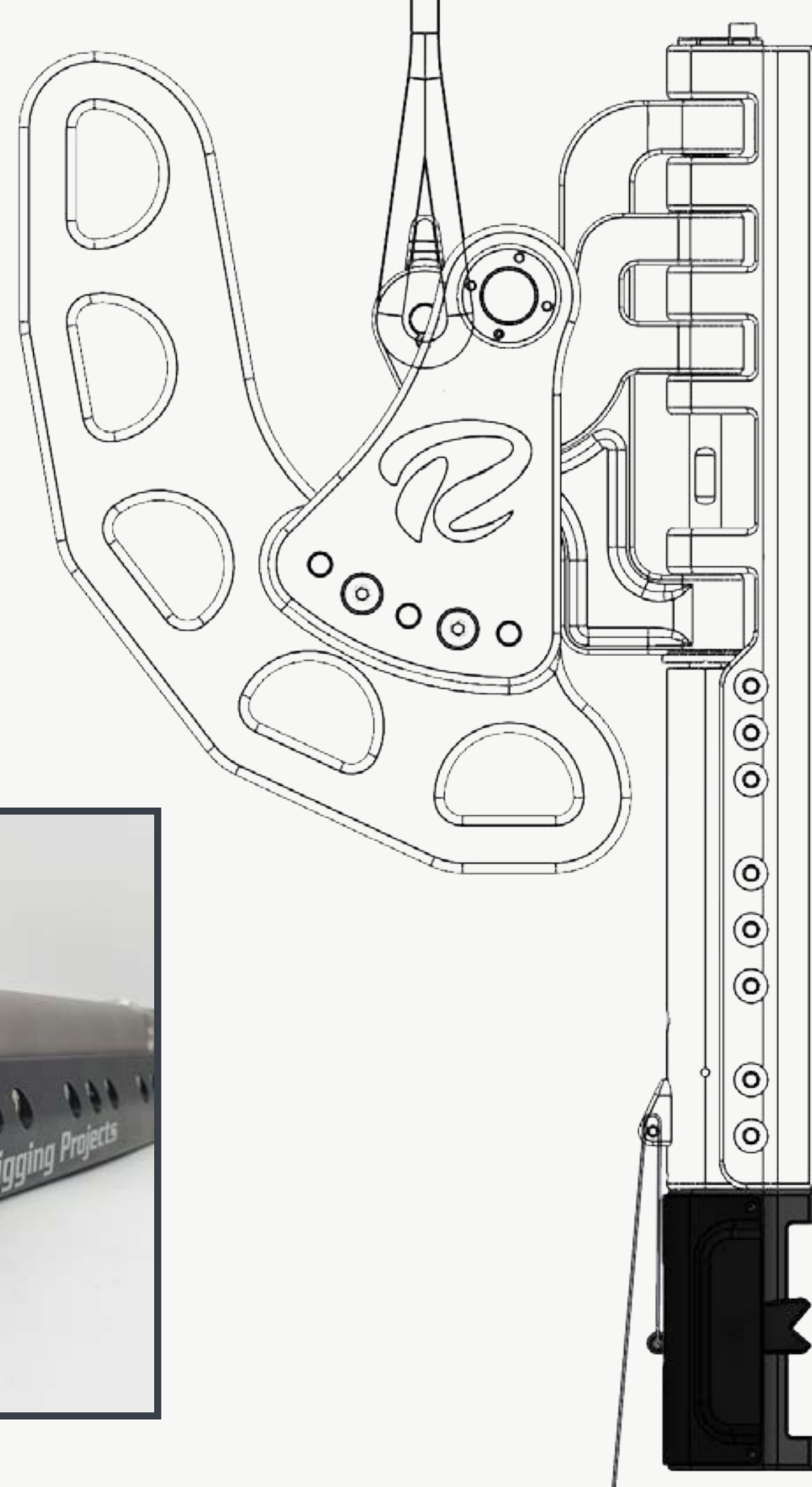
- The Titanium Locking Pawls are designed with a concave face to make “false locking” virtually impossible
- Twin pawls are used in HB12 models and above. These work in a master and slave arrangement which further reduces the risk of false locking



Self Lock Cassette

Negates the need for internal trip lines and can be locked and unlocked with the halyard alone. The trip line is installed as a safety feature

The manual locking car with a trip line activator is also available.



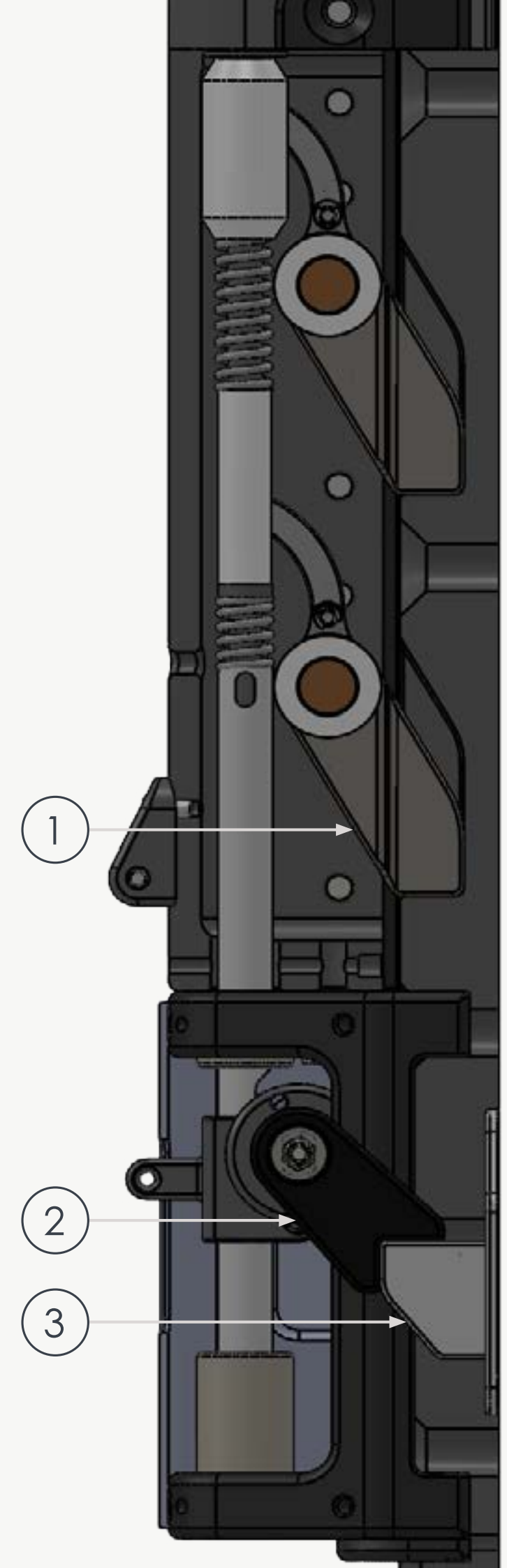
How the Self Lock Headboard Car Works

On Lock:

1. Hoist the Headboard Car above the trigger seat ③
2. Ease the Halyard
3. The self lock pawl ② will engage with the trigger seat to activate the mechanism
4. The main pawls ① will engage with the high load track section

Off Lock:

1. Hoist the Headboard Car 50mm
 2. Ease the Halyard
- No Trip Line required



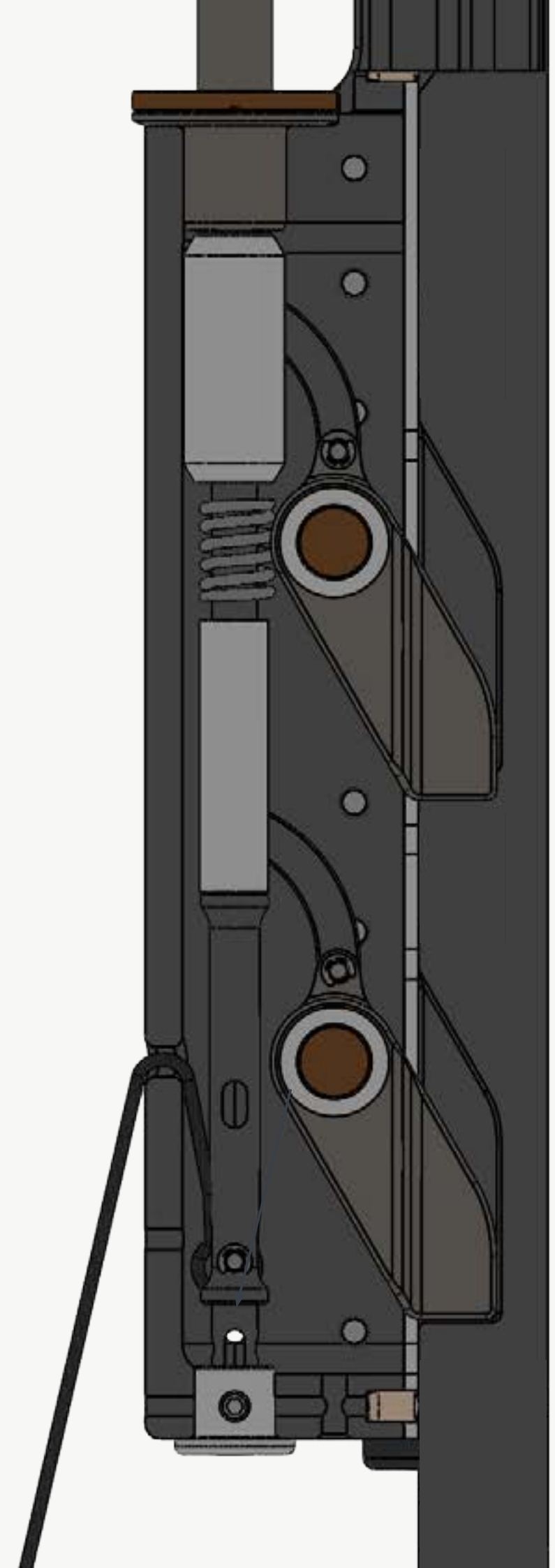
How the Manual Headboard Car Works

On Lock:

1. Hoist the Headboard Car above the pawl pockets in the track section
2. Pull the trip line
3. Ease the halyard

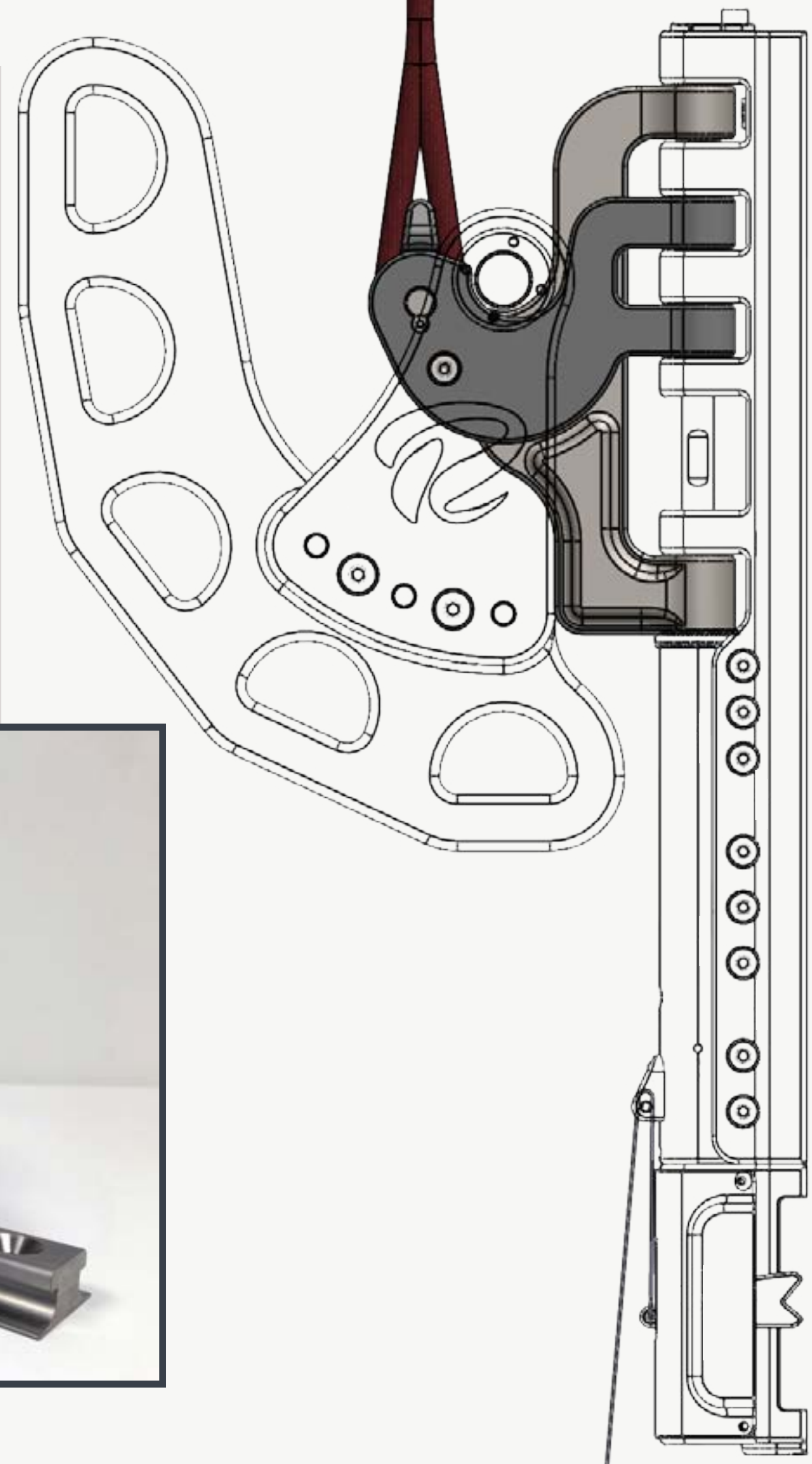
Off Lock:

1. Ensure the trip line is slack
2. Hoist the Headboard Car 50mm
3. Ease the Halyard



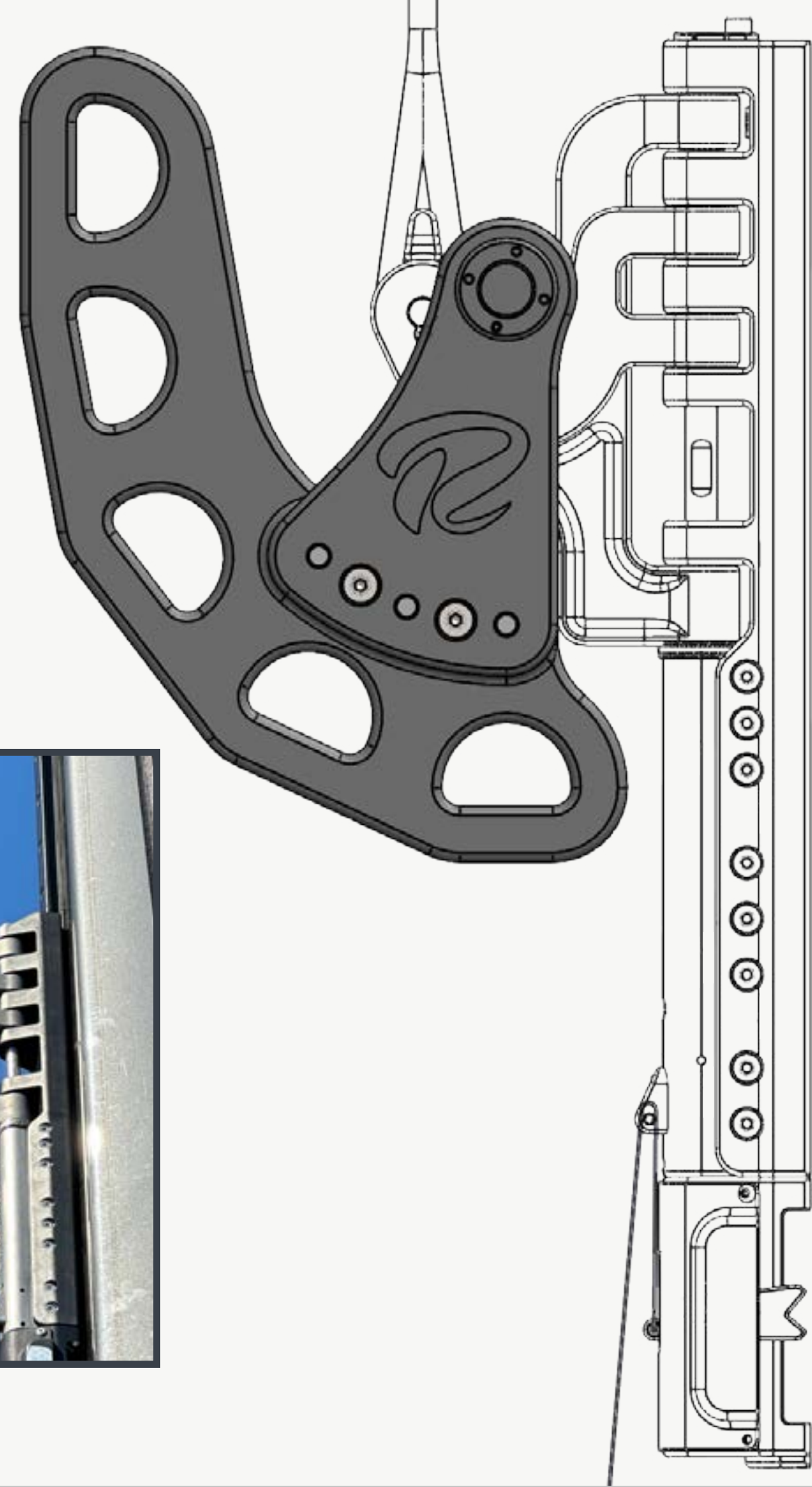
Double Head Gaff Lock

- Specifically designed to distribute both Horizontal and vertical loads
- Effectively deals with any peel loads
- Lug design ensures all vertical load is applied directly to the Titanium Locking Pawls



Gaff Lock Sail Plate

- The gaff lock sail plate is designed to enable the user to single handedly hoist & lower the head of the sail with the halyard alone
- Available for both square top and pin head sail configurations



Sail Plates

01

PIN HEAD



02

SQUARE TOP

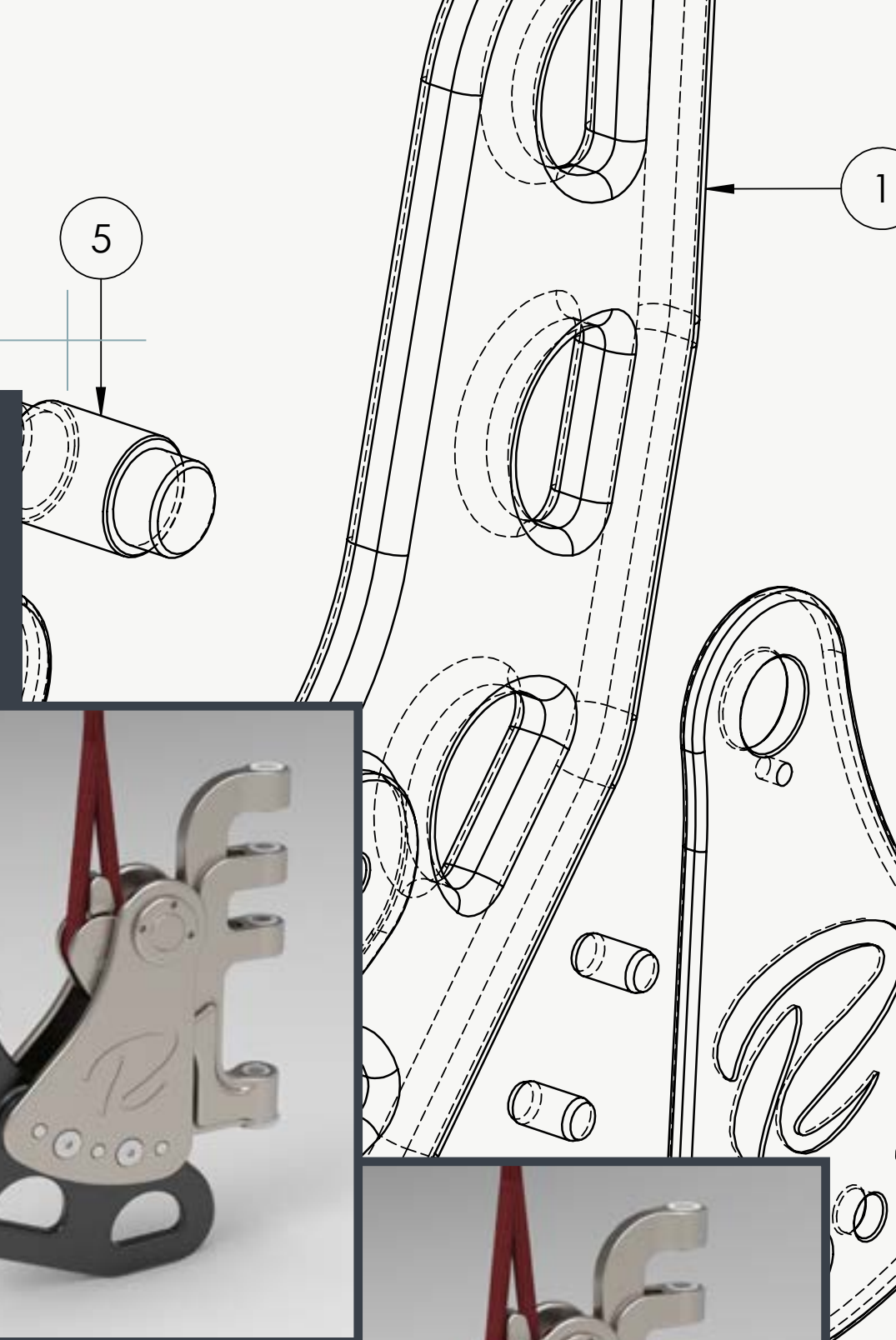


03

GAFF LOCK



Click or Scan
For Demo

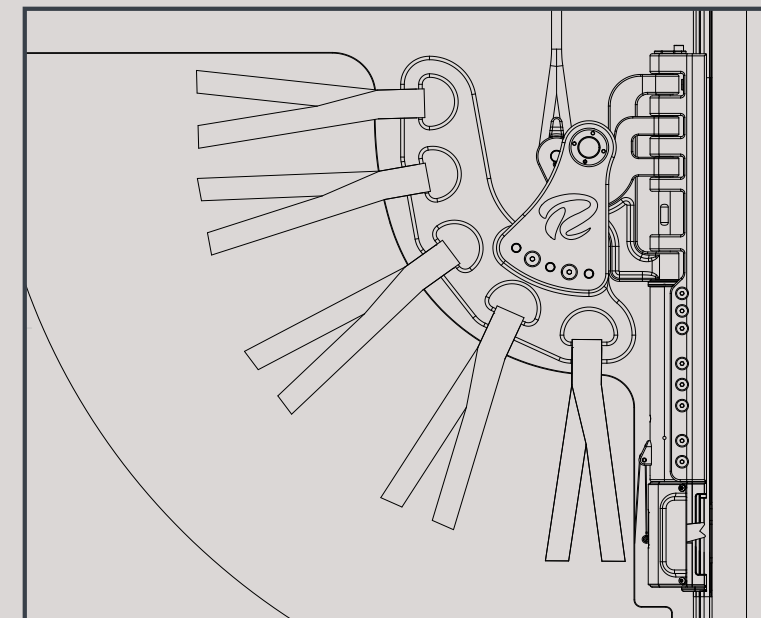
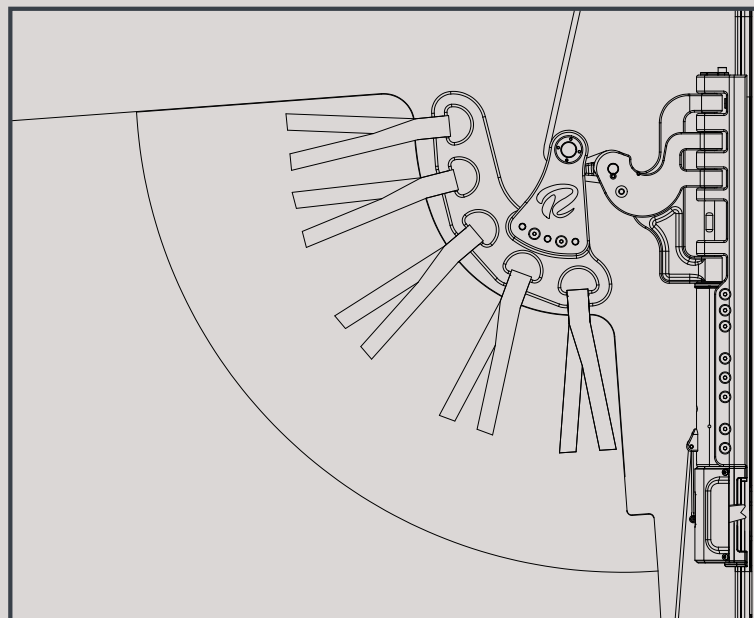
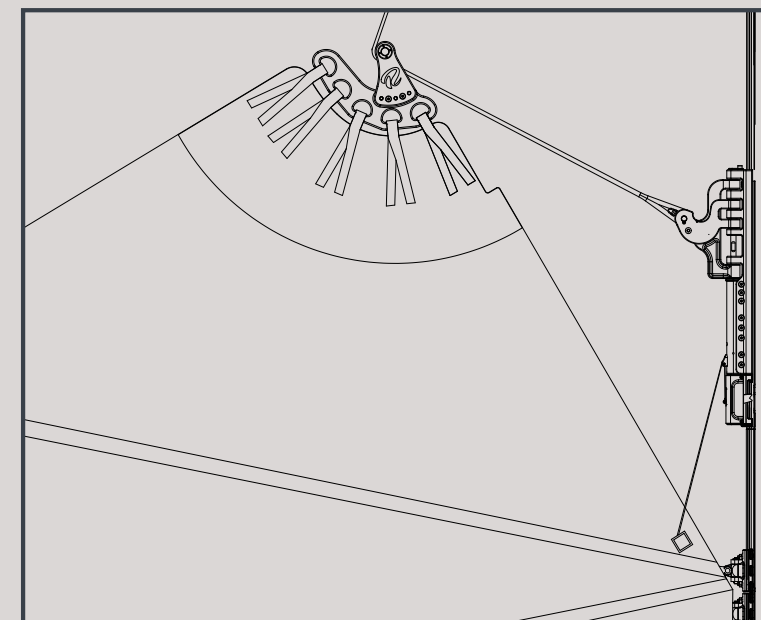
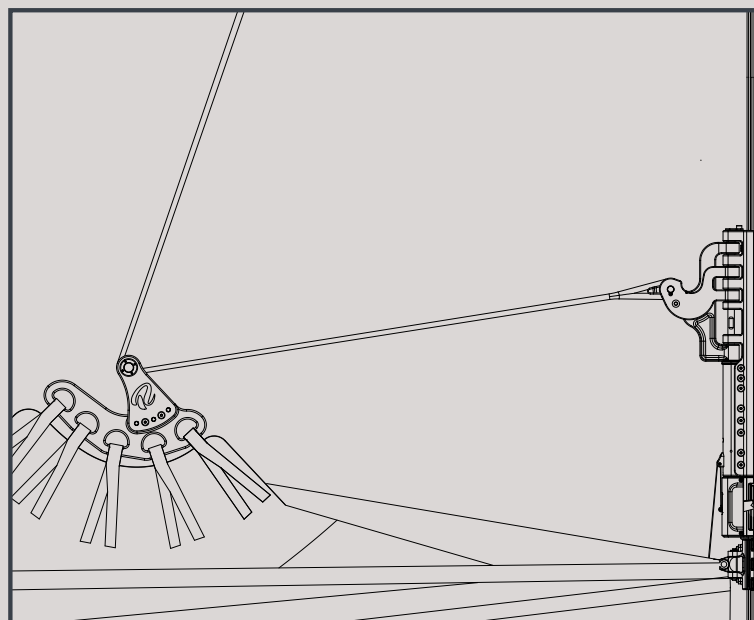




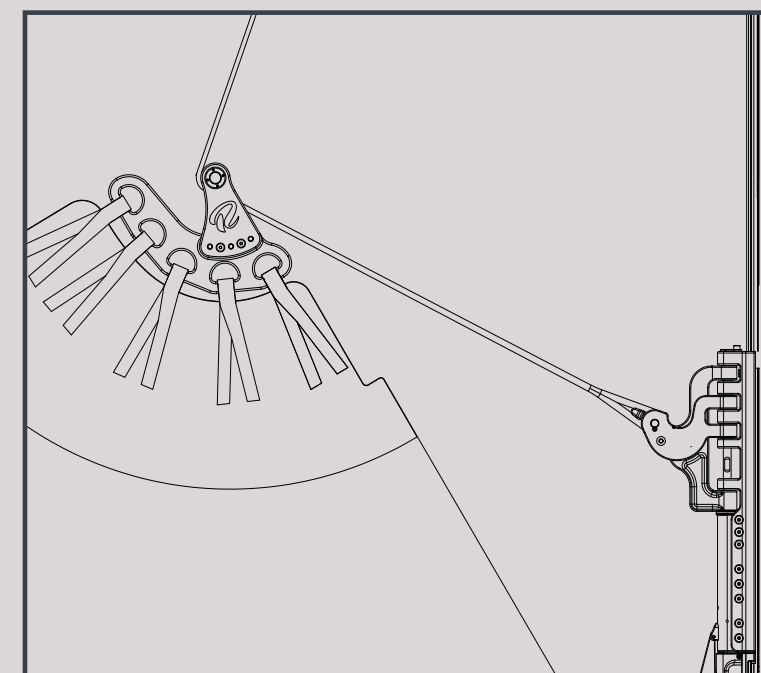
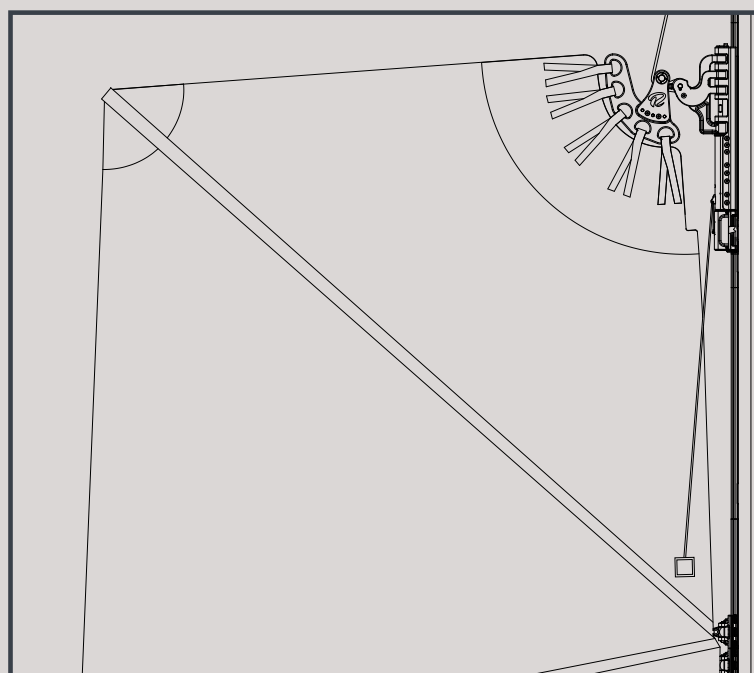
HOW THE GAFF LOCK WORKS

1. During the initial hoist, the 2:1 system engages with the Gaff Lock Sail Plate and lifts the head of the sail away from the sail stack on the boom
2. The halyard will engage with the Gaff Lock and hoist the Headboard Car to meet the Sail Plate
3. The Sail Plate will slide onto the lever and engage with the Gaff Lock
4. During the hoist the Sail Plate will automatically lock into position under the weight of the sail
5. During the dropping of the sail, the Sail Plate will be locked in the Gaff Lock until the baton car engages with the car stack at the base of the mast
6. The gaff baton then forces the Sail Plate to disengage from the gaff lock
7. The head of the sail is now able to be eased onto the sail stack

ON LOCK



OFF LOCK



OUR CLIENTS



- GB90 Tiger Lilly
- GB80 01 HighlandFling
- GB80 02
- GB68 07
- GB68 06 Convexity 2
- GB68 05 Break Free
- GB68 04 Tosca
- GB68 03 Sea Tilt
- GB68 01 Highland Fling

- Raven
- Nikata 115
- Path
- Alice
- Baltic 68 01 Pink Gin Verde
- Baltic 68 02 Open Season



Svea
Rainbow
Hanuman
Skade
Saudade
Jethou
Allegra
Leopard 3
Proteus
Hetairos
Sojana

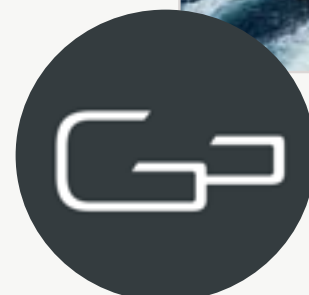


Halekai
Vijonara
Win Win
Canova
Saudade
Nilaya



- Swan 108 01
- Swan 120
- Swan 115 Jasi
- Swan 98 03
- Swan 88 01
- Swan 88 02 Spiip

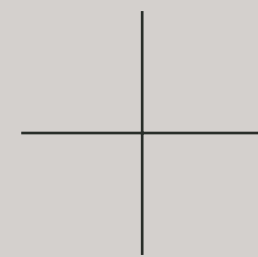
SOUTHERN
Wind



ROYAL HUISMAN

Baltic Yachts

NAUTOR
SWAN



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TOUCH WITH US

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