

TRIPLEX FISHERY

BY ASGEIR ELLINGVAG

2014



Triplex Location

On a small island

TRIPLEX
a MACGREGOR company



averøy

norway



TRIPLEX COMPANY INFO

- ❑ founded in 1939
- ❑ 75 employees
- ❑ Owned by macgregor
- ❑ World leader – innovative deck equipment for
fishery – offshore – research vessels



Triplex production

Machining – welding – assembly – electro – hydraulic – painting

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Triplex service hub

FOR fishing vessels

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a MACGREGOR company



TRIPLEX FISHERY 1963 - 2014

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a MACGREGOR company





HAULING
POWER FROM
6T



Worlds Largest net winch
- Delivered to Japan - 50t

Developed by triplex in 1963

Triplex Net winches

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525 / 300 net winch

Advantages: Triplex net winches

Advantages:

- ❑ Low-level installation provides excellent stability – compared to other systems
- ❑ Minimum of maintenance – all gear wheels, pinions & bearings run in oil bath
- ❑ Special tilt feature makes the drying operation simpler & safer
- ❑ Haul the net with full power & speed simultaneously
- ❑ Starboard or port side versions



Triplex Cork Line stackers



FLH-112
FLU-112



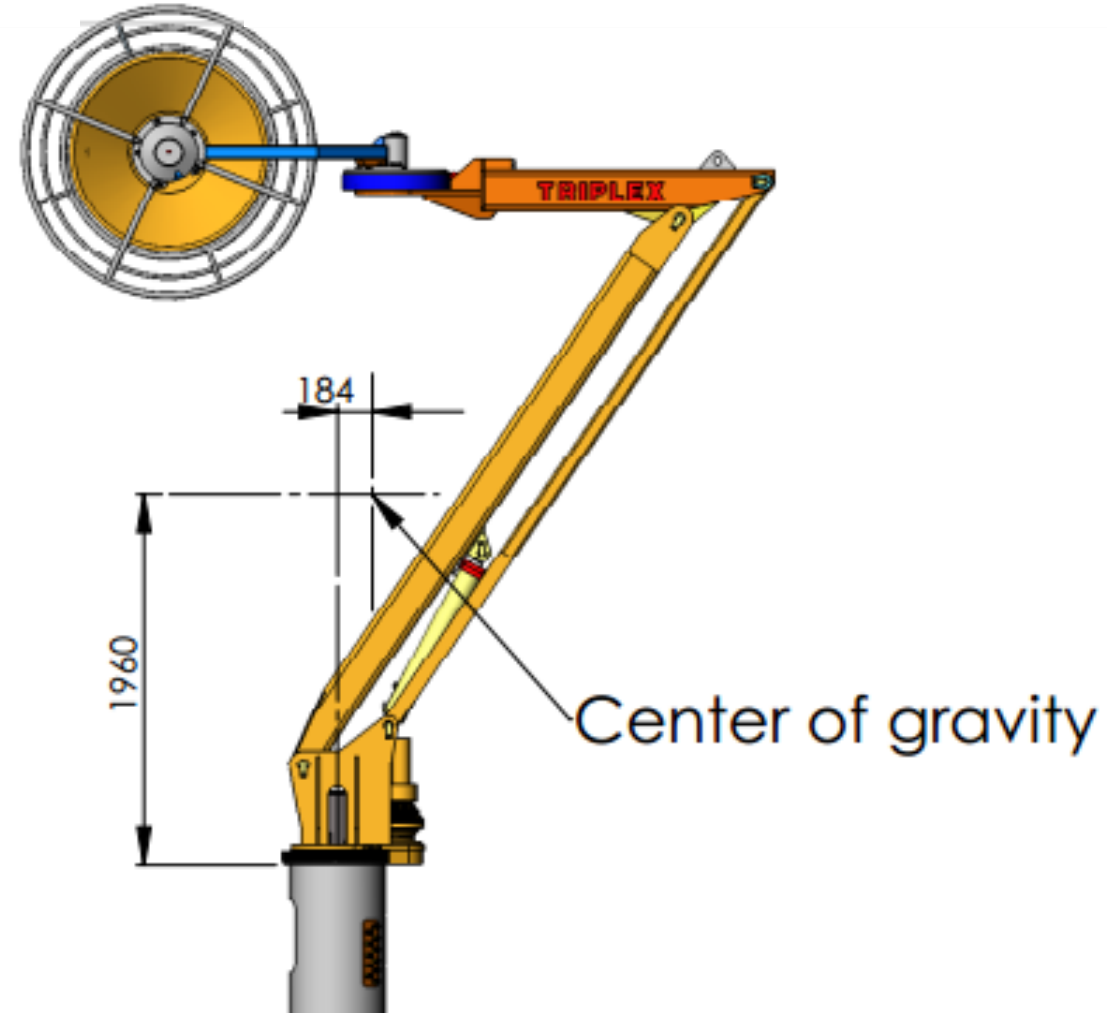
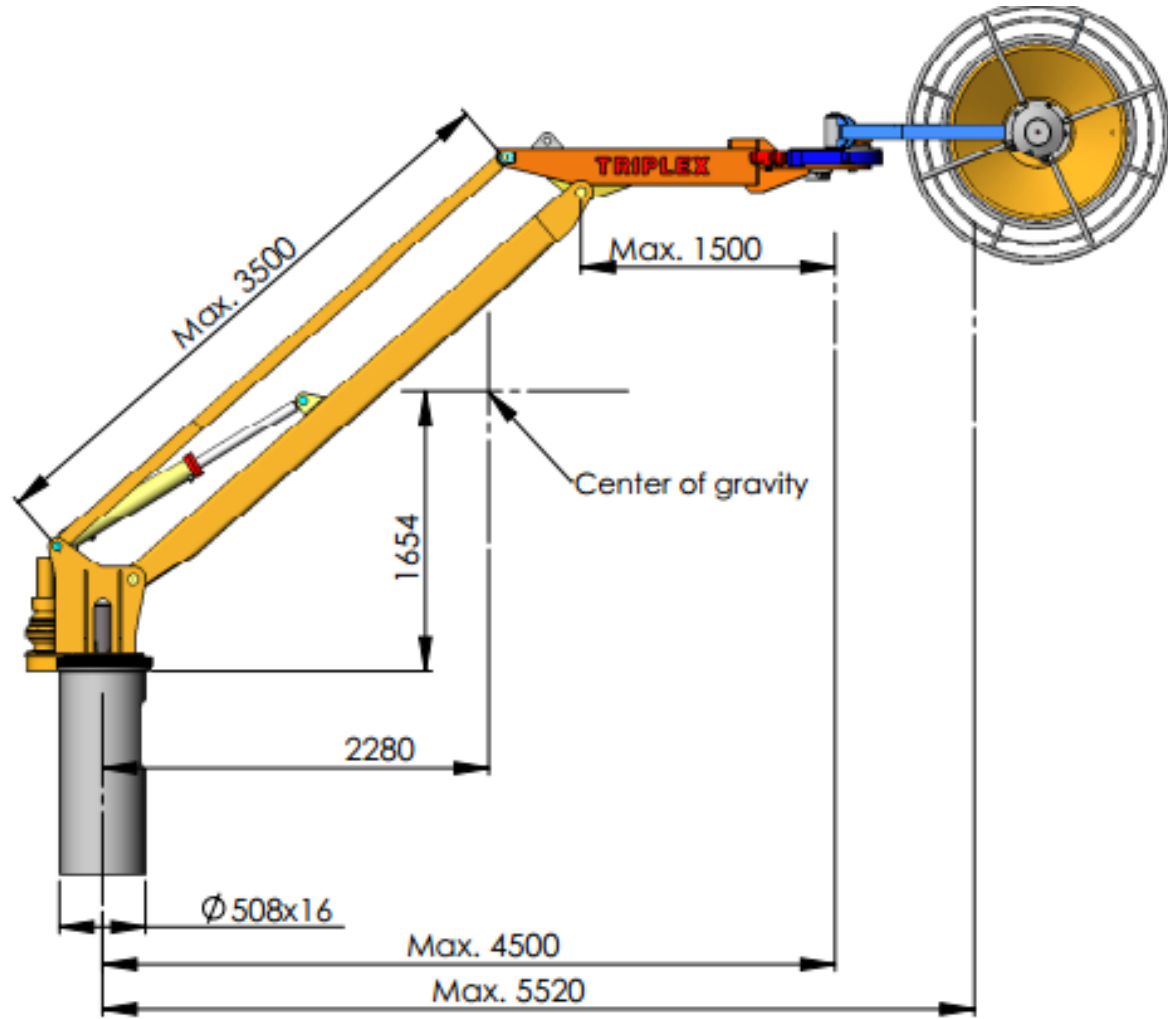
Developed by triplex in 2000

Triplex fl-112 Cork line stackers

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Example: FL-112

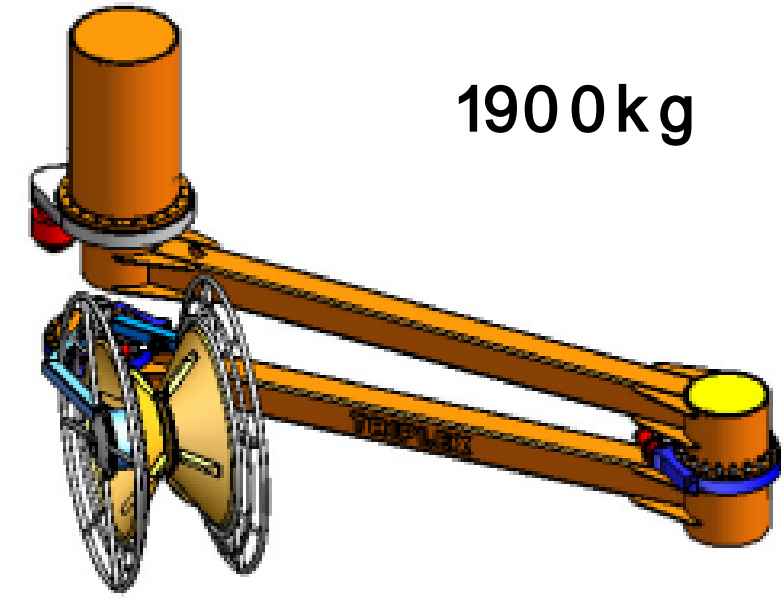
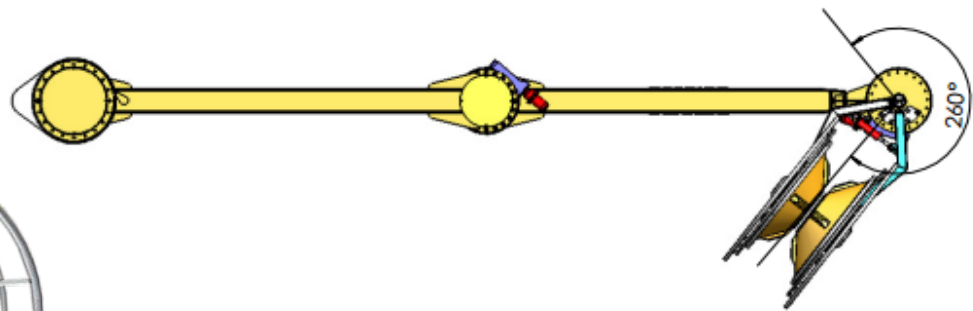
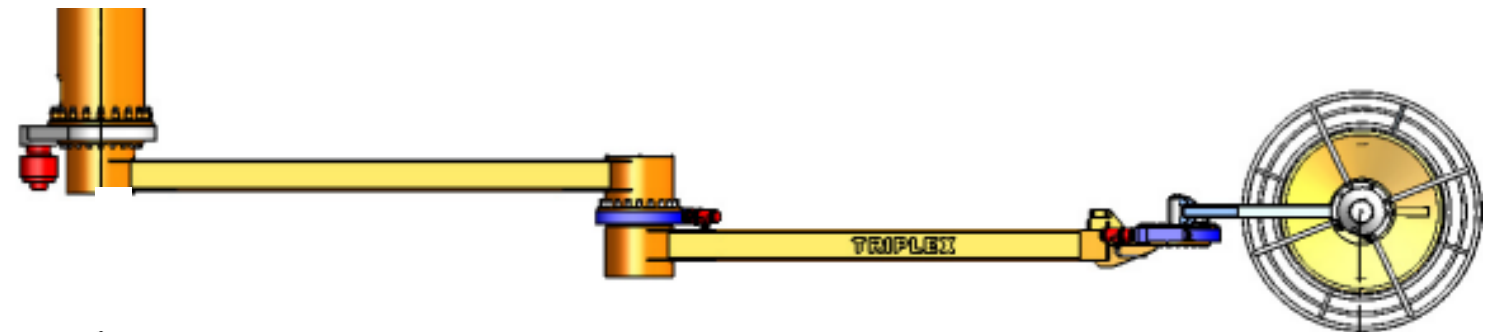
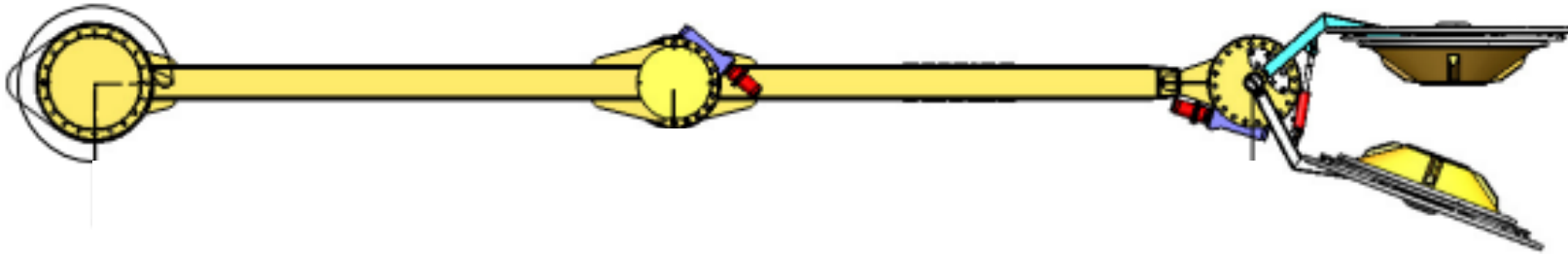


Example: FLh-112

Rotation 360 deg.

Rotation 360 deg.

Rotation 360 deg.



1900 kg

TECHNICAL DATA:

Slewing torque crane	10.000 Nm
Turning angle	360 deg
Slewing torque working head	900 Nm
Working head turning angle	240 deg
Max. hauling power	1500 Nm
Recommended oil supply	50 l/min
Working pressure	200 bar



Advantages: Triplex Cork Line Stackers

- ❑ Roller head with all components in stainless steel
- ❑ Stacks the cork line effectively without manual labor
- ❑ Easily handle big & heavy cork lines
- ❑ Operated by one single person
- ❑ Portable radio control panel
- ❑ Less people needed onboard
- ❑ Different arm systems available
- ❑ Adapted to each vessel



Triplex sink line stackers

TRIPLEX
a MACGREGOR company



Developed by triplex in 1997

Advantages: Triplex sink line stackers



- ❑ Simple, robust and “clean design”
- ❑ separates and laying the sink line without manual labor
- ❑ Easy to control





- NK-1500
- NK-3000
- NK-6000
- NK-7500

Developed by triplex in 1984

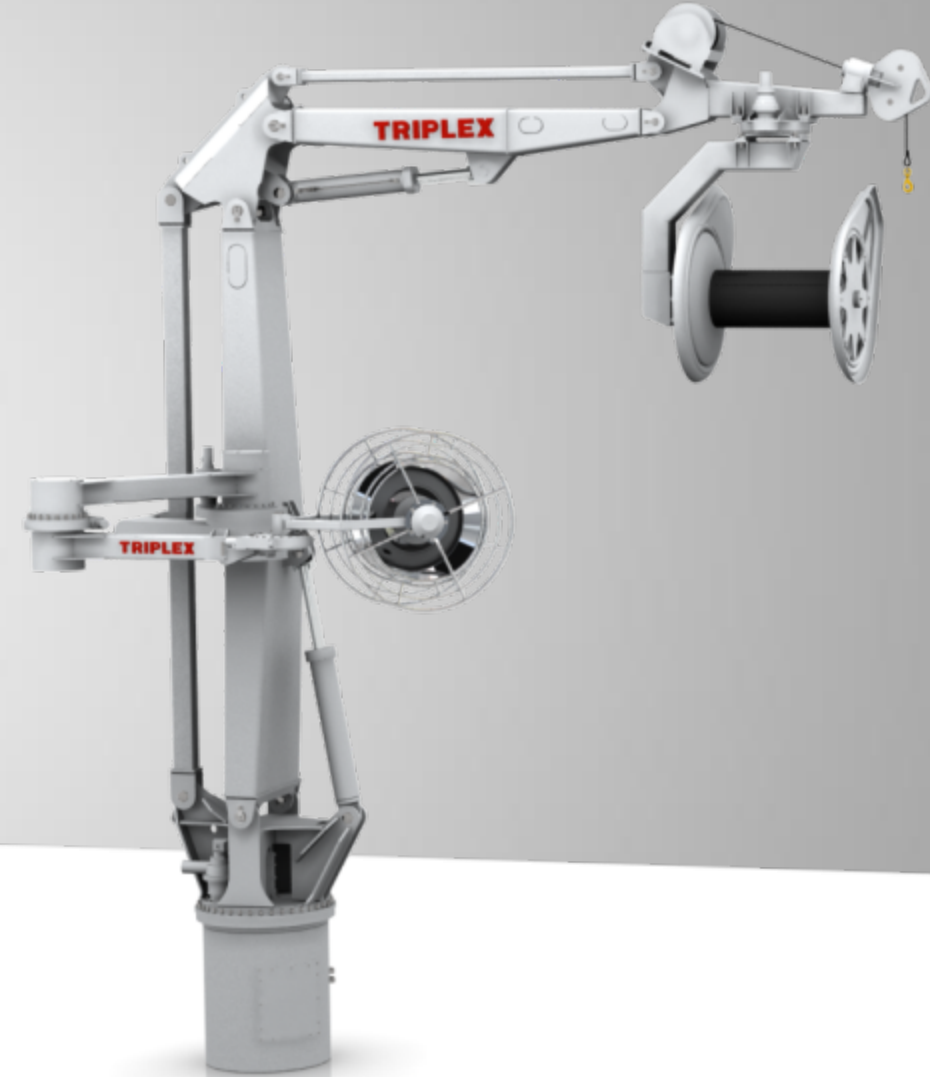
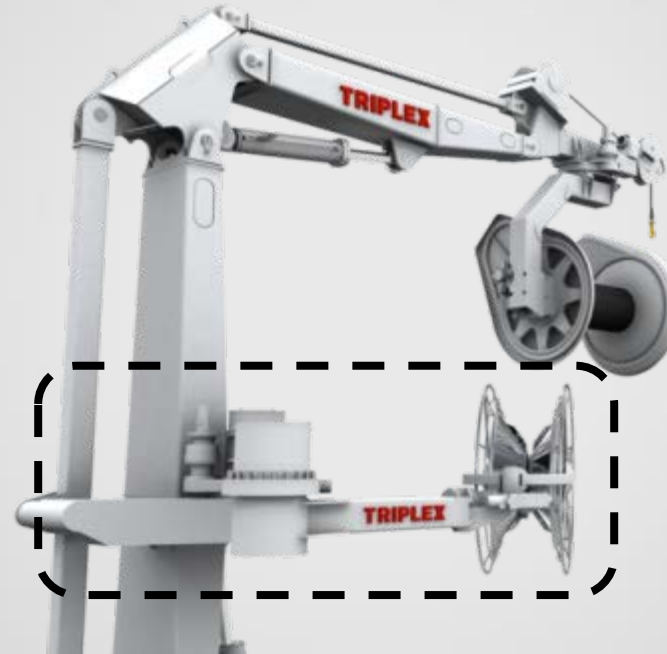
Advantages - Triplex Net cranes

- ❑ Suitable for both seining and trawler vessels from 70 feet
- ❑ Several models tailored for the individual boat and purse net
- ❑ Powerful slewing system (torque) with automatic brake
- ❑ Folded when not in use – to lower the centre of gravity
- ❑ Max. load in all directions – also fully extended
- ❑ Turns 360° - large working area
- ❑ Manual or radio control



Triplex Net crane + cork line stacker

Combined
Net crane & cork line stacker



FNK-3000

VERY GOOD SOLUTION FOR SMALLER VESSELS

Developed by triplex in 2013

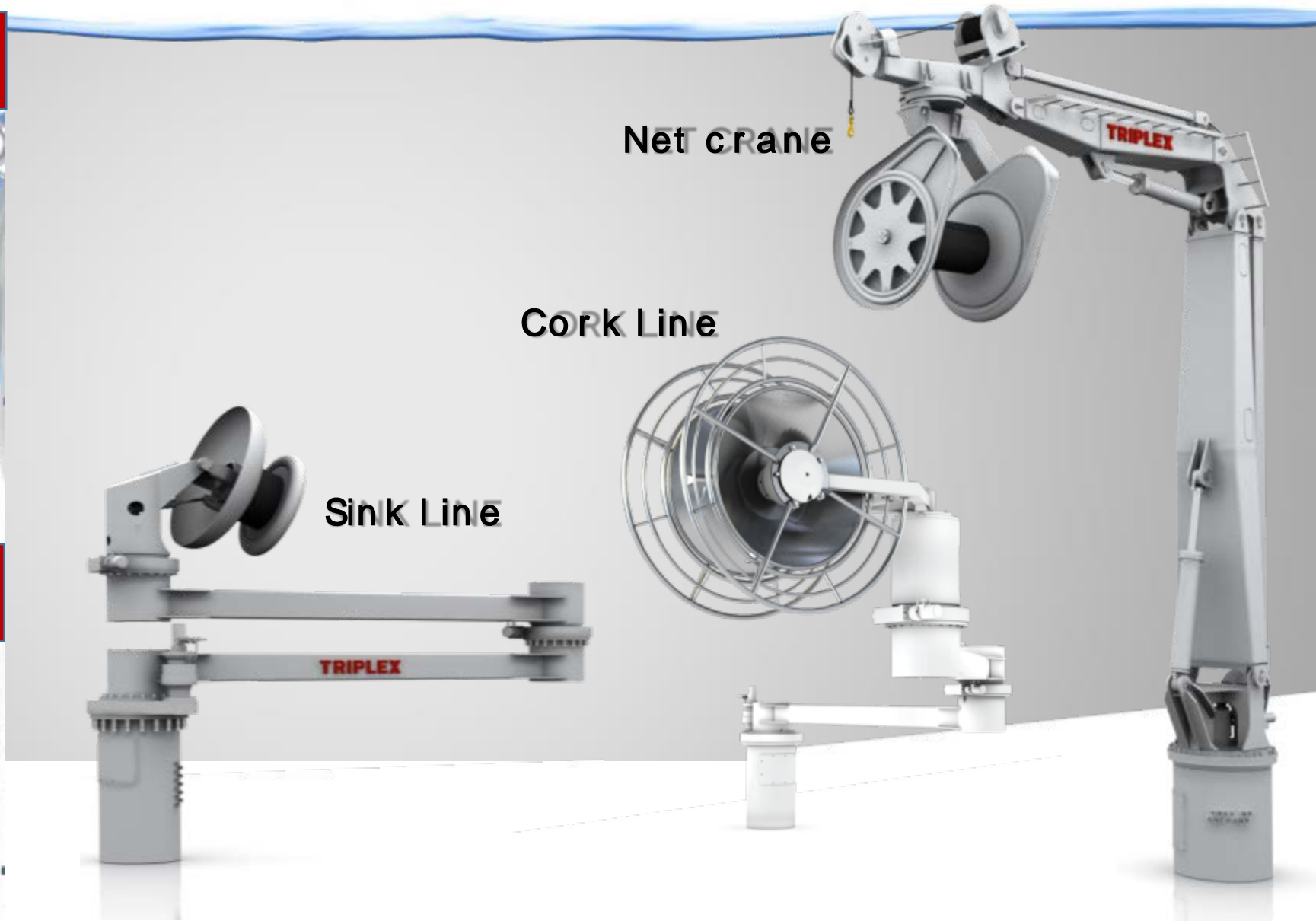
Triplex cranes - Working together



1

2

3



Net crane

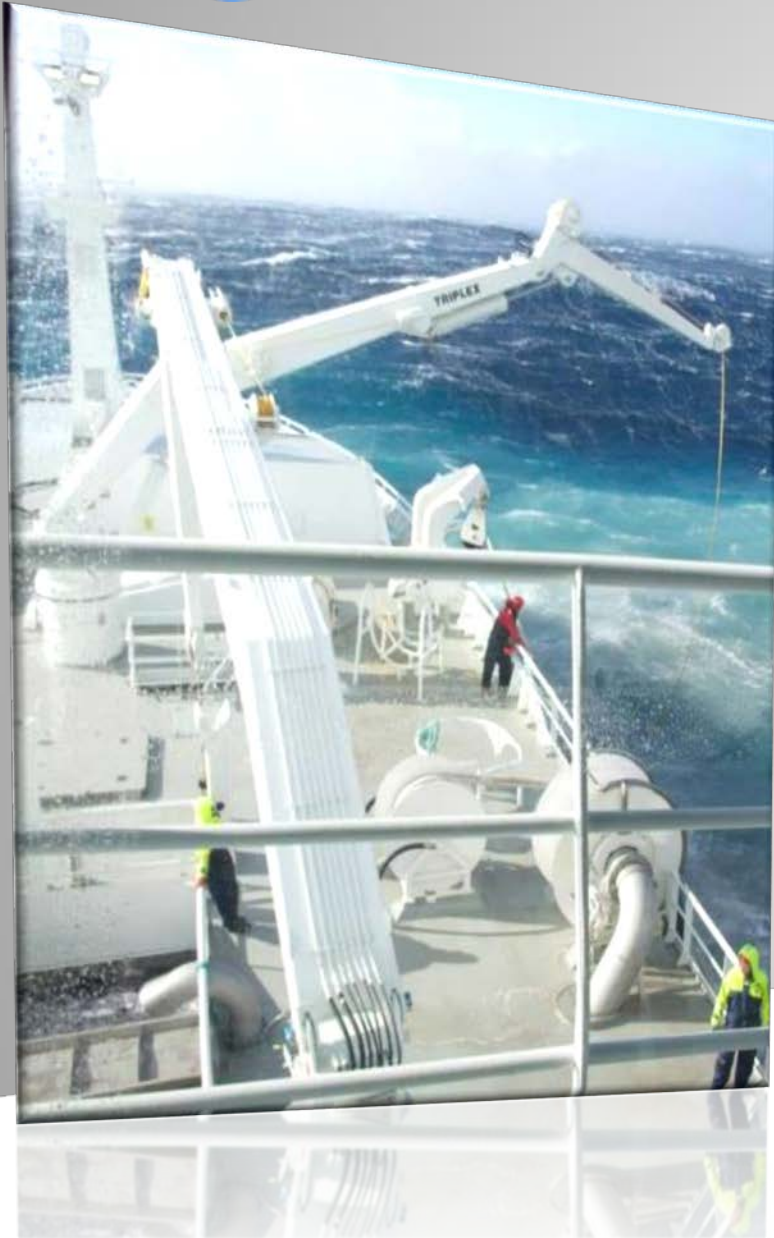
Cork Line

Sink Line

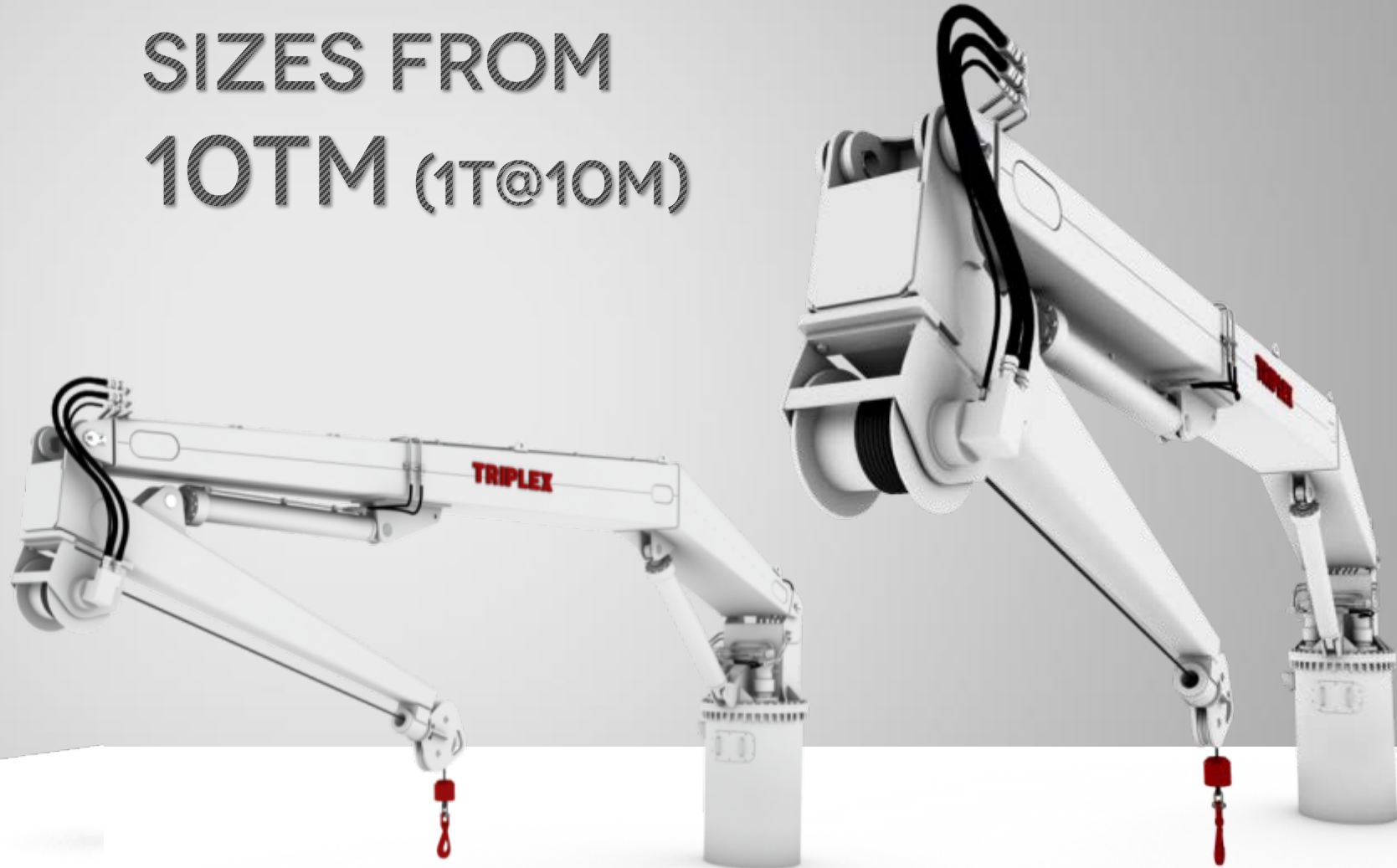
TRIPLEX

Triplex Knuckle-boom cranes

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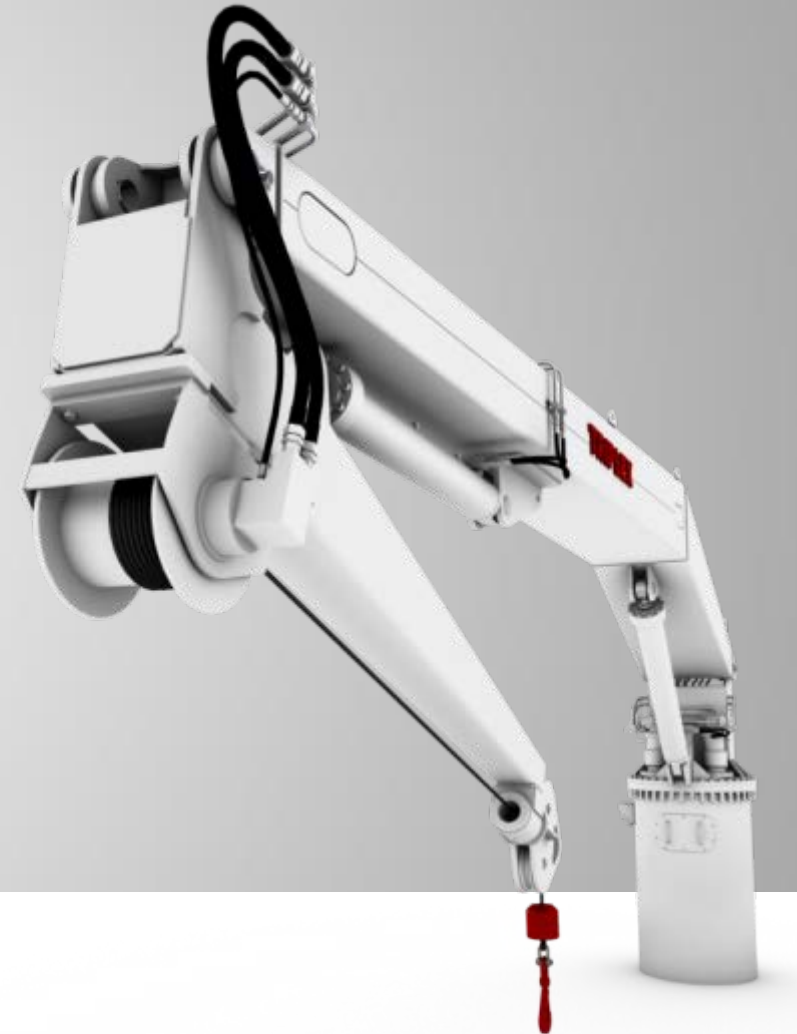
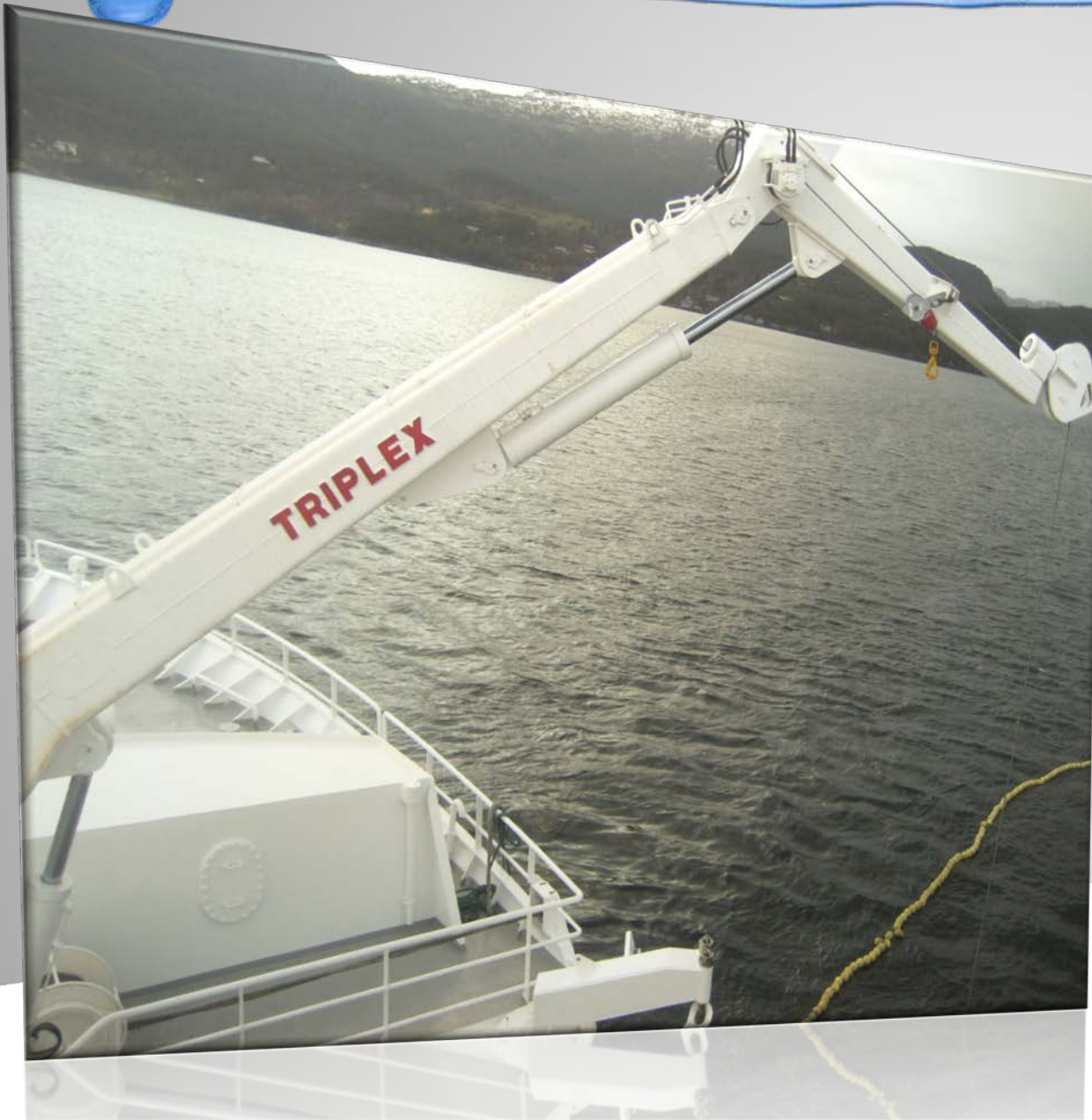


SIZES FROM
10TM (1T@10M)



Triplex Knuckle-boom cranes

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Triplex telescopic cranes

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Advantages:

- ☐ Hot-galvanized telescope
- ☐ Wide range of sizes

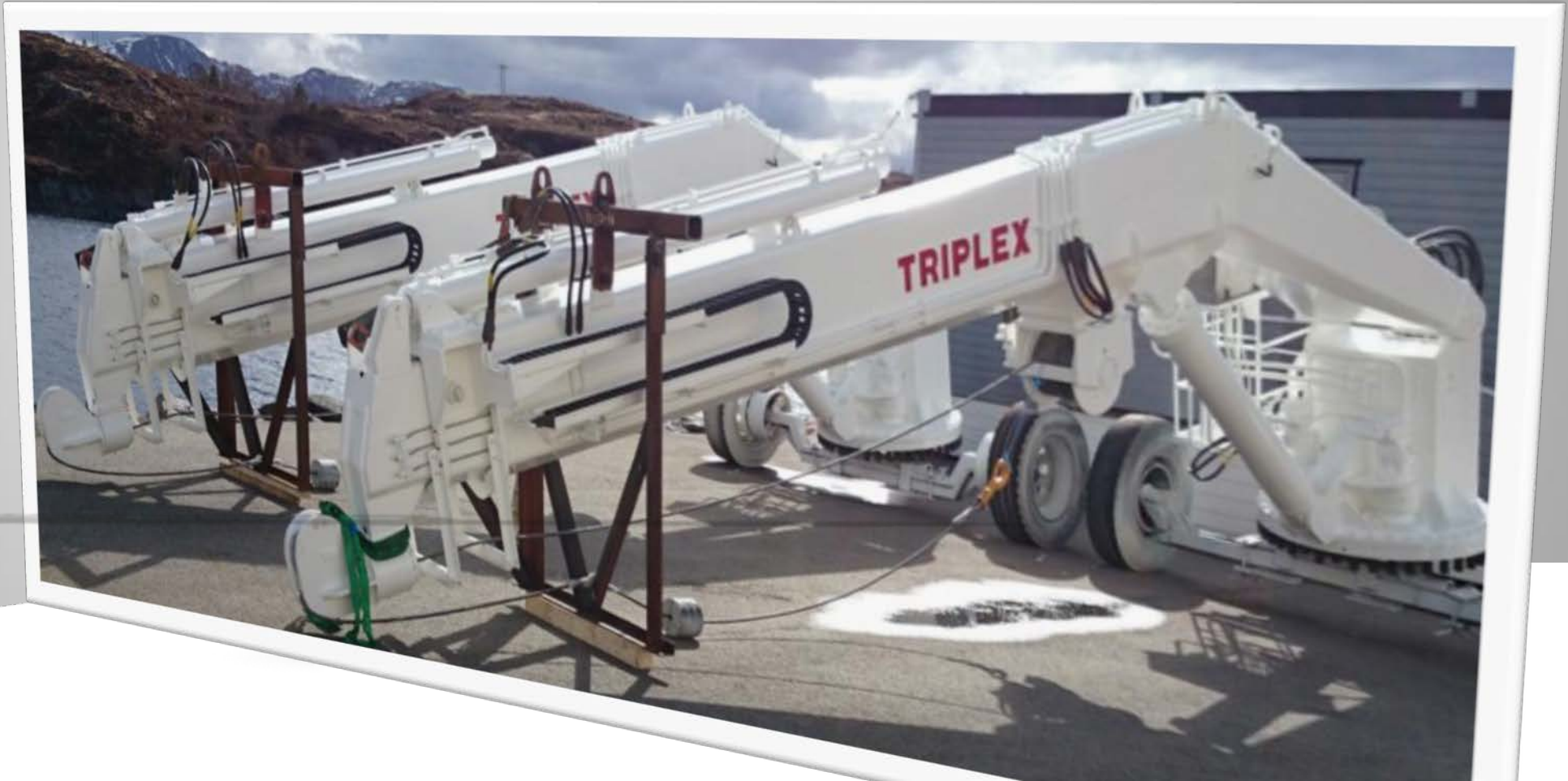
SIZES UP TO
250TM



FISH FARM WELL BOATS

Triplex telescopic deck cranes

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Triplex fishing



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Triplex Fishery sales & service

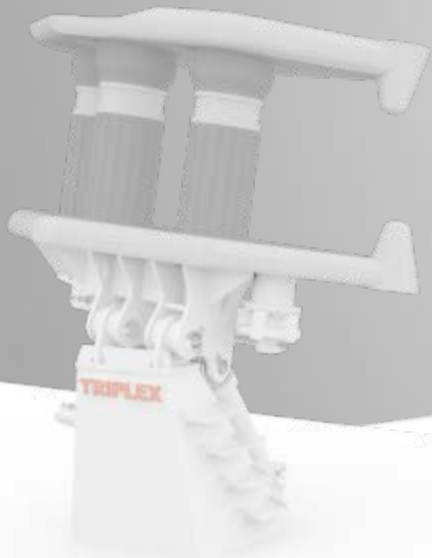
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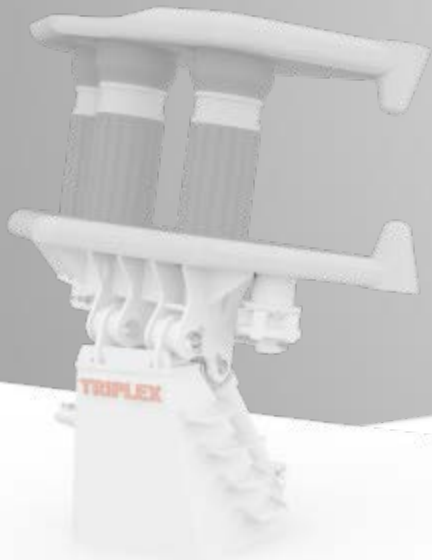
www.triplex.no

AVERØY
NORWAY



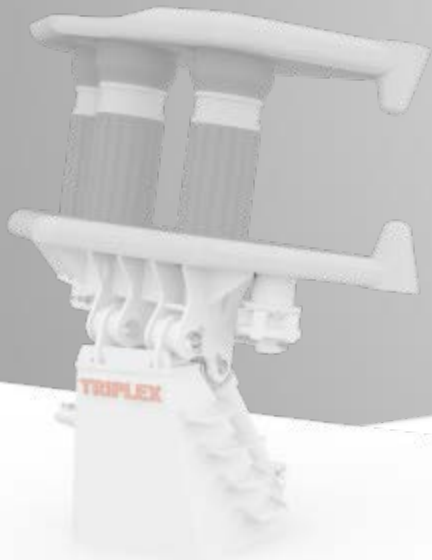
AVERØY

EXTRA SLIDES



AVERØY

EXTRA SLIDES



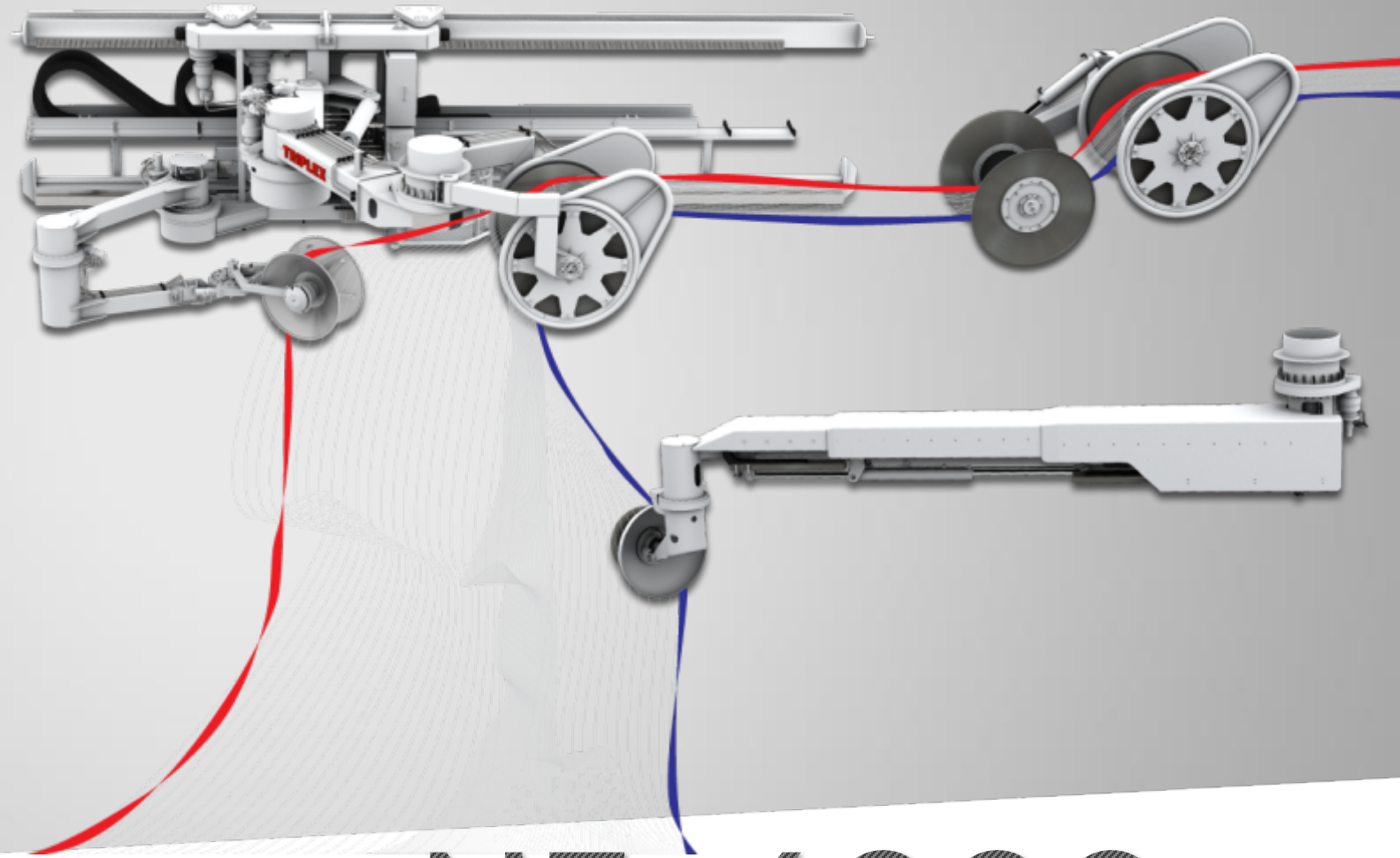


TR-70/73/75
TR-90/93/95
TR-123
TR-160



Triplex Indoor net handling system

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Developed by triplex in 2005

NE-6000