

# **ALIOTO GROUP SRL**

## **SERVIZIO DI NOLEGGIO ATTREZZATURE**

**DISPONIAMO DI UNA VASTA GAMMA DI PRODOTTI PER NOLEGGI A MEDIO E LUNGO TERMINE**



Alioto Group Srl

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# BARGES



14 barges are in our rental fleet.

Two sizes: 14,5 x 20 meter and 12 x 12 meter.

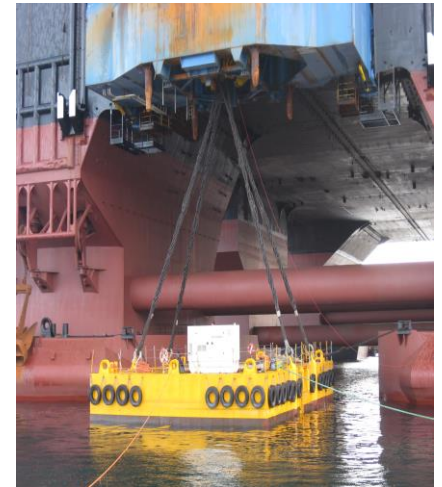
One barge comes with lifting point and can be ballasted as test weight from 150 to 900 ton.



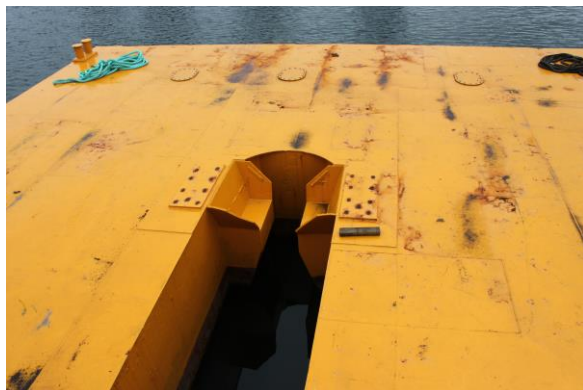
AP barge 12 X 12 meter.



TB barge 14,5 X 20 meter.



TB Barge used for 800 T load test



Chain stopper on TB barge.





# BASKETS



A wide range of baskets for many purposes:

Subsea baskets - Equipment baskets - Personnel baskets - Garbage baskets



Subsea baskets 11,5 x 4,1 x 3 m (LxWxH). Payload 36 ton



Subsea baskets 3,6 x 3,7 x 3 m (LxWxH). Payload 175 ton



Garbage basket



Personnel baskets



Subsea equipment baskets

# BLOCKS

Snatch blocks, Fixed blocks, Hook blocks with capacity up to 200 ton



# BUOYS



## A wide range of surface and subsea buoyancy modules:

- 13 kg to 25 kg spherical subsea buoys
- 120 and 250 kg buoyancy modules.
- 1200, 2400 and 3500 kg buoyancy modules.
- 14000 kg surface buoys
- Subsea buoys up to 10 ton @ 500 MWS.

We also make special arrangements to join different buoys to get the required net buoyancy.



14000kg surface buoy



250kg modular buoys, 1500msw



1200kg modular buoys, 320msw



3500kg modular buoys, 66msw



2400kg deep sea buoy, 335msw

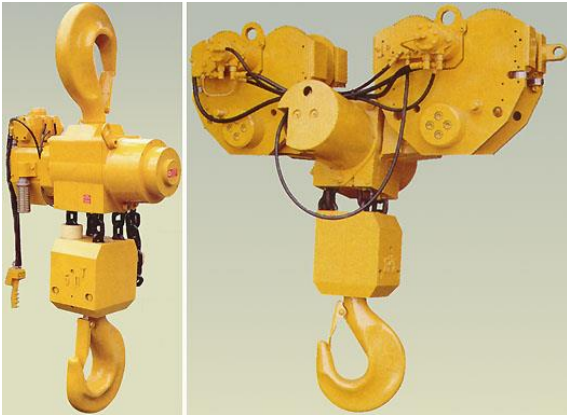


Spherical buoys, 500 & 1000msw



# CHAIN HOISTS AND TROLLEYS

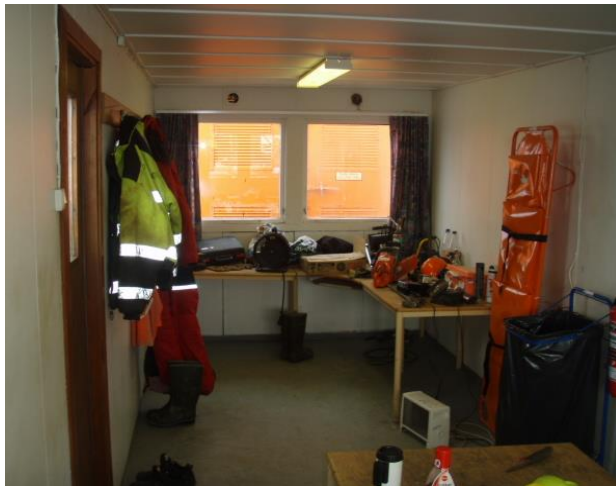
Air-driven, Electric, Hydraulic and Manual hoists and trolleys, capacity 0,5 – 100 T.  
Standard and lowhead room.



# CONTAINERS



Tool & Equipment containers - Storage containers - Office containers - Standard ISO containers and DI





# FENDERS



Fenders for several purposes with different characteristics and dimensions.  
Rubber-, air filled- and foam filled fenders.

Some of our fenders is listed below:

- Chain Tyre Net Foam Filled
- Trelleborg CRP foam filled fenders
- Sampson fenders
- Yokohama fenders

L5.0m  $\varnothing$ =2.9m, weight 2900kg  
L2.5m  $\varnothing$ =1.2m, weight 395kg  
L3,2m  $\varnothing$ =2,7m, weight 1200kg  
L5,0m  $\varnothing$ = 2,8m, weight 1400kg



Fenders in use



Fenders ready for use



Trelleborg CRP fenders



Yokohama fender



Rubber protectors



# GANGWAYS

A wide range of certified gangways in different sizes.



# HYDRAULIC POWER PACKS

Electric and diesel driven hydraulic power packs for operation of winches, pumps, etc.



80 kW zone 2 electric HPU



2 x 55 kW twin safe area electric HPU



63 kW safe area diesel HPU

*\*This is only some of our HPU's*

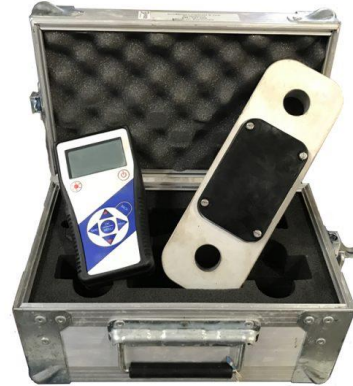


# LOAD CELLS, LOAD SHACKLES AND RUNNING LINE MONITORS

Capacity up to 1250 T. Comes with calibration certificate.



Load shackles radio controlled



Load links radio controlled

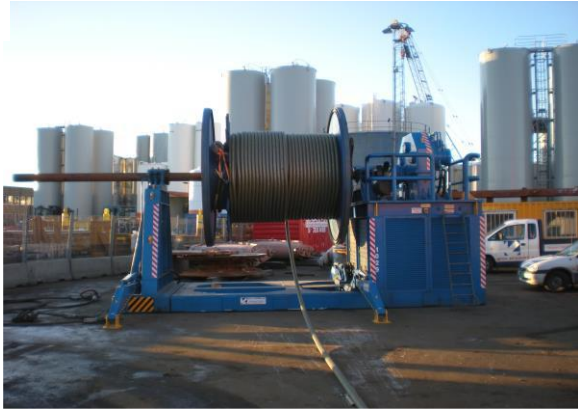


Running line monitor radio controlled



Subsea load shackle cable controlled

# SPOOLING MACHINES



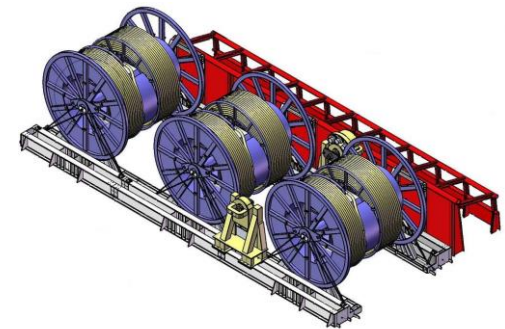
Change of anchor wire for «Safe Caledonia», drum 60T, 15T back tension



# SPOOLING MACHINE / REEL DRIVE SYSTEM (RDS)



- RDS is designed to handle wirerope, fibre rope or umbilical on transport reels. The system pay out / spool in on drums weighing up to 150 Tons. The system can be used with wire grippers (page 50) or linear winch to ensure controlled handling of the material.
- RDS consist of two separate units; motor side and free side each to be mounted on deck with grillage/frame/beams depending on use.
- RDS can handle reels with sizes typically up to 6 meters in diameter and 6 meters width; but can also accommodate bigger reels with special designed grillage.
- The RDS is perfect for installing mooring lines on vessels and barges.
- **Technical Info:**
  - Max weight of reel: 150 Tons
  - Supply 380 Volt, 50 hz, 7.5 kW, IP56
  - Max diameter/width of reel: Any dim. depending on grillage
  - Weight/dims (LxWxH) motor side: 6.0 T / 250x142x317 cm
  - Weight/dims (LxWxH) free side: 4.5 T / 250x110x306 cm
  - Drive force pull: 5 Ton
  - Transport dimensions (LxWxH): 290x295x320 cm



# REEL DRIVE SYSTEM / UNDER-ROLLERS



- Four-wheel drive Under Rollers are designed for ease of handling and maneuvering reels up to 350Te capacity. suitable for reels up to 11.2m diameter and variable width.
- Under Rollers are supplied with diesel or electric hydraulic power packs and can be manually or digitally controlled.
- Also self-loading versions available complete with cradles to avoid the need for a crane to load/unload reel.

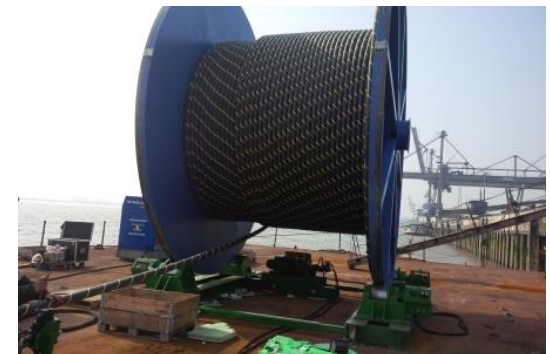
## ***Crane loaded under roller description:***

*Consist of four powered rollers in carriage which rest on two sets of bed beams. Bed beams are lifted into position with forklift and spacer tubes are bolted between beds. Reel is lifted onto rollers with crane.*

*Loading is possible both directions, Powered wheels comes with hydraulic and mechanical brakes for both directions.*

## ***Data for 350 Ton capacity crane loaded under roller:***

<i>Drive force at rim per powered roller</i>	<i>2.6 – 3.4 Ton</i>
<i>Max rim speed with 110 l/min HPU</i>	<i>15 – 20 m/min</i>
<i>Max reel weight</i>	<i>350 Ton</i>
<i>Flange width</i>	<i>Up to 240 mm</i>
<i>Hydraulic pressure</i>	<i>210 bar</i>
<i>Weight each carriage</i>	<i>3500 kg (two off)</i>





# SPREADER BEAMS

different sizes of spreader beams for all your lifting operations. Can come single or rigged with shackles, wires and master links. Standard capacity up to 600 T, specials up to 2000 T.



**Racks with various spreader beams**



# SPREADER / LIFTING BEAMS



Below spreader beams **are some of our beams** available for rental. Minimum rental is 3 days.

Special spreaders / lifting beams up to 2000 Ton capacity on request.

Comes with control card / certificate, beams can be equipped with wires and shackles according to your requirement

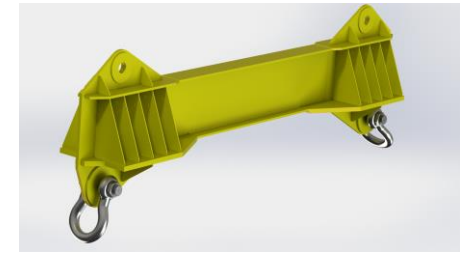
Quantity	Description	SWL Ton
3	SPREADER BEAM 6M	3.1
1	SPREADER BEAM 5M	7
1	SPREADER BEAM 3.5M	8
2	LIFTING FRAMES 6.2X2.5M	9
1	SPREADER BEAM 6 M	10
2	SPREADER BEAM 2.9M	15
1	SPREADER BEAM 4.5M	18
1	SPREADER BEAM 5.3M	25
1	LIFTING FRAME 6x2M	25
1	SPREADER BEAM 3.8M	29
1	SPREADER BEAM 2.5M	30
3	SPREADER BEAM 6.2M	35
1	SPREADER BEAM 6.8M	40
1	SPREADER BEAM 2.6M	40
1	SPREADER BEAM 6M	40
1	SPREADER BEAM 2.6M	50
1	SPREADER BEAM 3.05-4.45M	60
1	SPREADER BEAM 5.46M	60
3	SPREADER BEAM 3.62M	75
1	SPREADER BEAM 4M	80
1	SPREADER BEAM 7.8M	87
1	SPREADER BEAM 3.6M	90
1	SPREADER BEAM 10.33M	115
1	SPREADER BEAM 3.45M	115
1	SPREADER BEAM 4.45M	140
1	SPREADER BEAM 5.05M	140
1	SPREADER BEAM 2.25M	150
1	SPREADER BEAM 2.65M	150
1	SPREADER BEAM 4.1M - 15M	150
1	SPREADER BEAM 5.17M	250
1	SPREADER BEAM 3.4M	270
2	SPREADER BEAM 5.5M	400
1	SPREADER BEAM 21.4 M	347
1	SPREADER BEAM 12M	450
1	SPREADER BEAM 13.4M	400
1	SPREADER BEAM 20M	400
2	SPREADER BEAM 5.5m	600



4,5M, capacity 90T



7,8M, capacity 87T



5,5M, capacity 400T



2,05M, capacity 30T



4,1 - 15M, capacity 150T



3,8M, capacity 35T

Lifting beams up to 2000 Ton on request



# TENSION MACHINES FOR CABLE / WIRE / ROPE



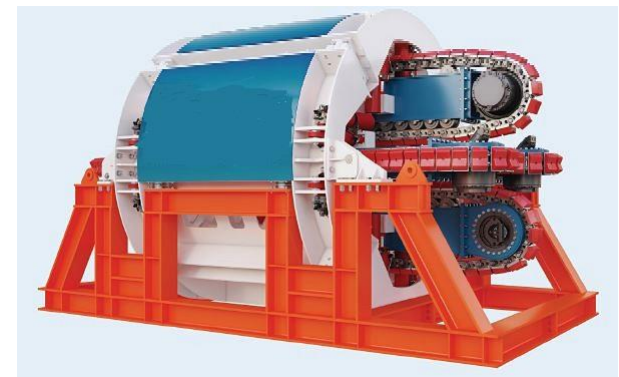
- *Cable drum tensioner provide up to 15 Ton back tension also with constant tension function.*

## **Specifications 15 T drum tensioner:**

- *Back tension* 1 – 15 Ton
- *Max line speed* 10 m/min
- *Drum diameter* 3 meter
- *Dimensions WxLxH* 2.2m x 3.7m x 3.95m
- *Weight* 12 Ton
- *Track tensioners provide up to 150 Ton back tension for installation or recovery of flexibles cables, umbilicals and steel pipe products.*
- *Tracks fitted with 'V' shaped pads operate by gripping the product between the opposing track carriages with failsafe hydraulic cylinders.*

## **Specifications 150 T track tensioner:**

- *Back tension* 15 – 150 Ton
- *Max line speed* 0-500 m/hr
- *Track contact length* 5.5 meter
- *Nominal squeeze/m* 1500 Ton (4 x 375 Ton)
- *Dimensions WxLxH* 4.5m x 8.5m x 5.1m
- *Weight* 98 Ton



# WINCHES & EQUIPMENT



Manual, airdriven or electric lifting and pulling winches including associated equipment for long and short term rental. Capacity from 500 kg to 200 ton, see below a selection of our equipment.

**For more winch details, contact us for our winch rental catalogue.**



5 Ton manual winch 50 T holding



5 Ton manual winch 50 T holding



6.5 Ton lifting winch



10 Ton lifting winch



15 Ton pulling winch



17 Ton lifting winch



20 Ton trailer winch



25 Ton lifting winch



# WINCHES & EQUIPMENT



Manual, air driven or electric lifting and pulling winches including associated equipment for long and short term rental. Capacity from 500 kg to 200 ton, see below a selection of our equipment.

**For more winch details, contact us for our winch rental catalogue.**



20 Ton lifting winch



40 Ton lifting winch



75 Ton lifting winch



90 Ton lifting winch



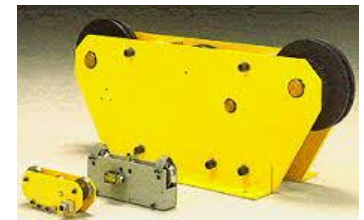
200 Ton lifting winch



Diesel and electric Power packs



Fairleads, Sheaves and Blocks



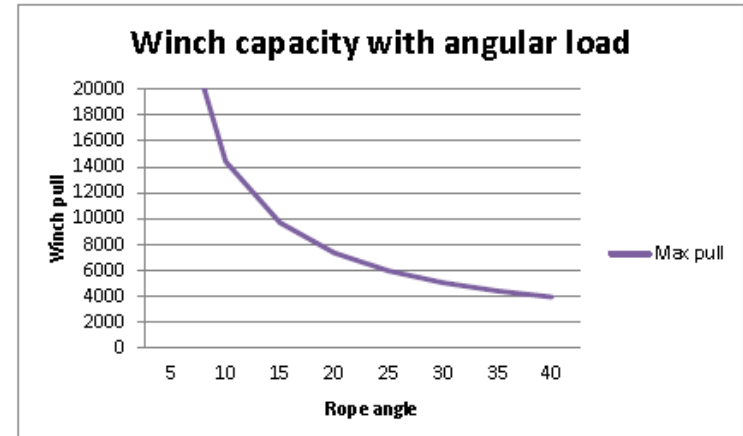
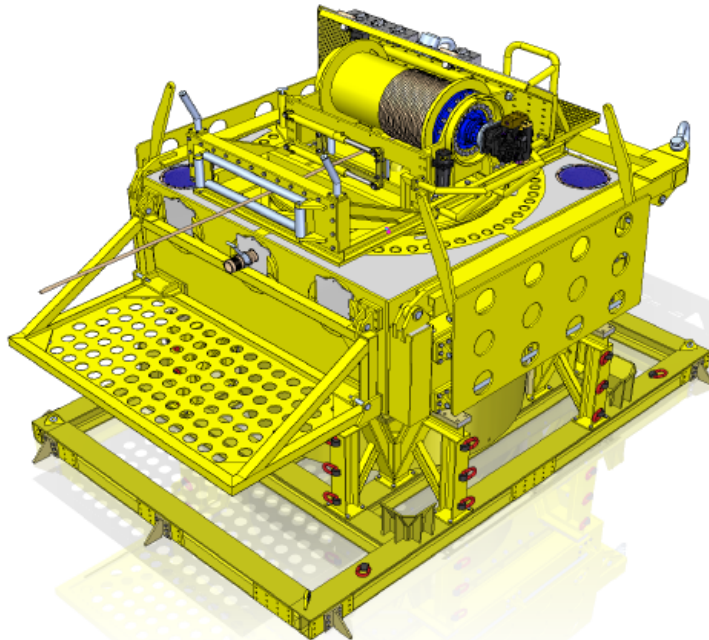
Running line monitors and load cells

# WINCHES & EQUIPMENT

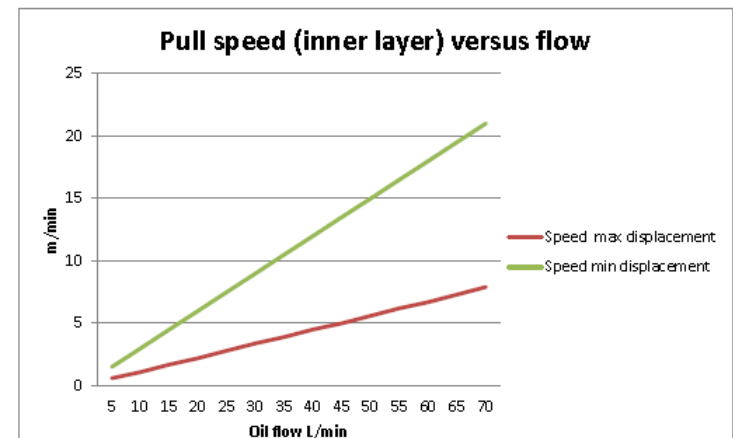


## 15 Ton subsea winch with integrated suction anchor and swivel plate

### 1.6 General Data



Below is a speed versus flow graph for the two speed choices.



No	Description	
1.	Max pull force in horizontal direction @210bar	15Ton
2.	Overall dimensions LWH	See general arrangement drawing
3.	Total weight in air ROSW (With suction chamber)	24,7T
4.	Total weight in air ROSW (whiteout suction chamber)	22,6T
5.	Total weight in water ROSW (With suction chamber)	18,5T
6.	Total weight in water ROSW (whiteout suction chamber)	15,6T
7.	Weight sea fastening frame	2,85T
8.	Speed @ 30L/min	9 m/min



# WINCHES & EQUIPMENT



## 5 Ton subsea pull in winch

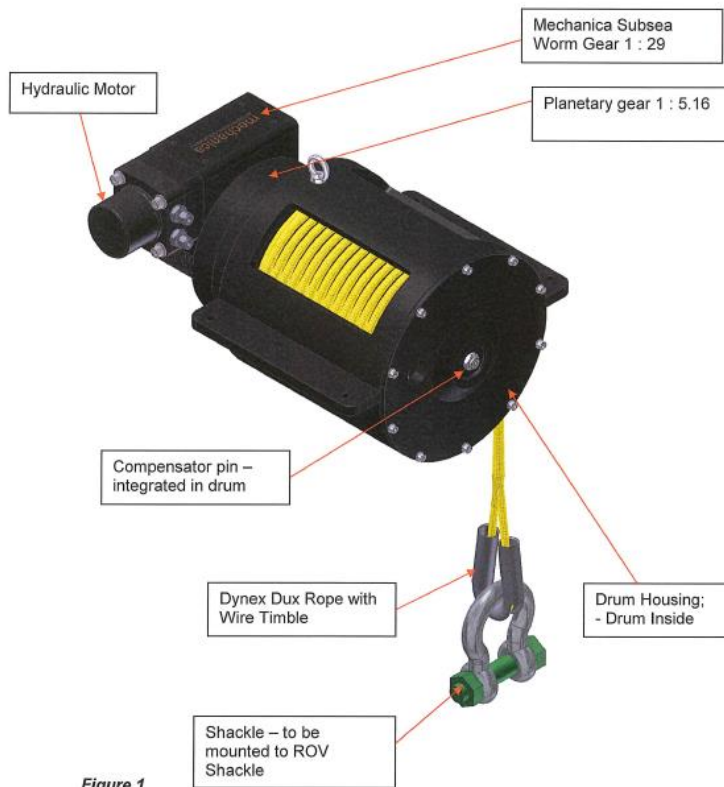


Figure 1

Description	Capacity
Horizontal pulling force @ 210 bar	5 Ton
Speed @ 15 liter / min @ 140 bar	60 m/min
Operation hydraulic oil	Tellus 32
Max water depth	2000 meter
Rope capacity (11 mm Dynex Dux 75 or similar)	20 Meter
Total weight in air	122 kg
Total weight in water	81 kg
Winch dimensions L x W x H	609 x 490 x 402 mm