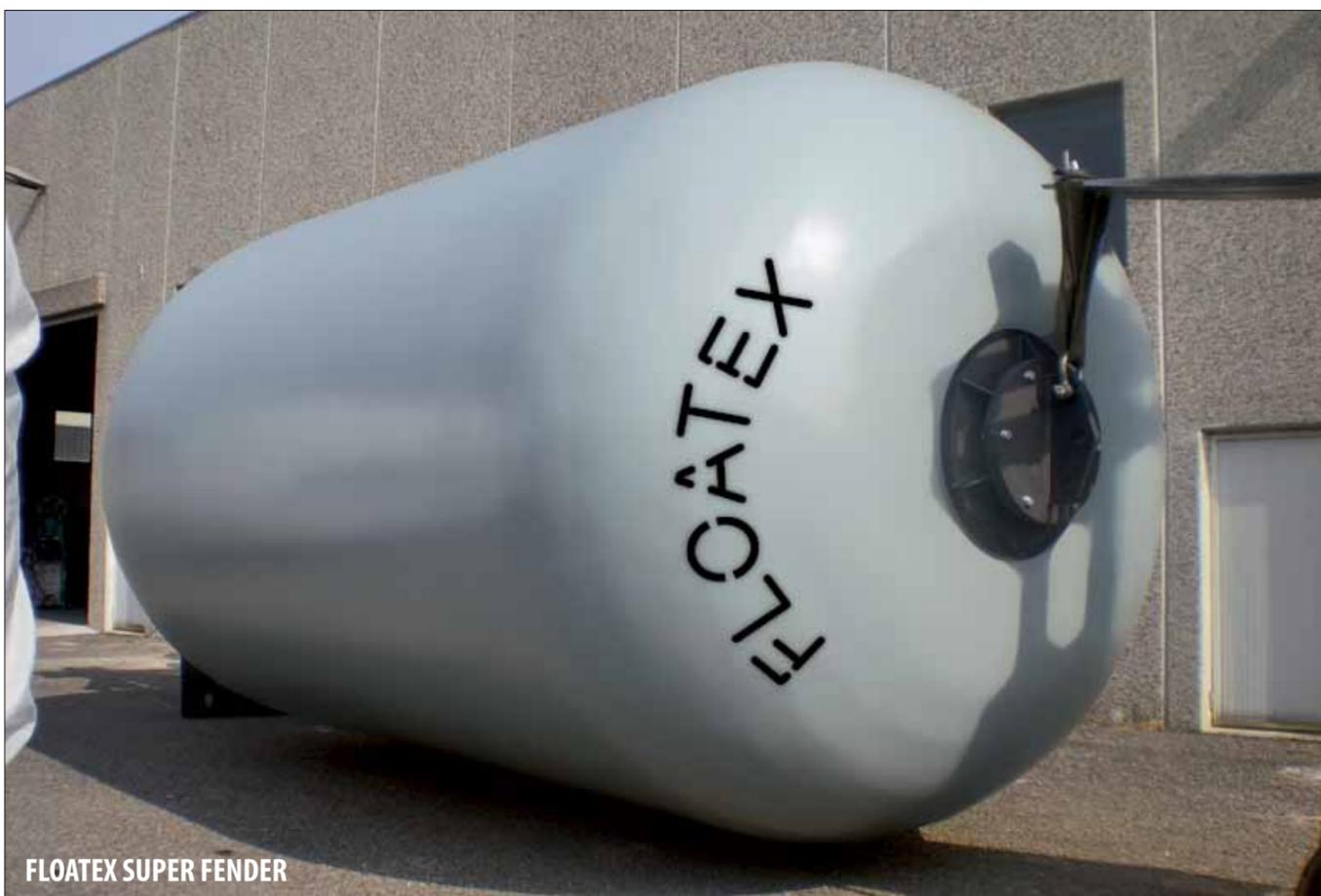


# FLOATEX®

Floatex Magazine n.2 / november 2009

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## 2009: first half-year

### Extended Production Facilities



The first six months of 2009 have been very busy for Floatex, Associated Companies and branches.

The latest upgrading and machinery investments have given the Company a wider range of business opportunity, increasing the overall production capacity and shortening the average delivery times.

Floatex Engineering Department has developed a lot of new products for the dredging, offshore, A. to N. and last but not the least fish farming

and professional fishing fields of application.

Floatex has now a total of 5 state of the art rotomoulding machines fully equipped and expressly engineered for the production of floatation materials for marine use.

The above mentioned machines are giving Floatex the opportunity to be prestigiously one of the major leading Companies in the specific field of the production of floating equipment for offshore and dredg-

ing industry.

To back-up the production cycle, 4 computer aided foam injection machines are in full service.

Nowadays the market requires competitive prices, highly qualified products and Floatex is ready for the challenge with the investment done in the aim to full fill market requirements.

Production of basic P.U. components are made in Floatex premises utilizing a self engineered double mixing machine.

The above mentioned state of the art machine is equipped with temperature controlled double mixing containers as well as vacuum facility and speed controlled mixers.

Floatex policy has been always the research of innovative products utilizing non toxic materials for the workers as well as for the end users. Floatex internal laboratory facilities are fully dedicated in the research and development of materials matching the Company policy.

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## Super fender

Floatex has been awarded a contract for the production of 10 floating fenders.

Of course it is not the first contract of the kind that Floatex has been awarded, but those 10 floating fenders are quite unique for size and general characteristics.

As a matter of fact each fender has external diameter of 3500mm and a overall length of about 7000mm.

Thanks to SIMAN company of La Spezia, an Italian very successful

shipyard company specialized in the construction of a variety of vessels for civil and military use, Floatex has been awarded this significant contract for the supply of those huge floating fenders that will be utilized by the Italian Military Marine for the new Cavour air carrier.

Floatex floating fenders will be used to prevent ship damages during berthing.

The product has been studied specifically to grant great abrasion and compression resistance.

Floatex is specialized in the development and production of "Tailor made" products and those huge floating fenders are a good example of this policy and Company capacity.





## New floatation for "Y" pieces



preciated ones, should have at least the following improvements:  
 A) a better design;  
 B) easier to operate;  
 C) faster to produce;  
 D) easier to maintain and, last but not the least to be economically more attractive.

Floatex has developed a new concept of floating 'Y' pieces. Starting from the well know and appreciated as the best performance designed 'Y' piece metallic structure, a completely new concept floating unit has been produced.

To be able to be declared a leading company Floatex has been recognized to have outstanding capacity to be innovative.

Therefore Floatex is proud to present the latest design for floating 'Y' pieces.

Generally speaking, products designed to substitute some very ap-

The integral floatation body system manufactured in rotomoulded polyethylene, splitted into two modules, joined together with stainless steel bolts.

TYPE	SUITABLE FOR
A	Y 20"x2x12" (ASA 150)
A	Y 20"x2x16" (ASA 150)
A	Y 20"x2x16" (ASA 300)
B	Y 24"x2x16" (ASA 150)
B	Y 24"x2x16" (ASA 300)
B	Y 24"x2x20" (ASA 150)

The polyethelene modules are duly filled with closed cell polyurethane foam to guarantee unsinkability.

The minimum reserve buoyancy is 25%. It is easy to define imme-

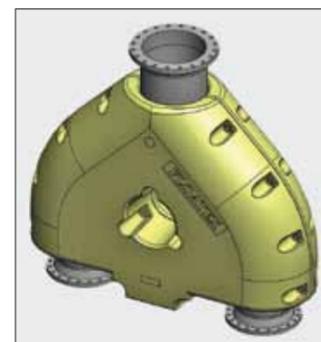
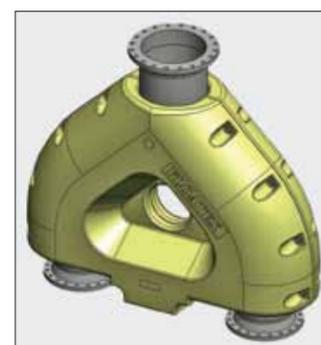
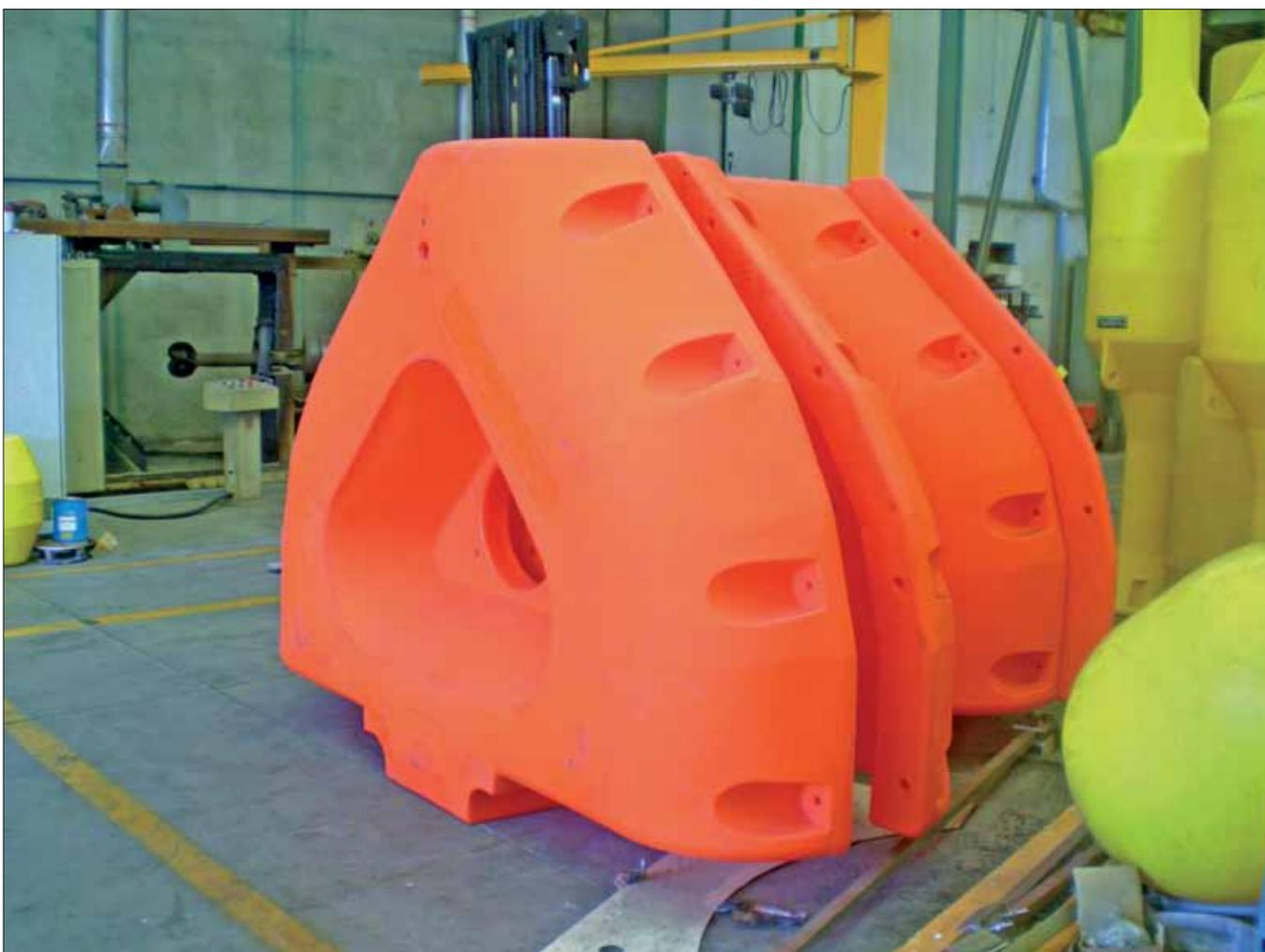
diately few advantages achieved:

The floating modules, thanks to its construction, are easily removable.

The floating modules can be replaced or sim-

ply repaired directly on site.

The steel structure can be controlled, repaired, treated or changed simply removing the floatation modules.



## Company and products latest news

### **ROTATIONALLY MOULDING DEPARTEMENT**

The fifth state of the art rotomoulding machine has just arrived and will soon enter in full scale production.

The latest unit will be installed in the new added

production facility of 1000m<sup>2</sup>.

The new rotomoulding machine will be able to produce spherical shape products with an external diameter of about 2500mm. It is equipped with 3 independent arms and a new cooling system to optimize quality of the product and

short production times.

### **P.U. ELASTOMER, COVER AND INJECTION FILING DEPARTMENT**

Floatex has realized quite a number of moulds to produce special umbilical retainers in P.U. elastomer.

In as much Floatex is developing a new machine for special P.U. elastomer application and the prototype equipment has given very good ensuring result.

### **OFFSHORE NEWS**

Floatex has been awarded several contracts for the supply of pipe deployments/tie-in type of floats for different water depths.

The latest floats have also been equipped with a special tag marking system allowing easy recognizing for stocking purposes.





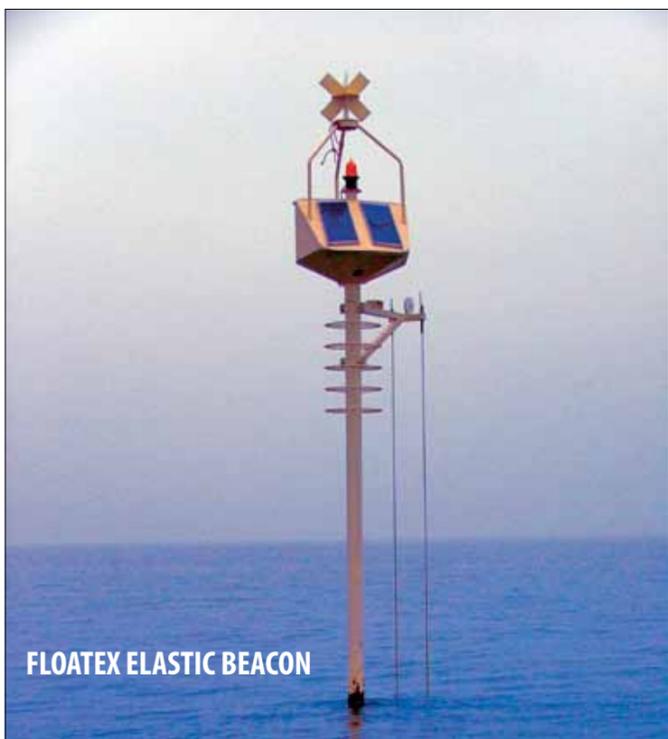
## A. to N.

During this period of economic world wide general recession, almost every field has been touched and general budget have been drastically reduced. Public administrations as well as private sector companies, are struggling with very limited budgets, and it is

difficult to be able to combine technical innovation, quality and of course production price. To overcome as much as possible the above problems, Floatex has taken different steps against the competition and instead of following the "outsourcing" wave or method, Floatex has invested a lot to be able to engineer, produce and realise the products in its own facilities. I.A.L.A.(International Association Lighthouse Authority) guidelines are followed meticulously and Floatex has generated a huge amount of latest generation of floating aids to navigations to suit and match customers most different requirements, FLOATEX after sales service division counts on a very well trained team of highly qualified technicians. They are able to assist and perform A. to N. installations as well as grant proper after sale service. The department is fully equipped to assist customers on Floatex A.to N. as well as other branches products.



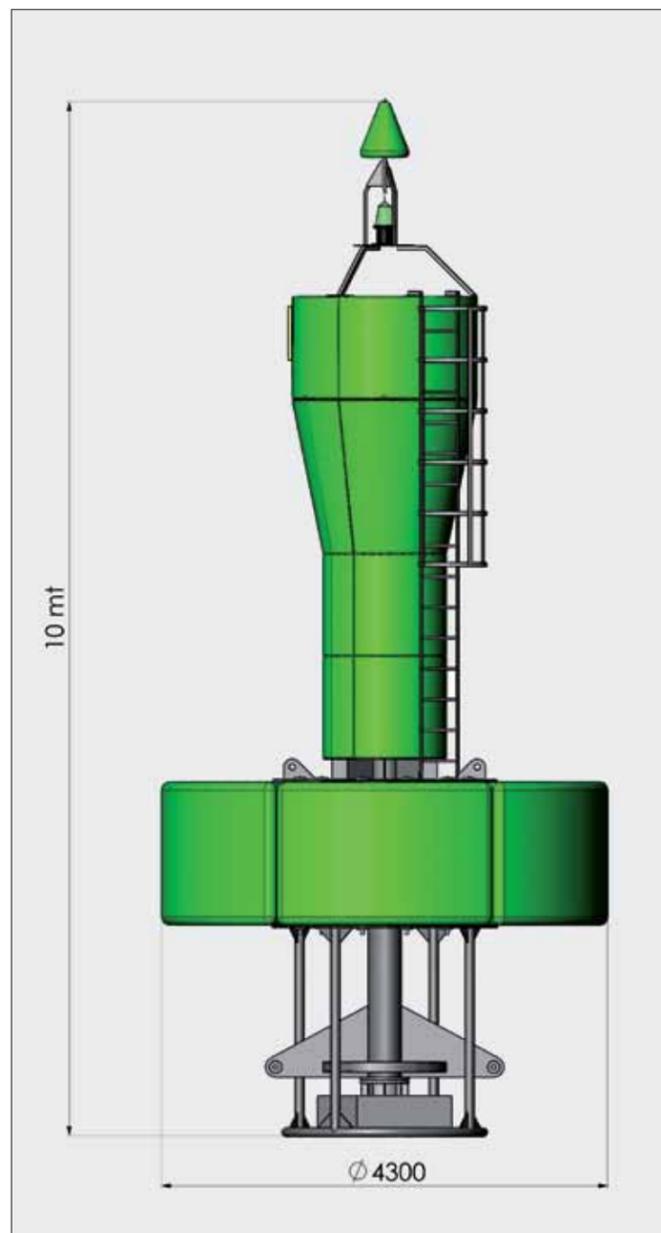
TECNICAL ASSISTANCE SERVICE



FLOATEX ELASTIC BEACON



MPE 4314 FLOATEX BUOY



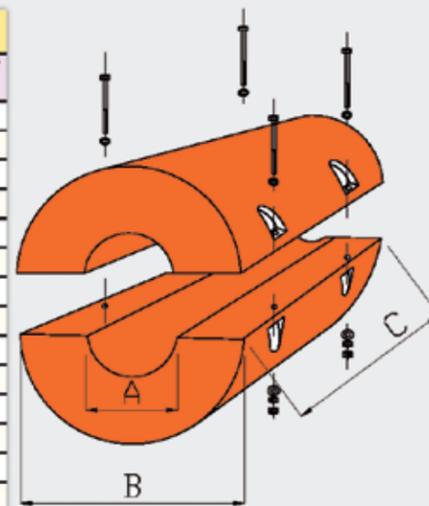
## Dredging

Floatex is fully dedicated to the Dredging Industry by developing new floating solutions for the various type of necessities. Floatex is fully dedicated to the Dredging Industry by developing new floating solutions for the various type of necessities. Floatex is fully dedicated to the Dredging Industry by developing new floating solutions for the various type of necessities.



DREDGING FLOATS INSTALLATION

TECHNICAL CHARACTERISTICS OF DREDGING FLOATS TYPE "SD - FLOAT"					
TYPE	A (mm)	B (mm)	C (mm)	WEIGHT (Kg)	BUOYANCY (Kg)
SD 85/4	90	370	410	3,4	25
SD 160/7	160	650	750	40	160
SD 170/10	170	520	1000	30	144
SD 200/7	200	650	750	34	158
SD 225/7	225	650	750	34	158
SD 250/7	250	650	750	34	158
SD 250/12	250	750	1200	56	384
SD 300/7	315	600	700	44	245
SD 350/8	350	900	800	55	350
SD 350/12	350	1000	1200	85	700
SD 400/8	420	1000	800	64	415
SD 450/8	450	1150	800	80	600
SD 500/8	500	1200	800	85	570
SD 570/9	570	1300	980	134	881
SD 600/8	600	1400	800	100	780



necessary applications. The well known Floatex "Tailor made" type of products to suit specific Customer needs, has been applied in the construction of several floating units to be utilised on floating lines for hopper dredger units.

our web site catalogue, but as previously advised, Floatex is capable to develop "tailor made products" to match the customers exact needs.



Floatex has as well man-



DREDGING FLOATS INSTALLATION



FLOATING DEVICE FOR HOPPER DREDGERS

## Hoisting and mooring equipments

### Introduction

Our production facility of 2600 square meters, equipped with modern machinery, 4 overhead cranes with a capacity from 3 upto 8 tons and our longtime manufacturing experience allows Floatex KSC BV to provide high quality wirerope and rigging products and services for the Offshore-, Oil and Gas- and other related industries.



Floatex KSC BV is specialised in accessorizing steelwireropes.



Depending on client requirements, we can manufacture all types of end products, such as:

- Steelwirerope slings with soft eyes;
- Steelwirerope slings with hard eyes;
- Socketed towing- and pennantwires;
- Swaged terminals;
- Endless lashing grommets;
- Cablelaid grommet slings;
- 4-legged sling assemblies;
- 2-legged sling assemblies;
- Cablelaid slings;
- Cleaning, inspection, measuring, regreasing wirerope.

Steelwirerope slings are usually manufactured with flemish eyes according to the 'superloop'system, but can also be aluminium

- General Purpose steelwirerope
- Stainless steel wire rope
- High Performance wire rope
- Slings
- Grommet Slings
- Shackles
- Sockets
- Thimbles
- Links
- Swivels
- Hooks
- Turnbuckles
- Chain and accessories
- Anchors
- Synthetic ropes
- Wire rope spooling devices

talurit clamped. Floatex has the possibility to swage steel sleeves upto 4" wirerope diameter, and has the use of 2 modern, high-quality presses.



### Testing and Inspection

Inspection of hoisting materials starts with a visual and dimensional check of all relevant parts.

Depending on necessity, this visual inspection is followed by an actual proofload or test to destruction, which can include the following:

- Static or cyclic testing
- Hold-testing
- Magnetic Particle Inspection.

Floatex KSC BV regularly inspects materials from The Netherlands, Belgium, Germany and Italy, according to all relevant current 3rd-party requirements (Lloyds Register of Shipping, DNV, and others). The tested materials vary from anchorchains, fibreropes, shackles,

We regularly perform tests under supervision of 3rd party surveyors, such as Lloyds's Register, RINA, Bureau Veritas en Germanisch Lloyd's.



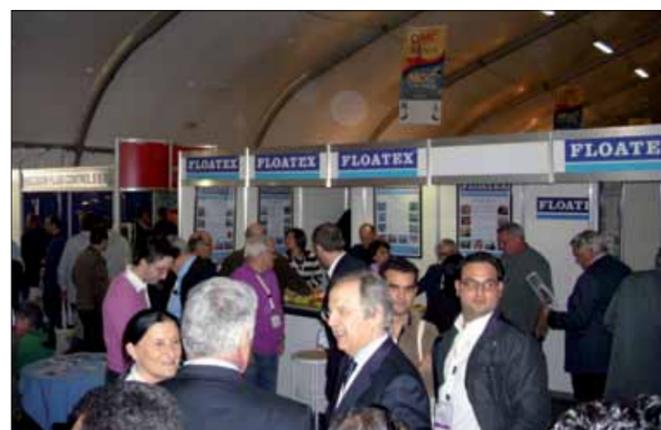
### HMC Company Visits Floatex KSC B.V.

In cooperation with Heerema Marine Contractors, more than 40 people of Young Heerema visited Floatex KSC B.V. for an introduction on rigging equipment on Friday 5th June 2009. This event was a great success.

Demonstrating the production of steelwirerope slings with various end-fittings (flemish eyes, sockets and grommets), they managed to witness the whole production process from uncut steelwire to pressed slings.



## 2009 Exhibitions



Floatex successful participation to various worldwide exhibitions



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See us at the following international exhibitions:

