

Address

No 185,Hanzhong Road, Baixia Dist, Nanjing City,
Jiangsu Province, PR China

Telephone

+86-25-84507790 / 86653599

Email

benny@chinarubberfender.com

Fax

+86-25-84660486

Post Code

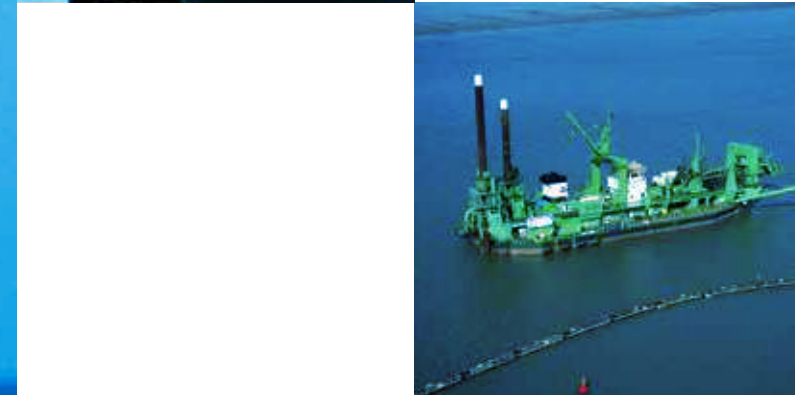
210002

Skype

evasky86

www.chinarubberfender.com

www.globaldredge.com



DEERS

Nanjing Deers Industrial Co.,Ltd.

Dredging Hoses & Rubber Fenders



CUSTOMER FOCUS
PURSUING INNOVATION



Nanjing Deers is focused on producing dredging pipeline, mariner rubber fender and other marine products. We have a complete sets of production lines for dredging rubber hoses, rubber fenders and so on. We also own complete sets of testing facilities, moulds, which can meet customer demands and requirements.

Meanwhile, We have strict management systems including production, quality control, package, transportation and after-sales service. And our products can be inspected and tested by customers and any third party like SGS, CCS, BV, DNV, ABS, LR and so on. Our rubber fenders are approved by PIANC2002.

Our products are being used in the world. Our expertise, excellent quality and service, competitive price can satisfy our customers.

Our company concept is QUALITY FIRST, CUSTOMER FOCUS, PURSUING INNOVATION.

CONTENTS

01	Certificates
03	Rubber Fenders
05	Super Cell Fender
06	Super Cone Fender
07	Cylindrical Fender
08	D Fender
09	Super Arch Fender
10	MV Fennder
11	Pneumatic Fender
12	Foam Filled Fender
13	Air Bag
14	Tug Fender
15	Other type fenders and accessories
17	Rubber Fender Application
21	Dredging Hoses
23	Discharge Hose
24	Suction Hose
25	Floating Hose
26	Armoured Hose
27	Tapered Floating Hose A&B
29	Ceramic Hose
30	Expansion Joint
31	HDPE Pipe
32	PE Floaters
33	Other type hoses and pipes
35	Rubber Fender Production Equipment
36	Dredging Hose Production Equipment
37	Rubber Testing Equipment
39	Rubber Fender Testing
41	Dredging Hose Testing



Pneumatic rubber fenders
DNV Certificate



Pneumatic Rubber Fender
BV Certificate



Cylindricalrubber fender
BV Certificate



Cone Fender1000
BV Certificate



Armored discharge
rubber hoses
DNV Certificate



PIANC2002 Certificate



PIANC2002 Certificate



SGS Certificate



ABS Certificate



V500 Fender Bv Test Certificate



M800 Fender Bv Test Certificate



850 Armored Hose Bv Test Certificate



CEDA Membership Certificate



Ceramic Hose Patent
Certificate



CCS Certificate



ISO9001:
2008 Certificate



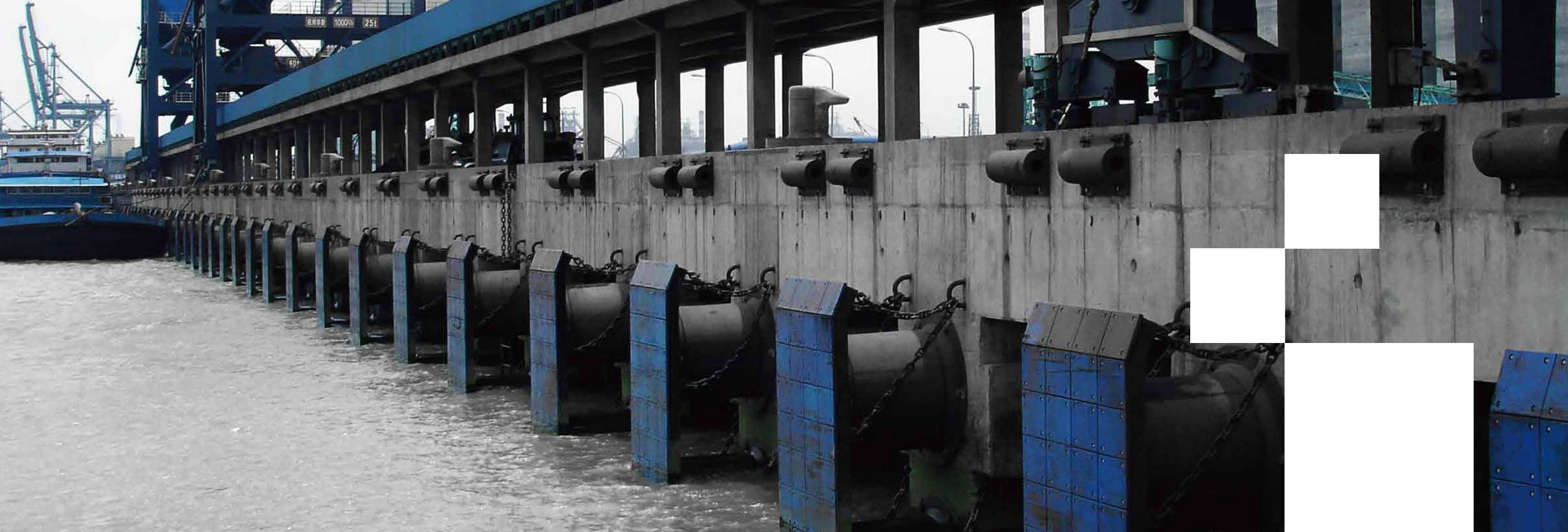
CCCC Tianjin
Dredging Co.,Ltd Certification
of Use Dredging Hose



China Harbour Engineering
Company Certification
of Use Dredging Hose

Certificates

Certificates



Rubber Fenders

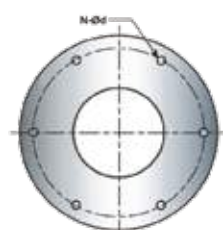
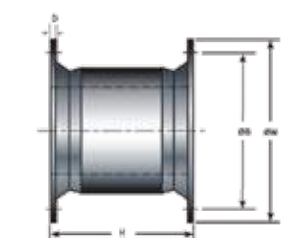
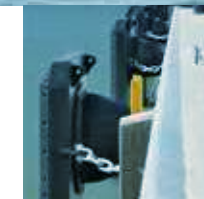
CUSTOMER FOCUS / PURSUING INNOVATION

DRS



■ SUPER CELL FENDER

■ SUPER CONE FENDER



■ Features:

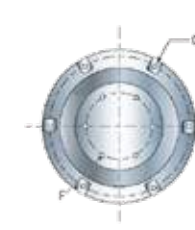
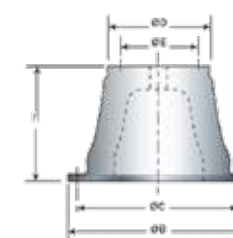
High E. A and low reaction force
Simple and economical design
Easy to install and maintain
Thick wall resists abrasion and shear

■ Application:

Container Berths
Oil and Gas Berths
General Cargo Berths
Ore Berths
Shipyard
Bulk terminals
RoRo and cruise terminals
Multi-user berths

■ Specification:

Specification	H(mm)	ØW(mm)	ØB(mm)	D(mm)	N*Ø
SC630H	630	840	700	25	4*39
SC800H	800	1050	900	30	6*40
SC1000H	1000	1300	1100	35	6*47
SC1150H	1150	1500	1300	37	6*50
SC1250H	1250	1650	1450	40	6*53
SC1450H	1450	1850	1650	42	6*61
SC1600H	1600	2000	1800	45	8*61
SC1700H	1700	2100	1900	50	8*66
SC2000H	2000	2200	2000	50	8*74
SC2250H	2250	2550	2300	57	10*74
SC2500H	2500	2950	2700	70	10*74



■ Features:

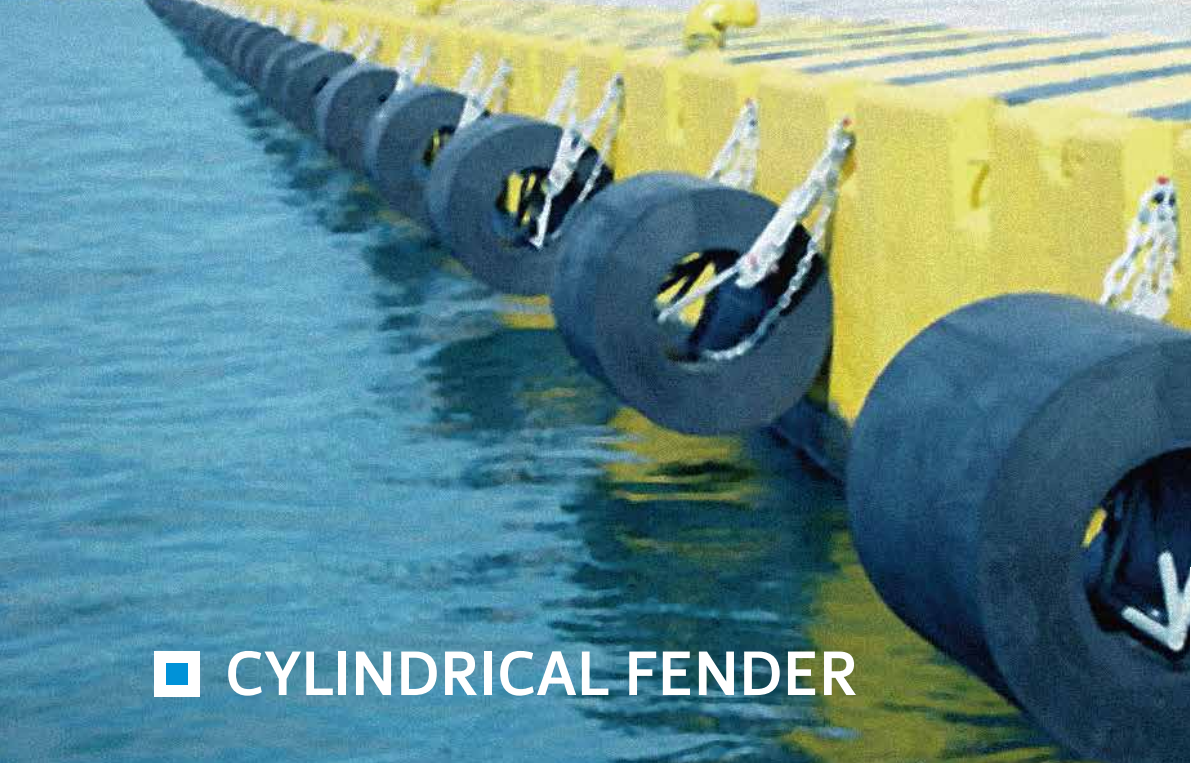
High E. A and low reaction force
Easy to install and maintain
High Performance
Can support large panels
Strong, Well-proven design
Ideal for low hull pressure systems

■ Application:

Container Berths
Oil and Gas Berths
General Cargo Berths
Ore Berths
Shipyard
Bulk terminals
RoRo and cruise terminals
Parallel motion systems
Monopiles and dolphins

■ Specification:

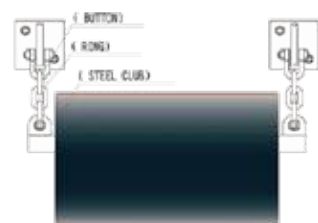
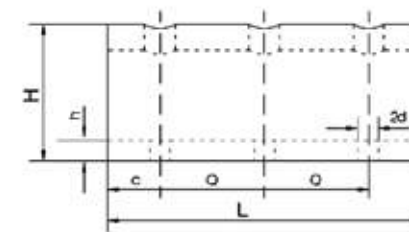
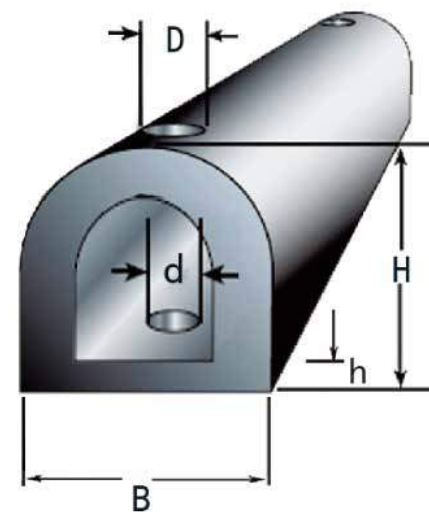
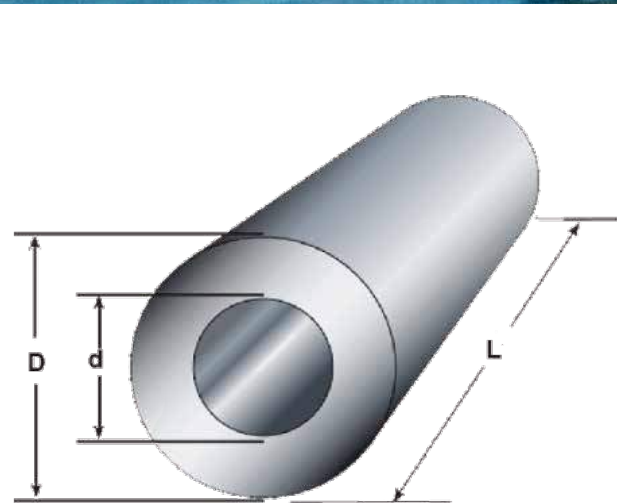
Specification	H (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
CONE600H	600	900	810	510	390	6*M24	6*30
CONE700H	700	1050	945	595	455	6*M30	6*38
CONE800H	800	1200	1080	680	520	6*M36	6*44
CONE900H	900	1350	1215	765	585	6*M36	6*44
CONE1000H	1000	1500	1350	850	650	6*M42	6*50
CONE1100H	1100	1650	1485	935	715	6*M42	6*50
CONE1150H	1150	1725	1550	998	750	6*M42	6*50
CONE1200H	1200	1800	1620	1020	780	8*M42	8*50
CONE1300H	1300	1950	1755	1105	845	8*M48	8*56
CONE1400H	1400	2100	1890	1190	930	8*M48	8*60
CONE1600H	1600	2400	2158	1360	1040	8*M48	8*60
CONE1800H	1800	2700	2428	1528	1170	10*M56	10*74



■ CYLINDRICAL FENDER



■ D FENDER

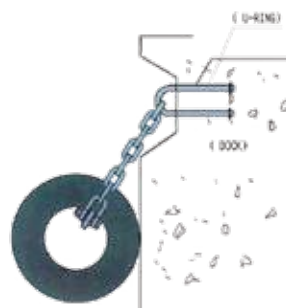


■ Features:

- High E. A and low reaction force
- Simple and economical design
- Easy to install and maintain
- Thick wall resists abrasion and shear

■ Application:

- Bulk cargo berths
- General cargo quays
- RoRo and ferry terminals
- Fishing and workboat berths
- Pontoons and floating structures
- Tug havens



■ Specification:

Specification	L(mm)	D(mm)	d(mm)
Y150	500-5500	150	75
Y200		200	100
Y250		250	125
Y300		300	150
Y400		400	200
Y500		500	250
Y600		600	300
Y700		700	350
Y800		800	400
Y900		900	450
Y1000		1000	500
Y1100		1100	550
Y1200		1200	600
Y1400		1400	700
Y1600		1600	800
Y1800		1800	900
Y2000		2000	1000

■ Features:

- Cheap and economic.
- Low weight, easy installation & maintenance.
- Applicable for frame docks due to the smaller bottom width.

■ Application:

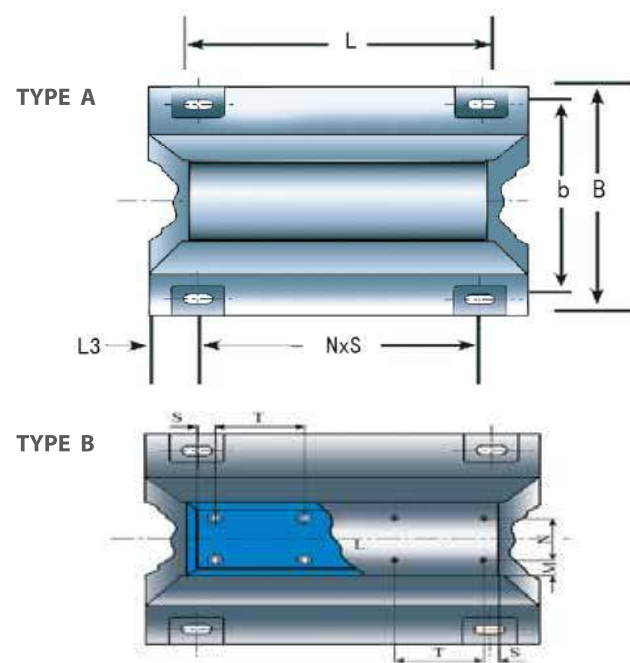
- Smaller jetties and wharves
- Workboats and service craft
- Mooring pontoon protection
- Inland waterways
- General purpose applications

■ Specification:

Model	L (mm)	A (mm)	D (mm)	d (mm)	B (mm)	H (mm)	h (mm)	P (mm)	n Fastening Points
D200H	1000	200	55	28	200	200	30	600	3
D200H	1500	150	55	28	200	200	30	600	3
D200H	2000	250	55	28	200	200	30	500	4
D300H	900	150	65	32	300	300	40	600	2
D300H	1000	200	65	32	300	300	40	600	2
D300H	1500	150	65	32	300	300	40	600	3
D300H	2000	250	65	32	300	300	40	500	5
D300H	1000	200	65	32	360	300	40	600	2
D300H	1500	150	65	32	360	300	40	600	3
D400H	1500	150	65	32	400	300	55	400	4
D400H	2000	200	65	32	400	400	55	400	5
D500H	1000	150	55	28	500	400	60	350	3x2
D500H	1500	150	55	28	500	500	60	400	4x2
D500H	2000	200	55	28	500	500	60	400	5x2



■ SUPER ARCH FENDER

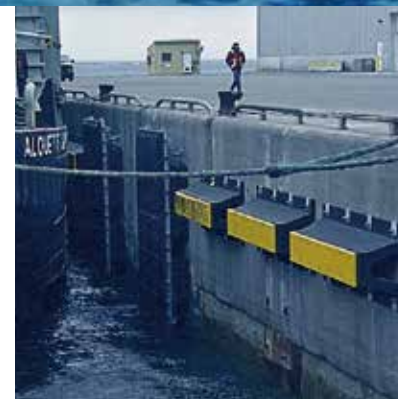


■ Features:

High E. A and low reaction force
Easy to install and maintain
Excellent shear performance
Wide ranges of sizes

■ Application:

RoRo berths
General cargo
Workboat harbours
Barge and tug berths
Fishing Port
Yacht Harbor



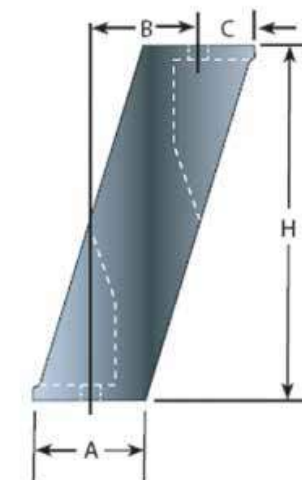
■ Specification:

Model	B(mm)	b(mm)	c(mm)	d(mm)	H(mm)	h(mm)	S(mm)
SA-A200H	400	320	145	128	200	30	260
SA-A250H	500	410	175	160	250	33	300
SA-A300H	600	490	225	196	300	33	300
SA-A400H	800	670	300	260	400	40	360
SA-A500H	1000	840	375	325	500	45	420
SA-A600H	1200	1010	450	390	600	54	480
SA-A800H	1600	1340	600	520	800	72	640
SA-A1000H	2000	1680	750	650	1000	90	640

Specification	UHMW connect with UHMW face pad				connect with front panel							Length
	M	N	S	T	S	T	MD	Md	X			
SA-B150	49	0	60	300-400	125	250-300	M22	M16	35	1000-3500		
SA-B200	65.5	0	60	300-400	125	250-300	M24	M16	35	1000-3500		
SA-B250	50	64	60-85	300-400	125	250-300	M27	M16	35	1000-3500		
SA-B300	60	105	65-85	300-400	125	250-300	M30	M16	40	1000-3500		
SA-B400	60	180	65-85	300-400	125	250-300	M36	M16	45-50	1000-3500		
SA-B500	65	245	65-85	300-400	125	250-300	M42	M16	50-55	1000-3500		
SA-B600	70	310	65-85	300-400	125	250-300	M48	M16	50-55	1000-3500		
SA-B800	80	440	65-85	300-400	125	250-300	M64	M16	55-60	1000-3000		
SA-B1000	90	570	65-85	300-400	125	250-300	M65	M16	60-70	1000-2000		



■ MV FENDER



■ Features:

High E. A and low reaction force
Easy to install and maintain
Versatile modular system
Highly efficient shape
Strong in lengthwise shear

■ Application:

bulk cargo terminal
RoRo and cruise ships
Dolphins and monopiles
Bulk and general cargo berths
Fender walls
Small craft berths

■ Specification:

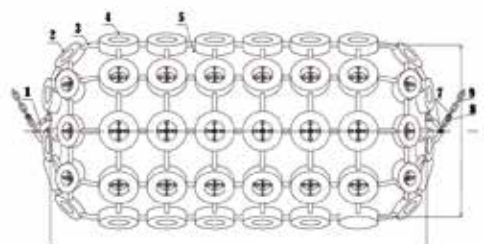
specification	H	A	B	C
I300H	300	94	94	47
I400H	400	125	124	63
I500H	500	158	142	87
I550H	550	172	170	87
I600H	600	188	199	87
I750H	750	235	230	118
I800H	800	250	240	129
I1000H	1000	322	310	162
I1250H	1250	451	388	202
I1400H	1400	454	454	228
I1600H	1600	500	480	257



■ PNEUMATIC FENDER



■ FOAM FILLED FENDER



■ Specification:

Normal Size		Performance(inner pressure 50kps,60%deflection)		(Kpa) Hull pressure(internal pressure) at GEA deflection
(mm) Diameter	(mm) Length	(KN) Reaction force at GEA	(KN.M) Guaranteed energy absorption (GEA)	
500	1000	84	6	132
600	1000	74	8	126
700	1500	137	17	135
1000	1500	182	32	122
1000	2000	257	45	132
1200	2000	297	63	126
1350	2500	427	102	130
1500	3000	579	153	132
1700	3000	638	191	128
2000	3500	875	308	128
2500	4000	1381	563	137
2500	5500	2019	943	148
3300	4500	1884	1175	130
3300	6500	3015	1814	146

■ Application and Features

1. Easy to install and maintain
- 2.Reduce shock/impact force
- 3.Large docks,bulk carries,large tankers, LPG vessels,ocean platform,floating structures, harbor,wharfs and so on
- 4.Design and testing according to ISO 17357:2002



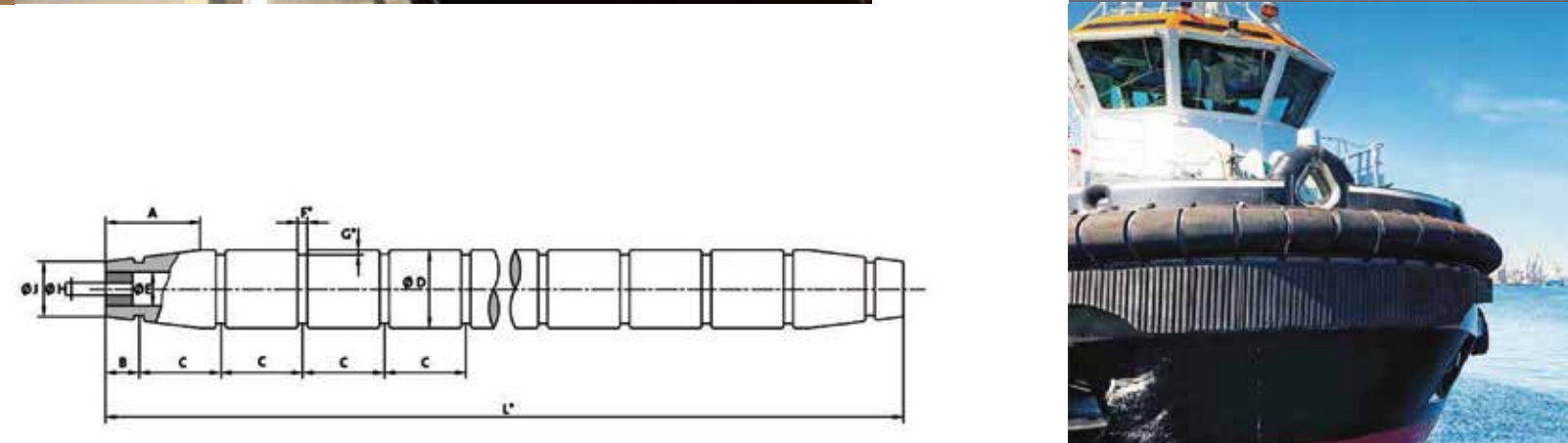
■ Application and Features

- 1.Easy to install and maintain
- 2.Low reaction force and high energy absorption
- 3.Heavy-duty,unsinkable,impact-resistant
- 4.Available colors:orange,red,yellow and so on
- 5.Used on yatchs,docks,bulk carries,large tankers ocean platform,floating structures,harbor,wharfs and so on



■ Specification:

Normal Size		Performance at 60%deflection	
(mm) Diameter	(mm) Length	(KN) Reaction force	(KN.M) Energy absorption
700	1500	13	3
1000	1500	17	5
1000	2000	26	7
1200	2000	28	10
1350	2500	42	16
1500	3000	59	24
1700	3000	63	29
2000	3500	86	47
2000	4000	102	56
2500	4000	118	64
2500	5500	122	82
3000	6000	182	123
3300	4500	234	189
3300	6500	172	153
3300	8500	279	248



AIR BAG

TUG FENDER



Specification :

Diameter	Working Pressure	Working height	Bearing capacity per unit length	
			KN/m	ton/m
D=1.0m	0.20Mpa	0.6m	125.76	12.82
		0.5m	157.16	16.02
D=1.2m	0.17Mpa	0.7m	133.81	13.62
		0.6m	160.3	16.34
		0.9m	112.63	12.5
D=1.5m	0.13Mpa	0.8m	143.03	14.58
		0.7m	163.43	16.66
		1.1m	120.96	12.33
D=1.8mm	0.11Mpa	1.0m	138.22	14.09
		0.9m	155.59	15.86
		0.8m	172.85	17.62
		0.7m	190.22	19.39
D=2m	0.10Mpa	1.2m	125.76	12.82
		1.1m	141.46	14.42
		1.0m	157.16	16.02
		0.9m	172.85	17.62
		0.8m	188.54	19.23

Features

- Excellent performance
- Economic and practical
- Efficient
- Safety and relibale

Functions

- Air-lifting function
- Drain function
- Jack up function

Specification :

Ø D	B	C	A	Ø E	Ø H	Ø J
100	220	700	700	200	800	200
200	250	530	500	100	75	150
250	200	570	500	125	75	190
300	225	600	700	150	75	225
350	250	630	800	175	100	260
400	300	670	800	200	100	300
500	300	720	900	250	100	275
600	350	800	900	300	125	450
700	350	850	1000	250	125	525
800	350	900	1000	400	125	600
900	350	1000	1100	450	150	675
1000	350	1050	1100	500	150	750

Application and Features

1. High suitable for the large wharf
2. Rubber fender is a kind of protection facility suitable to be installed on the wharf. It can be absorbed the energy upon ship alongside and reducing the impact strength to ensure the structure of vessel and wharf harmless.



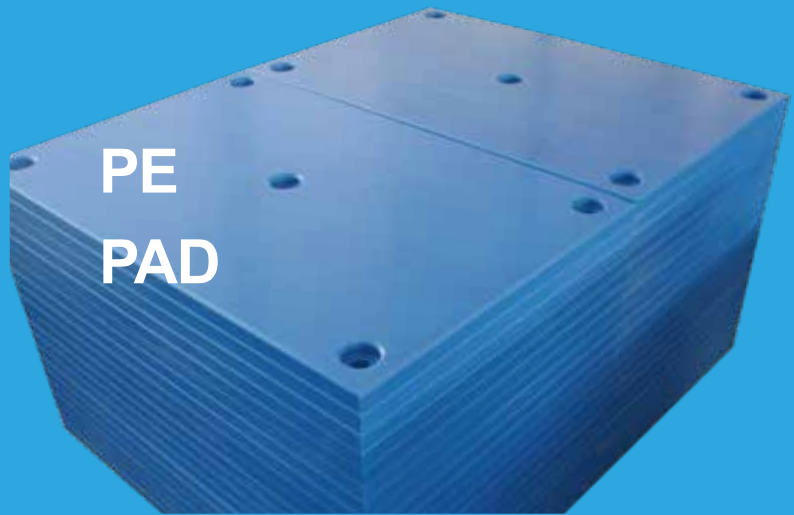
**M
FENDER**



**GD
FENDER**



**FRONTAL
PANEL**



**PE
PAD**



**KEYHOLE
FENDER**



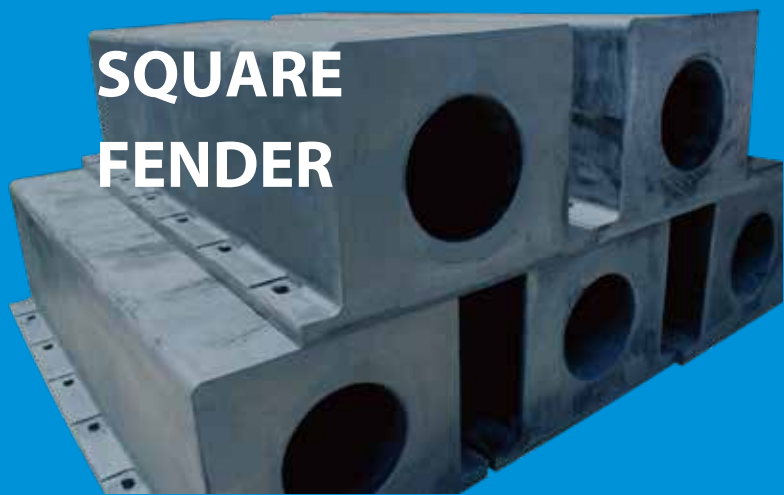
**W
FENDER**



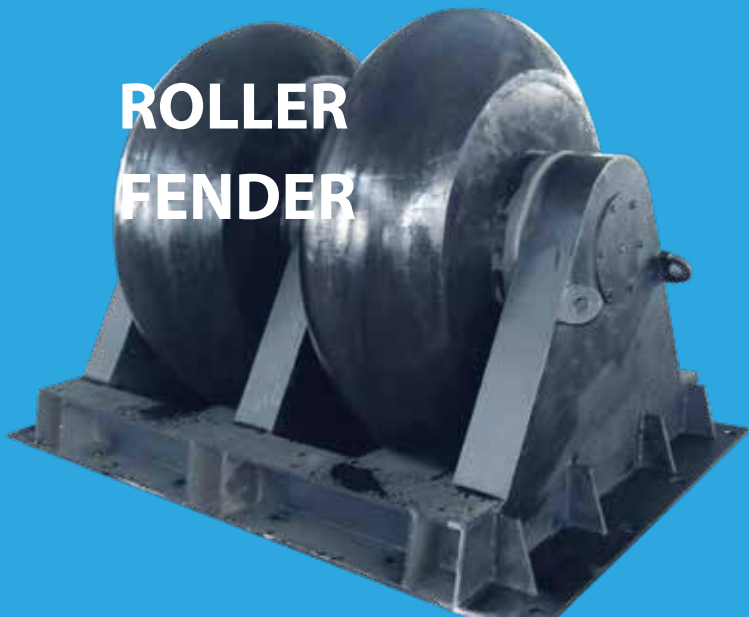
**T200
BOLLARD**



**STAGHORN
BOLLARD**



**SQUARE
FENDER**



**ROLLER
FENDER**



**TENSION
CHAIN**



CHAIN

Rubber Fender Application

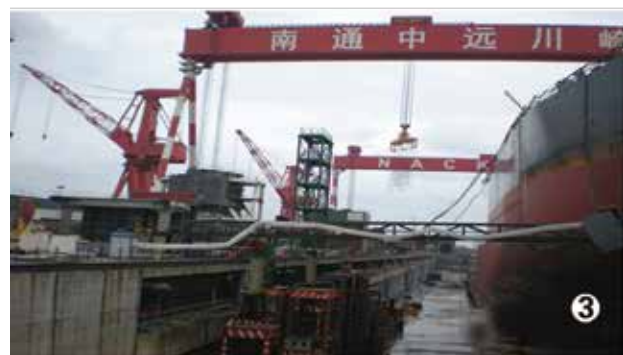


- 1 Ningbo Meishan Bonded port container Terminal
- 2 Qingdao Red star Logistics Liquid chemical Terminal
- 3 Dongjiakou port of Qingdao port Liquid chemical Terminal
- 4 Zhuhai Gaolan port dry bulk terminal
- 5 Shanghai east port of the first project



- 6 Tangshan port Caofeidian Industrial company universal dock
- 7 Wenfu high-speed rail bridge pier collision xiabaishi
- 8 Shanghai waterway Bureau Dredging
- 9 Nanjing Military oil Terminal
- 10 Zhuhai Gaolan port container Terminal
- 11 Zhanjiang port 30 million-ton ore terminal





- ① 10 million tons of oil level in the oil terminal Qinzhou
- ② Gaolan Port Container Terminal in Zhuhai
- ③ Nantong COSCO KHI Phase II project turning
- ④ Ore terminal in Jiangsu Sha Steel Group
- ⑤ PI-type fender Saigon Port

- ⑥ Po over Zhanjiang Port Container Terminal
- ⑦ Caofeidian 30 million tons of terminal

- ⑧ CSSC Jiangnan Changxing Shipbuilding
- ⑨ Datang International Power Generation Ningde



Dredging Hoses

CUSTOMER FOCUS / PURSUING INNOVATION

DRS



■ DISCHARGE HOSE



■ SUCTION HOSE



- Steel flange discharge hose
- Rubber flange discharge hose
- Wear resistant of discharge hoses, suitable for dredging slurry and sand, and the suitable working condition is from -20° to 50°. It's convenient to install and flexible to use, safe, abrasion-resistant and bending-resistant.



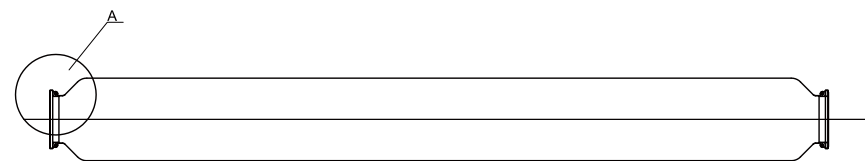
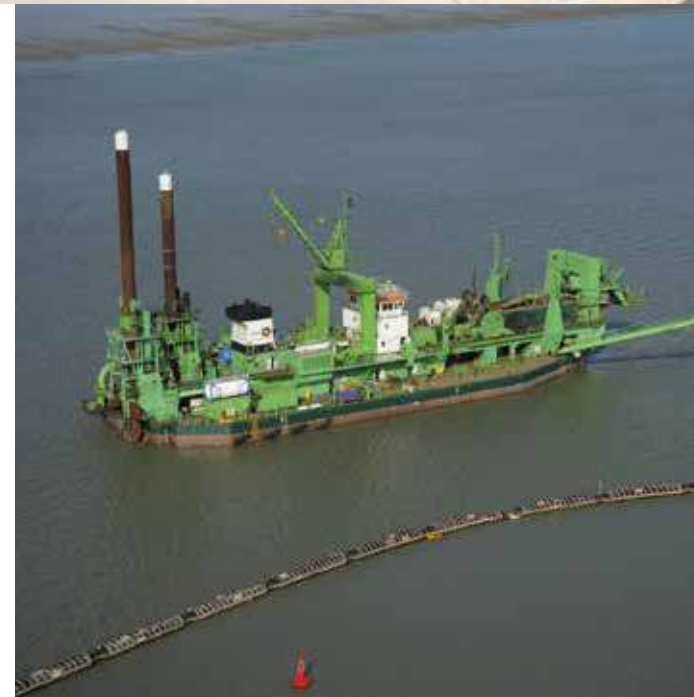
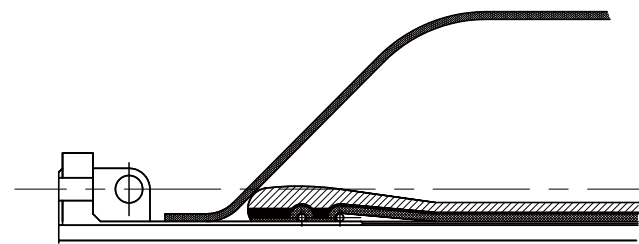
- Suction hoses are available as spiral type or separate ring type, and its diameters are up to 1200 mm for various lengths and pressure ranges. It's suitable for dredging slurry and sand, and the suitable working condition is from -20° to 50°. It's convenient to install and flexible to use, safe, abrasion-resistant and bending-resistant.



■ FLOATING HOSE



■ ARMoured HOSE



■ Self-floating hoses are suitable for the harshest sea or mining conditions. Equipped with PE foam body, adjusted to the buoyance of the dredged material. It's available in diameters up to 1200 mm , various lengths and pressure ranges.

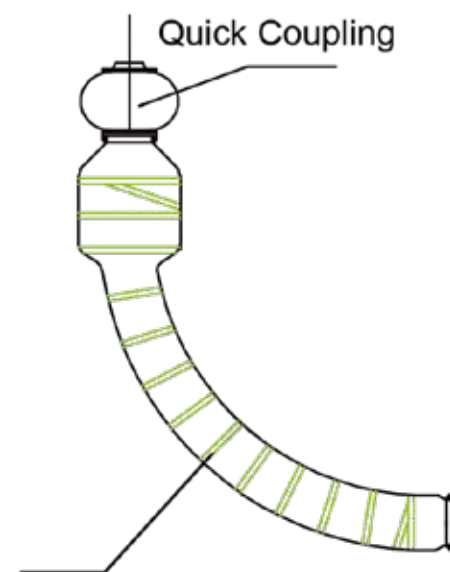
■ Armoured hoses are used for dredging sharp materials which has bigger volume, heavy specific gravity like coarse sand, coral reef or weathered rock . The hoses have the ring of high abrasion resistance, inner lining of excellent abrasion-resistant performance and bending resistance. It's available in diameters up to 1200 mm and in various lengths and pressure ranges.



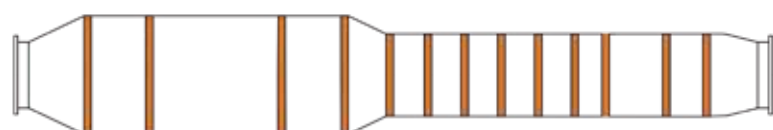
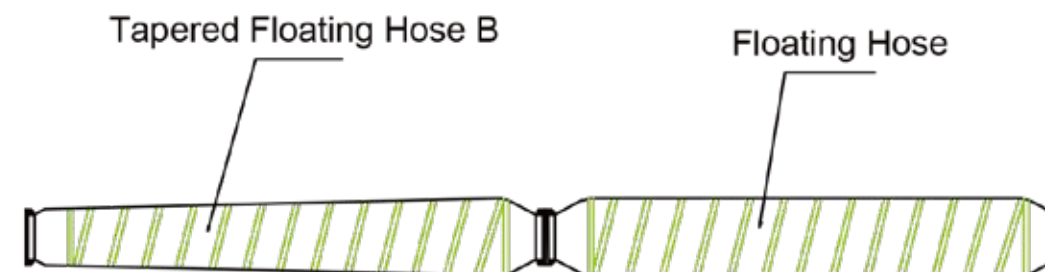
■ TAPERED FLOATING HOSE A



■ TAPERED FLOATING HOSE B



Tapered Floating Hose A



- Tapered floating hoses includes A hose and B hose. A hose is that one end has buoyancy and the other has no buoyancy. The buoyancy end is connected to quick coupling. And the non-buoyancy end is connected to B hose. B hose is directly connected to normal floating hoses. A hose can replace dredge ball joint. And its cost is lower than ball joint. Tapered floating hoses and normal floating hoses can form a tapered floating pipeline



- 1. Tapered Floating Hose A, one side with buoyancy, one side without buoyancy. It can buoy the Quick Coupling when it's not in working condition. It can bear Bending stress and Tension under working condition.
- 2. Tapered Floating Hose B, it can be bent and connected with other hoses.
- 3. Floating Hoses, the buoyancy is more than 20% under working condition.
- 4. After these four hoses connecting, this is a Tapered Floating Pipeline.



■ CERAMIC HOSE



■ EXPANSION JOINT

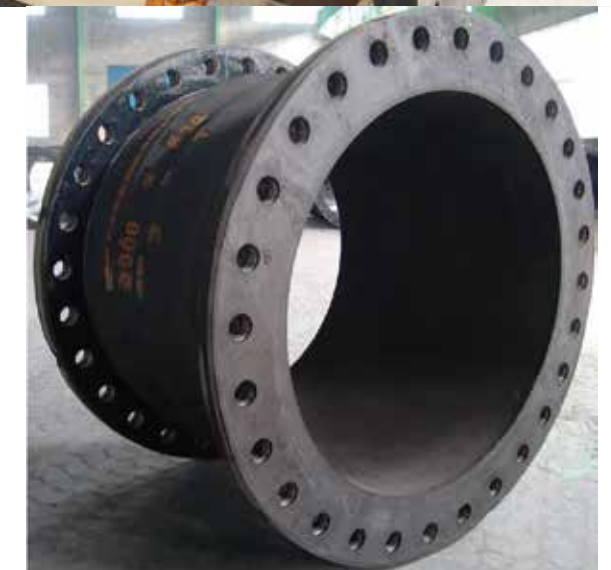


wear-resistant ceramic floating hose ■



■ wear-resistant ceramic hose

- Ceramic hoses have better wear resistant, wear lining with ceramic pieces of various patterns, round, square and hexagonal. It's available in diameters up to 1200mm for various lengths and pressure ranges



- 1. Transportation of raw water and sewage, slurry, sand
- 2. Transport cooling cycle water of thermal power plants, condensate water of metallurgy industry and chemical materials of chemical industries, cooling and dilution of oil and chemical industries and flexible connection of other industries
- 3. Transport all grain and powder material and gas according to its high abrasive resistance under low temperature



■ HDPE PIPE



■ PE FLOATERS



- 1.High wear resistance and high corrosion resistance
- 2.High flow capacity
- 3.Good Self-lubrication
- 4.Easy to install and low maintenance cost
- 5.Transport water, slurry, sand, gas, oil and so on
- 6.ISO 4427-2:2007 HDPE pipes
- 7.Long life time



- 1.Light weight and large buoyancy
- 2.Shock resistance, acid and alkali resistance
- 3.Easy to install and low maintenance cost, long life time
- 4.Working temperature: -60-80 °C
- 5.Match with rubber hose, HDPE pipe, steel pipe, cable and so on

**MINING
RUBBER HOSE**



**FLEXIBLE
RUBBER HOSE**



**HEAD
FLOAT**



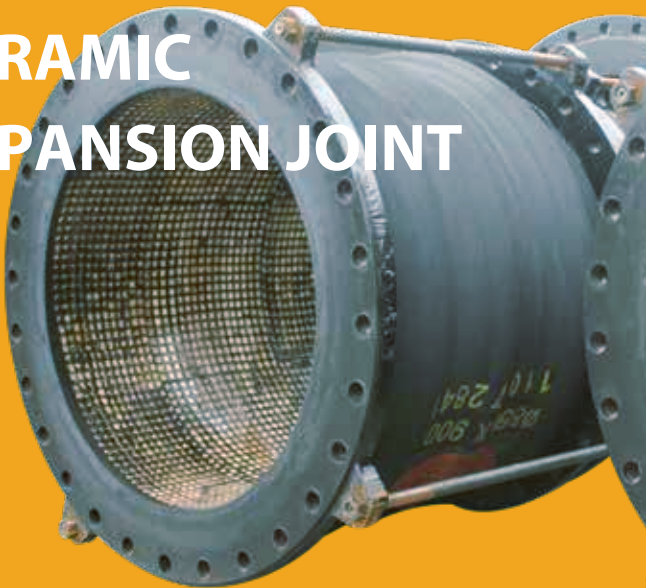
**PIPE
FLOAT**



**STEEL
PIPE**



**CERAMIC
EXPANSION JOINT**



**INTEGRAL
TYPE PE FLOAT**



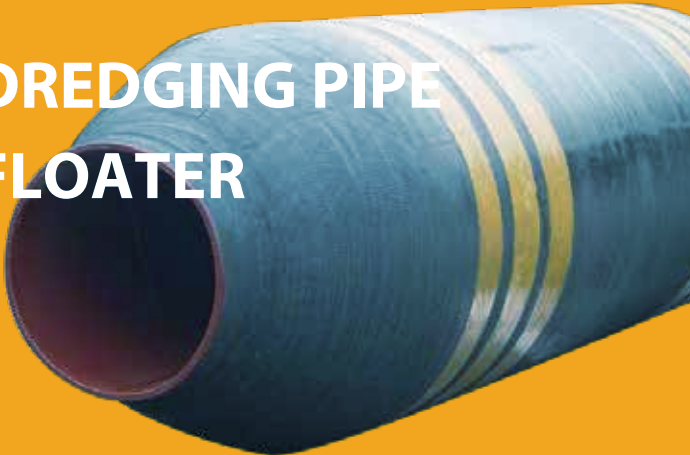
**BALL
JOINT**



**RUBBER
BELLOW HOSE**



**DREDGING PIPE
FLOATER**



**STEEL
PONTOON**



**CUTTER
HEAD**





■ Flat Vulcanizing Machine



■ Sand-blasting Machine

Rubber Fenders

Production Equipment



■ Ø4000*5000mm Steam Autoclave



■ Die Drum Max2500mmh



■ Rubber Calender System



■ Discharge Hose Production

Dredging hoses

Production Equipment



■ Floating Hose Production



■ Fabric Layer Machine



■ Tableting Machine



■ Ø2200-12000mm Steam Autoclave



Rubber Testing Equipment

Inspection Equipement and Instrument of Rubber



■ Cylindrical Fender Testing

Rubber Fender

Pictures of Testing



■ Super Cell Fender Testing



■ Cylindrical Fender Testing



■ Super Cell Fender Testing



■ Super Cone Fender Testing



■ Arch Fender Testing



■ Pressure Test Of Discharge Hose



■ 90 Degree Bending Test Under Working Pressure



■ 80bar Pressure



■ 80bar Pressure Test Of Armored Hose

Dredging Hose

Pictures of Testing



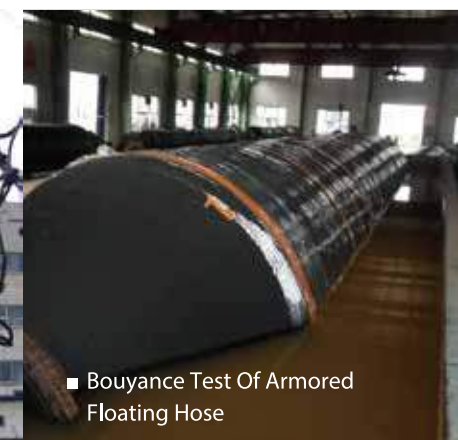
■ 40bar Working Pressure



■ 90 Degree Bending Test Under Working Pressure



■ 100 Tons Tension Test Of Floating Hose



■ Bouyance Test Of Armored Floating Hose