

## Dredging & Mining

**FLEXIBLE ENGINEERING**

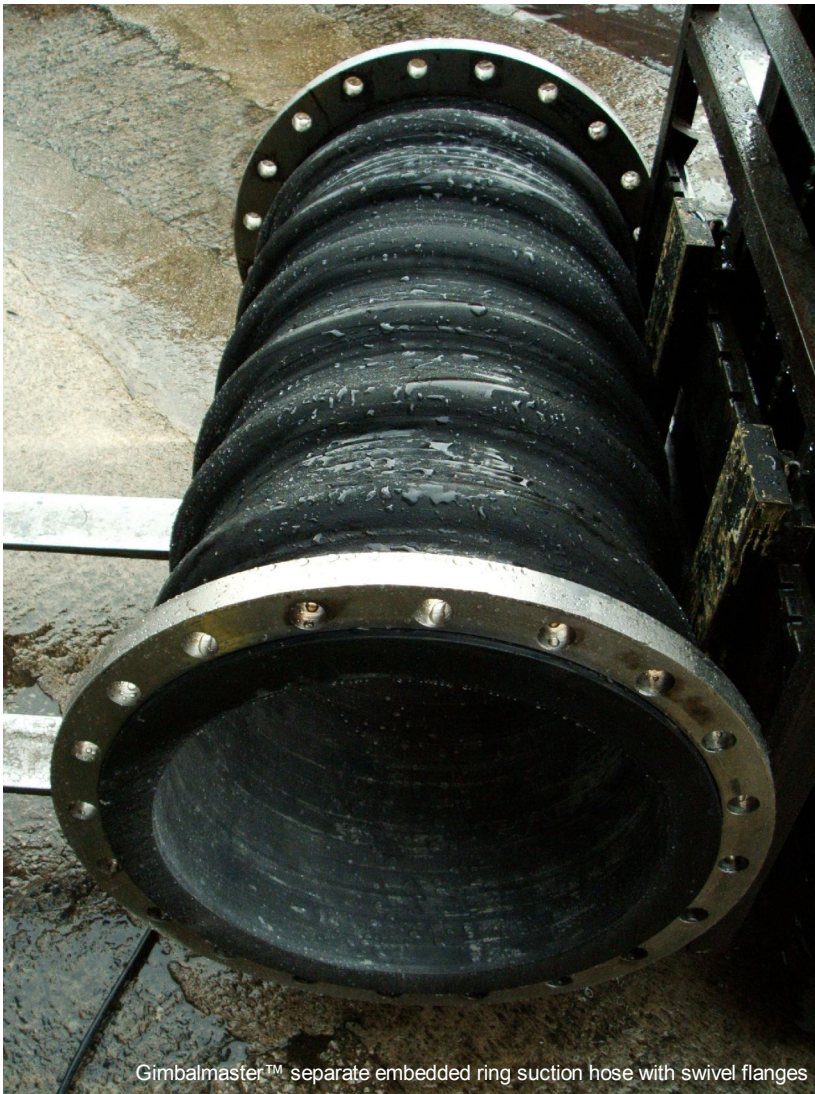
### **Gimbalmaster™ separate embedded ring dredge hose** **A range of hoses for cutter and trailing suction systems**

#### Product description

##### At a glance

Gimbalmaster™ are hand-built hoses designed for use on outboard systems of suction hopper and trailing suction dredgers where gimbal supports are used. These dredge hoses are capable of high angular deflection over short lengths.

Gimbalmaster™ is available in sizes from 300mm to 1000mm and in lengths up to 6 metres. Designed for 10 bar WP and full vacuum.



Gimbalmaster™ separate embedded ring suction hose with swivel flanges

##### Lining

Smooth bore mandrel built, highly abrasion and cut resistant black natural rubber in varying thicknesses from 10mm to 30mm depending on the severity of the application.

- Custom built assemblies
- Special moulded flanges
- High angular deflection
- Up to 1000mm bore size

**JF Hose & Couplings Limited**  
Unit 5 Hecla Works, Mounsey Road  
Preston, PR5 6LS, UK  
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**Large bore hose division**  
Leyland Business Park, Centurion Way  
Leyland, Preston, PR25 3GR, UK

**[jfhose.co.uk](http://jfhose.co.uk)**

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## Physical data

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### Physical data – Gimbalmaster™ dredge suction hose

Inside diameter	mm	Weight Kg/mtr	Ring spacing
12"	300	55	75
16"	400	85	100
20"	500	120	125
24"	600	145	125
27.1/2"	700	165	130
31.1/2"	800	215	150
35.1/2"	900	240	160
39.1/2"	1000	275	170

**Please note:** Other sizes are available on request.

### Reinforcement

A substantial carcass of high strength synthetic textile cords and extremely robust separate steel rings embedded in solid rubber giving maximum resistance to crushing and vacuum collapse.



### Cover

Tough chloroprene (Neoprene) rubber for excellent resistance against abrasion, weathering, oil, grease and seawater.

### Coupling systems

Integral fixed rubber and fabric flanges with steel support backing plates or beaded-end swivel captive flanges. Heavy-duty built-in mechanically locked and chemically bonded steel fittings are also available.

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