



WE ARE FLEXIBLE, RELIABLE AND COST-EFFECTIVE.



WE EMPLOY EXPERIENCED PROFESSIONALS AND DEPLOY THE RIGHT HARDWARE TO MEET YOUR MOST COMPLEX REQUIREMENTS.

OUR MARINE DREDGING EXPERTISE COMBINED WITH RELATED MARINE CONSTRUCTION TECHNOLOGY



MAKES US YOUR RELIABLE PARTNER WORLDWIDE.

The Marine Dredging
Professionals.
At your service...



WORLDWIDE DREDGING SERVICES



Supply Vessel

SV Sancte Ioseph

General Specifications

Class: ABS + A1 (E)*AMS

PRINCIPAL DIMENSIONS

Length o.a.:	42.00 m
Length b.p.p.:	36.00 m
Beam o.a.:	11.60 m
Depth:	5.00 m
Draught:	4.15 m
GT:	622 T
NT:	186 T

CARGO CAPACITIES

Displacement at 4.25 m:	1100 T
Deadweight:	435 T
Deck cargo:	150 T
Clear deck space:	150 m ²
Deck strength:	5 T/m ²

MACHINERY/PROPULSION

Main engines:	2 medium speed Stork Werkspoor 8 FHD-240
Total:	3120 bhp
Propellers:	2 controllable pitch propellers in fixed nozzles, 3 blades
Bollard pull:	40 T towing condition - full engine load Estimated 135 T salvage condition (using bow anchoring)
Bow thruster:	Electric driven AC, 300 hp. Thrust: 3.6 T
Speed:	Max. 13.5 knots
Service speed:	11.0 knots
Rudders:	2 rudders

DECK MACHINERY

Windlass:	Electric driven, 65 hp
Capstans:	2 x hydraulic driven, 30 hp
Max. Pull:	5 T each, One bridge controlled.
Towing/A.H.winch:	Electric driven, double drum waterfall, 65 Kw(S/B)
Capacity:	Towing drum
Pull on second layer:	1000 m of 48 mm diameter wire
Stern roller:	30 T at 10 m/min 60 T at stall
Diameter:	Length: 3.0 m.
Crane: Reach:	1.5 m with recess of 30 cm. in center.
Crane: Reach:	12 m. Load: 2 T
Crane: Reach:	2 recessed bow anchors of 1200 kg each
Crane: Reach:	with 420 m of 32 mm stud link chain

CARGO PUMPS/DISCHARGE RATES

Fuel pump:	60 m ³ /hr at 75 m head
Portable water pump:	50 m ³ /hr at 50 m head





Dipper Dredger Ave Caesar Liebherr 994

S-type Dipper Dredger

A large dipper dredger with high penetration capacity ability to work in sea conditions with a wave height of 2.5m. The ideal tool for heavy, accurate excavation jobs' "Deep Sea" hull for world wide towing.



Dredge Characteristics

Dimensions:
Classification:
Spuds:

55.00 x 16.00 x 3.5m
BV Dipper Dredger NP Special Service + I 3/3
- 3 stabilizing spuds: 1600 x 1600mm
Basic length approx 30m
Weight about 90 tons each
Hydraulic tilting spud installation
Spud carrier step of 10 metres
The latest dredging instrumentation,
in computerized execution, with an accuracy of 10cm

Miscellaneous:



Excavator Characteristics

Make:

Liebherr 994
Hydraulic pumps: Max. capacity 2,000 ltr/min,
pumps are max 310 bar.

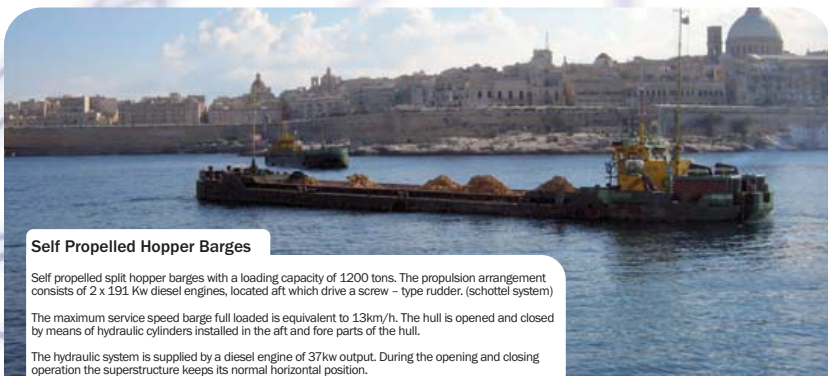
Equipment

Monobloc:
Stick:
Bucket:
Max Working Dept:

	First	Second	Option
Monobloc:	16.00m	16.00m	19.00
Stick:	5.60m	9.50m	9.50
Bucket:	5.70m ³	4.50m ³	3.00m ³
Max Working Dept:	17.00m	20.00m	24.00m

Penetration Capacity:

up to 75 tons



Self Propelled Hopper Barges

Self propelled split hopper barges with a loading capacity of 1200 tons. The propulsion arrangement consists of 2 x 191 Kw diesel engines, located aft which drive a screw - type rudder. (schottel system)

The maximum service speed barge full loaded is equivalent to 13km/h. The hull is opened and closed by means of hydraulic cylinders installed in the aft and fore parts of the hull.

The hydraulic system is supplied by a diesel engine of 37kw output. During the opening and closing operation the superstructure keeps its normal horizontal position.



**Dipper Dredger Magnus
Liebherr 992**

General Specifications

Length Over All:	33.62 m
Width of Hull:	11.30 m
Depth of Hull:	4.05 m
Molded Draft:	1.99 m
Dredging Depth:	18 m
Length of Main Boom:	7,450 mm
Length of Stick:	14,000 mm
Gross Registered Tons:	286-tons
Service:	International Coastal Waters

Gub Heading

Main Fuel:	29,070 L
Day Tank:	1,200 L
Fresh Water:	17,050 L
Hydraulic Oil:	2500 L
Lubricating Oil:	405 L



**Underwater CCTV
Inspection Operations**



Tug St. Gabriel

General Specifications

Gross Tonnage	89
Net Tonnage	26
L.O.A.	22.94m
Main Breadth	6m
Depth	2.50m
Classification	Society BV

MAIN PRINCIPAL

One 4T-6cyl-32x45 diesel engine
MaK type 6MU 451AK, NO.24197

Total eff. power

1100hp (809kW) at 375rpm

AUXILIARY INSTALLATION

One set water-cooled engine
One set air cooled engine

John Deere type 6059d SET 64kVA at 1500rpm.
Hatz type 4L41C set 30kva at 1500rpm each
driving Stamford generator.



**Underwater Hull
Cleaning Operations**



We are flexible,
experienced
& cost-effective



Our Vision

As an established leading dredging company in the Euro-Med region Emarine aims to strengthen its position as a major player in the world. This vision will be achieved through superior service levels, professionalism, and sound financial & operational performance.

Our Mission

To offer cost effective and high quality service, environment protection and attractive return to our investors.

Company Background

Emarine has been engaged in a number of prestigious dredging projects to-date, including the Malta Freeport Terminals and Smart City. Our operations can extend to any part of the globe since our equipment and human resources are flexible and geared to clients' needs whenever and wherever they arise.

The company fleet of specialised dredgers and ancillary dedicated vessels (including Jack-up barges for any exploratory equipment), amongst others, are very well maintained. All equipment and vessels are IACS approved and are manned by an experienced but continuously trained team of mariners, engineers, specialists and professionals.

Projects undertaken by



Year	Client	Project	Description of Works	Scope of Works
2006	Midi Consortium	Midi Excavation	Removal of excavated material	Loading of barges, sail away and dumping
2007	Gap Holdings	Fort Cambridge	Removal of excavated material	Loading of barges, sail away and dumping
2007	Malta Freeport Terminals	North Quay Ter1	Removal of outcrops	Loading of silt and rock, sail away and dumping
2007	Malta Freeport Terminals	Oil Tanking	Removal of excavated material	Loading of barges sail away and dumping
2008	Bonnici Bros.	Smart City	Removal of excavated material	Loading of barges, sail away and dumping
2008/09	Malta Freeport Terminals	North Quay Ter2	Dredging to a depth of -17m	Loading of silt and rock, sail away dumping
2009	Viset p.l.c.	Gun Wharf	Removal of excavated material	Loading of barges, sail away and dumping



Commitment to Quality Service

Whilst observing international standards, safety and quality systems at all times, Emarine aims to achieve its growth targets by continuously strengthen its growing customer base. This will be achieved by:

- Completing projects in time according to required specifications
- Delivering quality work throughout
- Offering competitive prices
- Being always receptive to clients' needs

Added Value Services

The company is well equipped to handle a other value-added dredging procedures being also backed up by Malta-based internationally-exposed, quality-certified professionals, with state-of-the-art accredited laboratories that guarantee top notch service overall. Such added value includes hydro-graphic surveys (side scans), vibro-coring and geological extracts, amongst others.

