



LA DRAGAGGI S.R.L.

*DREDGING WORKS
LAND RECLAMATION AND BEACH NOURISHMENT
ENVIRONMENTAL CLEAN-UP
LAGOON MORFOLOGY REFURBISHING
MARITIME MAINTAINANCE AND BUILDING*



TSHD "GINO CUCCO"

GENERAL INFORMATION

Name	GINO CUCCO
Type	TSHD (Trailing Suction Hopper Dredger)
Main features	Suction self-loading self-discharging flowing back M/V dredger with bottom door system
Port of registration	VENICE VE8275
TSL	1,024.96
TSN	411.22
Year and place of construction	1987 - S.E.C. Shipyard in Viareggio
Year of extension and upgrading	2002 - CARMET Shipyard in Venice
Classification	R.I.NA – domestic coastal navigation

MAIN FEATURES

Lenght overall	66.9 m
Fore and aft lenght	64 m
Beam	11.8 m
Moulded depth	4.33 m
Propulsion engines	CATERPILLAR n° 2 x 1,280 HP
Auxiliary alternator engines	
Head dredging room	nr 2 x 85 Kw
Stern engine room	CATERPILLAR 85 Kw
Stern engine room	IVECO-AIFO silenced for rest services 40 Kw
Bow Thruster	200 Hp
Total motive power	5,134 Hp
Draught	2 m
sailing speed	11.5 kn
Fuel distance	2,500 miles

ACCOMODATIONS

Crew's quarters	for 7 people
Dining room	nr 1
Kitchen and pantry	nr 1



HOPPER DIMENSIONS

Hopper lenght	30 m
Hopper widht	8.5 m
Hopper volume	1,400 m ³
Hopper payload	1,800 tons

ANCHORAGE EQUIPMENT

Bow warp winches	Nr 2
Bow anchor	2 x 780 Kg high anchoring
Bow chain lenght	n°2 x 192.50 m each
Bow anchorage mast	21 m Ø 760
Stern anchorage mast	20 m Ø 550
Stern warp winches	Nr 1
Stern anchor	1 x780 Kg high anchoring
Stern chain lenght	137.50 m
Chain cables diameter	Ø 24
Steel reel winches	Ø 22 (stream)



NAVIGATION EQUIPMENT

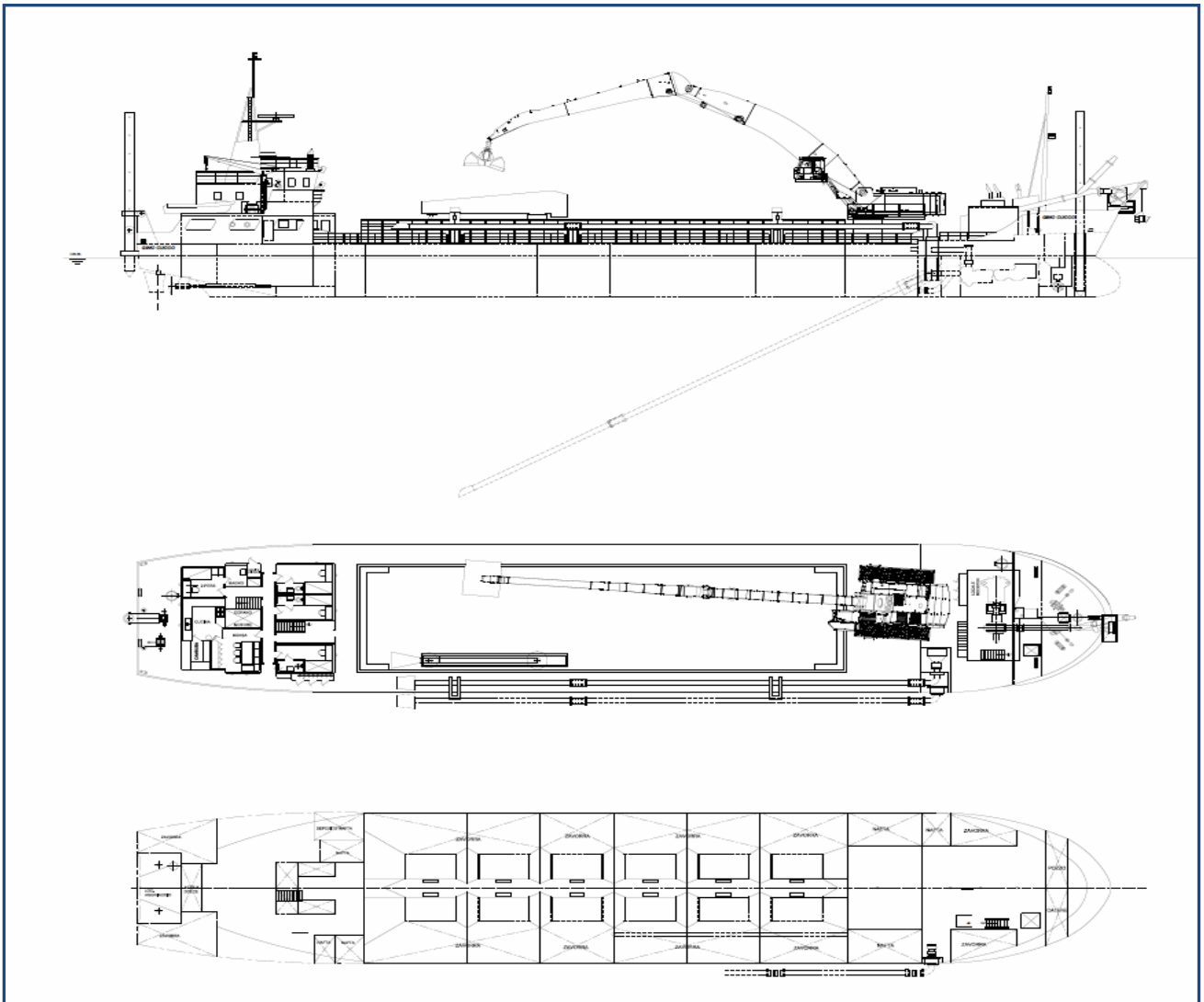
<i>Reflection magnetic compass</i>	PLATH
<i>Gyrocompass</i>	PLATH
<i>Automatic steering</i>	PLATH
<i>Nautical radar</i>	ATLAS 72 miles
<i>Echo sounder</i>	ATLAS 1,200 m
<i>River automatic steering</i>	RADIO ZEELAND
<i>River radar</i>	SWISS RADAR 32Km
<i>hauling indicator</i>	RADIO ZEELAND
<i>RTF radiotelephone</i>	SKANTI
<i>Whf radiotelephone</i>	KOALA
<i>GPS Navigator</i>	FURUNO
<i>Plotther video</i>	NAVIMAT
<i>Fore and aft power plant videocontrol</i>	PHILIPS

DREDGING SYSTEM

<i>Dredging system</i>	Pump LARIO 400
<i>Dredge pump engine</i>	MAN 900 Hp
<i>Hydraulic control unit engine</i>	MAN 490 Hp
<i>Booster pump</i>	DAMEN Dn 400 - 8 bar
<i>Land reclamation distance</i>	till 4,000 m
<i>Booster engine</i>	DEUTZ 990 Hp
<i>Water jet pump</i>	CATERPILLAR 284 Hp
<i>Rainbow range</i>	150 m
<i>Dredge pump pipe diameter</i>	Ø 400
<i>Mixture production per hour</i>	2,500 m³/h

EXCAVATOR

<i>Hydraulic Excavator SENNEBOGEN 880</i>	43.2 tons at 8 m 9.5 tons at 26 m
<i>Brace Lenght</i>	26 m
<i>Bucket capacity</i>	6 m³



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