

**Dipper Dredger "MP 26"
Backhoe Dipper Dredger**



CONSTRUCTION / CLASSIFICATION

Year of construction	2004
Classification	DNV-GL 100 A5 Pontoon M
Flag	Jamaica
IMO number	N/A

FEATURES

Non propelled Pontoon with three spud legs and backhoe dipper dredger provided with electronic position fixing system

EXCAVATOR

Type	Liebherr P995 Litronic1600 KW
Boom	16 m
Stick	6.5 m + 9.6 m
Bucket	14.5 m ³ + 11 m ³
Dredging depth	21 m

Spud-legs:

section-dimensions	1400 x 1400 mm
length approx.	31 m
spud-leg trunks	section dim.as-built: 1480 x 1480
Spud-leg hydraulic system	
hydraulic oil tank	6 cub.m located in Store Room
main hydraulic unit	driving by CUMMINS K19

Hydraulic pumps:

4 hydraulic pumps Hydromatik fitted directly to the gearbox.
Emergency el. driven hydraulic pump provided in ER

Deck crane SB	ATLAS Type AK 100.1T5,6/2
Hydraulic Telescopic Pmax	275 bar, SWL: 1.84 Ton @
Deck crane PS	PALFINGER Systems Type PSM 1200 RW20S5.5S
Hydraulic Telescopic Pmax	275 bar; SWL: 4.6 Ton @ 20 m

MAIN DATA

Gross tonnage	678
Length overall	60.9 m
Breadth moulded	16.2 m
Depth	3.00
Draught	2.10 m
Freeboard	0.90 m

ENGINES

Aux. Diesel engine driving gearbox with four attached hydraulic pumps. Gearbox ID AT 668 760 Type.
GFC220-1008 Manuf. in 1998 Pmax-307 KW @1900 rpm

2 set DG

Type GEH220-4 OLYMPIAN 225KvA @ 1500 rpm
Generator Leroy Somer LL 5024F
Six Hydraulic Pumps: Liebherr Type SAT 400/256

DECK EQUIPMENT

changing room 1
washing,drying, shower, WC
paint locker
Removable containers for domestic and auxiliary purposes:
changing room 2
provision and food a/c store
kitchen and rest room
workshop

NOTES