



DAMEN DOP DREDGER 350

GENERAL

A highly modular flexible dredger with a hydraulically driven submerged dredge pump capable for a large variety of dredging situations.

DREDGING FEATURES

Dredging depth	14.0 m
Max. mixture capacity	2,400 m ³ /h

DREDGE INSTALLATION

Dredge pump	DOP350(L)
Diameter suction/discharge pipe	350 mm
Cutter type	5-1150-RU
Cutter power	47 kW

DRIVES

Diesel driven hydraulic powerpack	900 PP
Hydraulic power	871 l/min @ 275 bar (p)
Powerpack diesel engine	Volvo TAD 1643VE
Constant power diesel engine	565 kW @ 1,900 rpm
Emission certification	EPA Tier 3

PRINCIPAL DIMENSIONS

Length over all	29.6 m
Length over pontoons	17.8 m
Width	7.35 m
Draught	0.80 m
Total weight	74.0 ton

TANK CAPACITIES

Fuel oil	15,0 m ³
Hydraulic oil approx.	2,4 m ³

DECK MACHINERY

Ladder winch	Hydraulic, 50 kN, 0-10 m/min
Swing winches (2x)	Hydraulic, 30 kN, 0-10 m/min
Bow winch	Hydraulic, 30 kN, 0-10 m/min
Aft winch	Hydraulic, 30 kN, 0-10 m/min

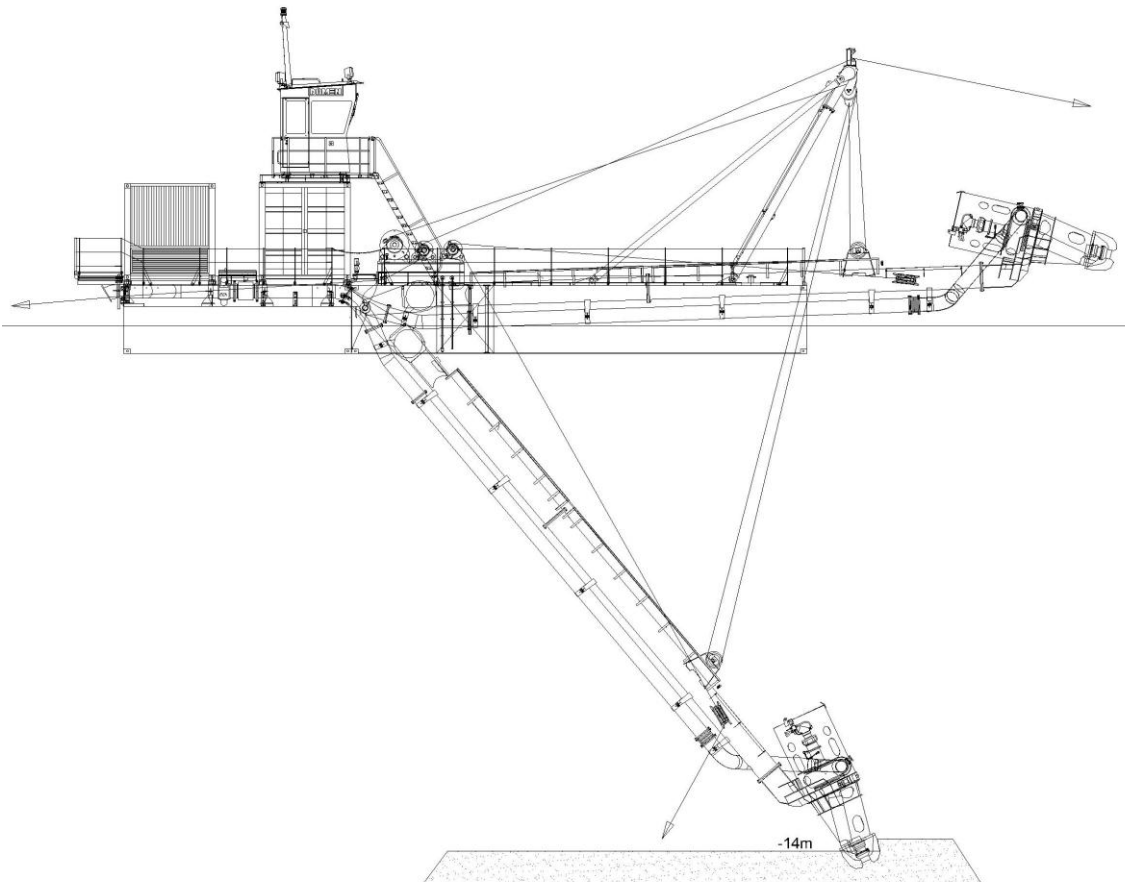
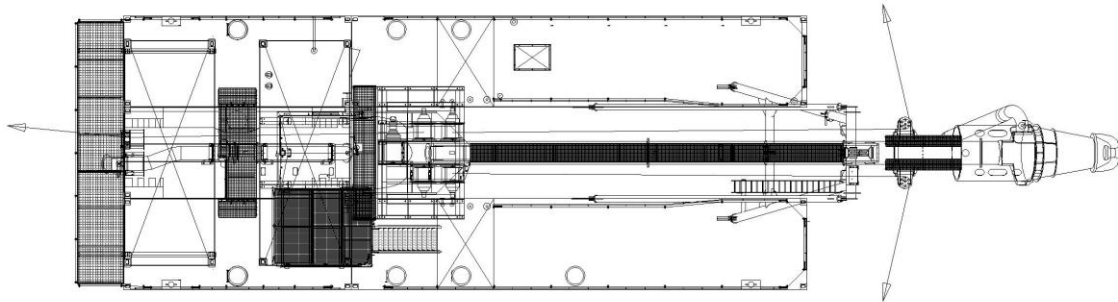
DREDGING INSTRUMENTATION

- Dredging depth indicator
- Electronic vacuum and discharge pressure measurement of dredge pump

REMARKABLE FEATURES

- Various cutter depths are possible
- Easily retrofitted from cutter dredger to profile dredger.
- Easy transportation due to dismountable design.
- High pump performance due to the submersible dredge pump.
- Spacious ergonomic designed control cabin.

DAMEN



DAMEN DOP DREDGER 350

DAMEN

DAMEN DREDGING EQUIPMENT

Member of the DAMEN SHIPYARDS GROUP



Edisonstraat 32
3861 NE Nijkerk

P.O. Box 1021
3860 BA Nijkerk
The Netherlands

phone +31 (0)33 247 40 40
fax +31 (0)33 247 40 60

info@damendredging.com
www.damendredging.com

© No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without written permission from Damen Dredging Equipment