



# WATER INJECTION SYSTEM – WID 600

The Damen dismountable Water Interjection Dredging kit is designed to transform any suitable work boat into a versatile dredger. The WID 600 system is for instance easily installed on a Multi Cat 2712. All the components of the WID system are sized for containerized transport which allows for quick mobilization.

Water injection dredging is a technique that is ideal for maintenance dredging of ports, harbours, access channels and rivers.

## GENERAL

Type	WID 600
Basic functions	Maintenance dredging

## DREDGING FEATURES

Max. dredging depth	-20 m*
Max. flow	11,000 m <sup>3</sup> /h

## DREDGE INSTALLATION

Dredge pump	2x BP6055LD
Nozzle jet beam	55x ø63 mm*

## ENGINE INSTALLATION

Dredge pump diesel	2x Volvo TAD1640
Required pump power	2x 405 kW @ 1900 rpm

## PRINCIPAL DIMENSIONS

Width jet beam	14,5 m*
Length jet arm	26,5 m*
Weight approx..	63 ton*
Footprint jet station	28 m <sup>2</sup>

## SYSTEM MACHINERY

Dredge valve	4x Butterfly valve
Single Hinge	2x

## INSTRUMENTATION

Vacuum and pressure indication of dredge pump

## REMARKABLE FEATURES

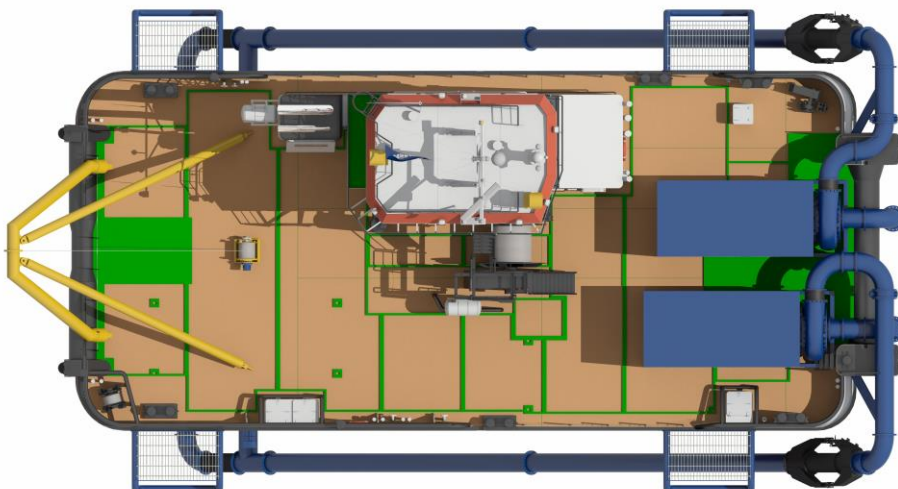
Dismountable containerized design  
 Modular design for easy and quick (de)installation  
 Installation without a dry dock  
 Short delivery time  
 Standard Damen components  
 No dedicated vessel necessary  
 Design suitable for Multi Cat 2712 (or similar vessel)

## AVAILABLE OPTIONS

Navguard position visualization  
 Flow measurement  
 Adjustable jet beam angle  
 Lifting system  
 Recovery line  
 Swell compensator  
 Plough  
 DOP Pump

\* depends on vessel used

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