GENERAL
Yard number 523025
Basic functions The Damen Modular Ferry is a roll on roll off (RoRo) ferry for inland water service series, built in steel to standard design. The Vessel is specially designed to safely transport passengers and vehicles.
Description The entire hull of the Vessel consists of container sized units. These container sized units are called Damen Modular Barges and can be coupled together in the water with a specially designed coupling system, called the Damen Link. Because of this modular system, the entire Vessel can be transported by ship, truck or train to her final place of destination and assembled locally.

DIMENSIONS
Length o.a. 30.00 m
Length pontoon 20.00 m
Beam o.a. 12.75 m
Beam pontoon 9.75 m
Depth at sides 1.30 m
Draught (empty) 0.72 m

CAPACITIES
Fuel 2x 200 l
Cargo capacity 50 t
Cardeck 40 lane meters (2 lanes)
Passengers 100 pax

PERFORMANCES (approx.)
Speed 9 kn

PROPULSION AND STEERING SYSTEM
Main engine 2x diesel driven deck mountable propulsion units.
Total power 295 kW (400 bhp)

PRIMARY SHIP SYSTEMS
Bilge / deckwash / fill pump 1x

ELECTRICAL SYSTEM
Network 24 V

DECK LAY-OUT
Anchor 2x
Bollard (double) 4x
Ramp (l x w) 5.0 x 4.8 m

LIFE SAVING EQUIPMENT
Life buoy 5x
Life jacket 110x
Floating apparatus (12 pax) 12x
Fire extinguisher 5x
First-aid kit 1x

SUPERSTRUCTURE
Accommodation Timber lined seats for 50 passengers with sun awning on main deck.
Technical space
Storage locker
Wheelhouse The efficient layout offers an unobstructed view in all directions at bridge deck.

NAUTICAL AND COMMUNICATION EQUIPMENT
Navigation lights All necessary navigations lights are installed.
Search light 1x
Horn 1x
GPS (handheld) 2x
Echosounder 2x
Public address system 1x
VHF 1x
VHF handheld 3x
DAMEN MODULAR FERRY 2010
"YN 523025"