

# MERRÉ Brochure

## MERRÉ

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr

# Dredging

## MERRÉ

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr



# Drague stationnaire SEEM I6-640ST



## Caractéristiques générales

Longueur hors tout : 25,85 m  
Longueur coque : 16,00 m  
Largeur hors tout : 6,00 m  
Equipage : 2 personnes  
Déplacement en charge : 80 t  
Réservoir carburant : 2 x 4600 litres  
Classification :  
Dredger / No propulsion  
✚ Coque

## Protection

Système de peinture gamme professionnelle  
Anodes sacrificielles

## Coque

Coque acier  
Superstructure aluminium  
Pont anti-dérapant  
Bittes d'amarrage

## Drague avec élinde à cutter

Système Genflo  
Profondeur de dragage : 9 m  
Puissance de dragage : 478 kW  
Diamètre tuyauterie : DN 350  
2 x pieux escamotables  
Enfouissement : 10 m

## Réseaux

Gasoil : 2 x 4600 l  
Réseaux assèchement incendie fixe et secours  
Echappement sec avec filtres à particules

## Aménagement

Vision panoramique  
Passerelle télescopique : 1,36 m

## Appareils et Electricité

Projecteur pour éclairage des zones de travail  
Essuie- glace des vitres avants de la timonerie  
Système de désembuage  
Radar, GPS, sondeur

Note : Certains éléments de cette Spécification sont optionnels. Les Spécifications et l'Arrangement Général peuvent être modifié suivant les besoins de l'Armateur.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Stationary dredger SEEM I9-760ST



## Dimensions

Overall length : 36.50 m  
Hull length : 19.50 m  
Overall width : 6.00 m  
Crew : 4  
Electric power : 20 kVA  
Deadweight : 110 t  
Fuel oil : 2 x 7000 liters  
Classification :

-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Fluttering cutter dredger

Genflo system  
Dredging depth : 7 m  
Dredging power : 559 kW  
Piping diameter : DN 350  
2 x spuds hosting  
Burying : 8 m

## Tank capacities

Fuel oil : 2 x 7000 l  
Potable water : 1 x 800 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Panoramic view  
Telescopic wheelhouse : 1.36 m

## Electricity and Deck layout

Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Stationary dredger SEEM 25-760ST



## Dimensions

Overall length : 51.00 m  
Hull length : 25.00 m  
Overall width : 7.20 m  
Crew : 6  
Deadweight : 160 t  
Fuel oil : 2 x 9000 liters  
Classification :  
-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Fluttering swing cutter dredger

Genflo system  
Dredging depth : 7 m  
Dredging power : 559 kW  
Piping diaeter : DN 350  
2 x spuds hosting  
Burying : 8 m

## Tank capacities

Fuel oil : 2 x 9000 l  
Potable water : 1 x 1500 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Panoramic view  
Telescopic wheelhouse : 1.36 m

## Electricity and Deck layout

Electric power : 50 kVA  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

Hydraulic power : 215 kW

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Trailing suction hopper dredger SEEM 28-540ST



## Dimensions

Overall length : 29.30 m  
Hull length : 25.80 m  
Overall width : 6.85 m  
Crew : -  
Total power : 540 hp  
Speed : 7.5 Knots  
Fuel oil : 4000 liters  
Deadweight : 540 t  
Classification :  
-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Trailing suction hopper dredger

Crane loading  
Hold fitted with 1 bottom flap  
Hopper capacity : 60 m<sup>3</sup>  
2 x spuds

## Réseaux

Fuel oil : 4000 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Panoramic view  
Kitchen, cabins, shower, toilets

## Electricity and Deck layout

Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Hydraulic thrusters  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Backhoe dredger SEEM 39-970ST



## Dimensions

Overall length : 39.40 m  
Overall width : 15.40 m  
Crew : 10  
Total power : 2 x 485 hp  
Deadweight : 900 t  
Speed : 6 Knots  
Fuel oil : 60000 liters  
Classification :  
Special service  
Working Propelled Pontoon  
✂ Hull • Machinery

## Protection

Wood protection on main deck  
200 x 150 mm D fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck

## Accommodaiton

5 x Cabins  
Toilet, kitchen, air conditionning

## Stationary dredger

Dredging depth : 17.00 m  
Liebherr R984C EW excavator (138 t)  
Kobelco CKS2500 crane (250 t)

## Tank capacities

Fuel oil : 60000 l  
Potable water : 15000 l  
Gray waters : 15000 l  
Dynamic and static ballast system : 220000 l  
Ballast capacity : 3 x 400 m<sup>3</sup>.h<sup>-1</sup>  
Bilge water  
Fire-fighting

## Electricity and Deck layout

3 x Spud winches : 40 t  
4 x Towing winches : 12 t  
2 x Windlasses  
1 x 1,8 t crane  
24 V and 400 V electric mixed networks  
Work area lighting  
Radar, GPS, sounder

## Propulsion system

2 x 357 kW hydraulic thrusters  
2 x 125 kVA generator sets  
1 x 447 kW hydraulic unit

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Trailing suction hopper dredger SEEM 46-635ST



## Dimensions

Overall length : 45.70 m  
Hull length : 41.27 m  
Overall width : 10.50 m  
Crew : 6  
Total power : 635 hp  
Deadweight speed : 9 Knots  
Fuel oil : 35000 liters  
Deadweight : 540 t  
Classification :  
-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Trailing suction hopper dredger

Crane loading or swing cutter  
Front connection system  
Dredging depth : 10 m  
Leveling harrow  
Hold fitted with 4 bottom flaps  
Hopper capacity : 400 m<sup>3</sup>  
2 x water guns DN 200  
2 x spuds

## Tank capacities

Fuel oil : 35000 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Panoramic view  
Kitchen, cabins, shower, toilets

## Electricity and Deck layout

Work area lighting  
Windscreen wipers front wheelhouse  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
1 x Bow thruster  
2 x Kaplan nozzle propellers

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Split barge SEEM 51-970ST



## Dimensions

Overall length : 51.00 m  
Overall width : 9.50 m  
Crew : 6  
Total power : 2 x 485 hp  
Deadweight : 435 t  
Lightship speed : 10  
Deadweight speed : 6  
Fuel oil : 39300 liters  
Hopper volume : 450 m<sup>3</sup>  
Electric power : 1 x 65 kVA + 1 x 125 kVA  
Classification :  
Split Hopper unit  
✠ Hull ✠ Machinery

## Protection

835 mm diameter tyres  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Tank capacities

Fuel oil : 39300 l  
Potable waters : 3850 l  
Gray waters : 3850 l  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Panoramic view  
Kitchen, cabins, shower, toilets

## Electricity and Deck layout

Hydraulic crane  
24 V marine batteries  
24 V and 400 V mixed electric networks  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder  
2 x hydraulic windlasses  
2 x 6 people liferafts

## Propulsion system

2 x 357 kW hydraulic thrusters  
2 x 125 kVA generator sets  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Suction dredger SEEM 60-1200ST



## Dimensions

Overall length : 59.90 m  
Overall width : 12.00 m  
Crew : 5  
Total power : 2 x 600 hp  
Deadweight speed : 9 Knots  
Fuel oil : 120000 liters  
Classification :  
-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Accommodation

Panoramic view  
1 x kitchen  
1 x crew mess  
9 x cabins  
Showers  
Toilets

## Suction dredger

Swing cutter loading  
Front connection system  
Dredging depth : 33 m  
Hold fitted with 6 bottom flaps  
Hopper capacity : 750 m<sup>3</sup>  
Dredging pump : 3200 m<sup>3</sup>.h-1  
1 x DN 200 water gun

## Tank capacities

Fuel oil : 120000 l  
Potable water : 1000 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Electricity and Deck layout

Crane: 8 tons at 12 m  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
1 x Bow thruster  
2 x Kaplan nozzle propellers  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Suction dredger SEEM 60-I400ST



## Dimensions

Overall length : 59.90 m  
Overall width : 11.00 m  
Crew : 5  
Total power : 2 x 700 hp  
Deadweight : 540 t  
Deadweight speed : 6 Knots  
Fuel oil : 39000 liters  
Classification :  
-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Accommodation

Panoramic view  
1 x kitchen  
1 x crew mess  
6 x cabins  
Showers  
Toilets

## Suction dredger

Swing cutter loading  
Front connection system  
Dredging depth : 30 m  
Hold fitted with 8 bottom flaps  
Hopper capacity : 900 m<sup>3</sup>  
2 x DN 200 water guns

## Tank capacities

Fuel oil : 39000 l  
Potable water : 10000 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Electricity and Deck layout

Crane  
24 V and 400 V mixed electric networks  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
1 x Bow thruster  
2 x Kaplan nozzle propellers  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Suction dredger SEEM 74-1000ST



## Dimensions

Overall length : 74.20 m  
Overall width : 11.80 m  
Crew : 6  
Total power : 2 x 500 hp  
Deadweight : -  
Speed : -  
Fuel oil : -  
Classification :  
-

## Protection

Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring

## Accommodation

Panoramic view  
1 x kitchen  
1 x crew mess  
1 x cabin  
Showers  
Toilets

## Suction dredger

Swing cutter loading  
Front connection system  
Dredging depth : 24 m  
Hold fitted with 2 bottom flaps  
Hopper capacity : 2 x 600 m<sup>3</sup>  
2 x DN 200 water guns

## Tank capacities

Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Electricity and Deck layout

Crane  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
1 x Bow thruster  
2 x Kaplan nozzle propellers  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



Towing

**MERRÉ**

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr



# Tug SEEM I2-800ST



## Dimensions

Overall length : 11,75 m  
Overall width : 5.10 m  
Crew : 3  
Total power : 2 x 400 hp  
Bollard pull : 10 t  
Speed : 8 Knots  
Light weight : 35 t  
Classification :  
Tug coastal area « in water survey »  
✠ Hull • Machinery

## Protection

300 x 300 mm fender  
Tug bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

## Tank capacities

Fuel oil : 14000 l  
Potable water : 300 l  
Gray waters : 350 l  
Bilge oil : 150 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Panoramic view  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

1 x Winch  
1 x 15 kW generator  
24V marines batteries  
1 x Electric windlass  
1 x 6 people liferaft  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
1 x Generator  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Tug SEEM I4-1000ST



## Dimensions

Overall length : 14.05 m  
Overall width : 5.15 m  
Crew : 6  
Total power : 2 x 368 kW  
Bollard pull : 12 t  
Speed : 10 Knots  
Light weight : 45 t  
Classification:  
Tug  
✠ Hull • Machinery

## Protection

300 x 300 mm D fender  
Tug bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel wheelhouse  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

## Tank capacities

Fuel oil : 10000 l  
Potable water : 2000 l  
Gray waters : 1100 l  
Bilge waters : 900 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Panoramic view  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, shower, kitchen

## Electricity and Deck layout

1 x Towing hook with automatic release system  
1 x 27 kW generator  
24V marines batteries  
1 x Electric windlass  
2 x 6 people liferafts  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
1 x Generator  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Tug SEEM I6-970FI



## Dimensions

Overall length : 16,00 m  
Overall width : 5.20 m  
Crew : 10  
Total power : 2 x 485 hp  
Speed : 10 Knots  
Bollad pull : 13 t  
Deadweight : 50 t  
Firefighting system : 300 m<sup>3</sup>.h<sup>-1</sup> at 10,5 bars  
Classification :  
Tug  
✚ Hull • Machinere

## Protection

Fender  
Tug bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel wheelhouse  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

## Tanks capacities

Fuel oil : 8500 l  
Potable water : 23000 l  
Filling and external vents  
Bilge water  
Fire-fighting system with water gun  
Dry exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

1 x Towing hook with automatic release system  
Work area lighting  
Windscreen wipers front wheelhouse  
Fire extinguishers and fire hose  
Horn

## Propulsion system

Diesel engine  
316L stainless steel mainshaft  
Nozzle Kaplan propeller  
Hydraulic steering gear system  
Machinery fans  
316L stainless steel rudder

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Tug SEEM 20-2000FI



## Dimensions

Overall length : 20.20 m  
Overall width : 7.45 m  
Crew : 10  
Total power : 2 x 1000 hp  
Bollard pull : 20 t  
Speed : 12 Knots  
Deadweight : -  
Fire-fighting system  
Classification :  
-

## Protection

Fender  
Tug bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel wheelhouse  
Unslipery main deck  
Mooring and Towing

## Tanks capacities

Fuel oil : 15500 l  
Filling and external vents  
Bilge water  
Fire-fighting system with water gun  
Dry exhaust system

## Accommodation

Panoramic view  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, shower, kitchen

## Electricity and Deck layout

1 x Towing hook with automatic release system  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x Nozzle Kaplan propellers  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Tug SEEM 32-5000FI



## Dimensions

Overall length : 31.50 m  
Overall width : 10.00 m  
Crew : 10  
Total power : 2 x 5000 hp  
Bollad pull : 60 t  
Speed : 13 Knots  
Deadweight : 450 t  
Fire-fighting system  
Classification:  
NC

## Protection

Fender  
Tug bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel wheelhouse  
Unslipery main deck  
Mooring and Towing

## Tank capacities

Fuel oil : 140000 l  
Potable water : 23000 l  
Bilge water  
Fire-fighting system with water gun  
Dry exhaust system

## Accommodation

Panoramic view  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, shower, kitchen

## Electricity and Deck layout

1 x Towing hook with automatic release system  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x Nozzle Kaplan propellers  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





Pilot

**MERRÉ**

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr

# Pilot SEEM I2-400ST



## Dimensions

Overall length : 11.50 m  
Overall width : 3.80 m  
Crew : 6  
Total power : 2 x 400 hp  
Deadweight : 15 t  
Speed : -  
Fuel oil : 2 x 750 liters  
Classification :  
-

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring  
Lifting eyes

## Tank capacities

Fuel oil : 2 x 750 l  
Potable water : 100 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with storage cupboard and toilet

## Electricity and Deck layout

24V marine batteries  
Marine electrical cables  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Fire extinguishers and fire hose  
Horn  
Dampening system  
1 x 6 people liferaft

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Pilot SEEM I2-530AL



## Dimensions

Overall length : 11.30 m  
Overall width : 4.15 m  
Crew : 8  
Total power : 2 x 265 hp  
Deadweight : 12.50 t  
Speed : 22 Knots  
Fuel oil : 2 x 700 liters  
Classification :  
Seagoing launch  
✠ Hull • Machinery

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Aluminium hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring  
Lifting eyes

## Tank capacities

Fuel oil : 2 x 700 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with storage cupboard and toilet

## Electricity and Deck layout

24V marine batteries  
Marine electrical cables  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Fire extinguishers and fire hose  
Horn  
Dampening system  
1 x 12 people liferaft

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Pilot SEEM 16-1000ST



## Dimensions

Overall length : 16.00 m  
Overall width : 4.70 m  
Crew : 10  
Total power : 2 x 500 hp  
Deadweight : 29 t  
Speed : 20 Knots  
Fuel oil : 2 x 1450 liters  
Classification :  
Special service  
Fast pilot boat  
✠ Hull • Machinery

## Protection

150 x 150 m D fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring  
Lifting eyes

## Tanks capacities

Fuel oil : 2 x 1450 l  
Potable water : 30 l  
Gray waters: 50 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with storage cupboard and toilet

## Electricity and Deck layout

24V marine batteries  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder  
1 x 10 people liferaft

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Pilot SEEM 20-I430AL



## Dimensions

Overall length: 19.70 m  
Overall width : 5.65 m  
Crew : 10  
Total power : 2 x 715 hp  
Speed : 26 Knots  
Deadweight : 30 t  
Fuel oil : 2 x 1600 liters  
Electric power : 11 kVA  
Classification :  
Special service  
Fast pilot boat  
✠ Hull • Machinery

## Protection

150 x 150 m D fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Aluminium hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring  
Lifting eyes

## Tank capacities

Fuel oil : 2 x 1600 l  
Potable water : 1000 l  
Gray waters : 300 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with storage cupboard and toilet

## Electricity and Deck layout

24V marine batteries  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder  
1 x 12 people liferaft

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Harbour & Terminal

## MERRÉ

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr

# Mooring boat SEEM 8-305ST



## Dimensions

Overall length : 8.46 m  
Overall width : 3.39 m  
Crew : 6  
Total power : 305 hp  
Deadweight : 9,10 t  
Classification :  
Seagoing launch  
Mooring boat  
✠ Hull • Machinery

## Protection

150 x 150 mm D fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring  
Lifting eyes

## Tanks capacities

Fuel oil : 600 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

150A alternator  
24V marine batteries  
Marine electrical cables  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Fire extinguishers and fire hose  
Horn  
Dampening system

## Propulsion system

Diesel engine  
316L stainless steel mainshaft  
Nozzle Kaplan propeller  
Hydraulic steering gear system  
Machinery fans  
316L stainless steel rudder

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Multiservice barge SEEM I2-370ST



## Dimensions

Overall length : 12.00 m  
Overall width: 5.00 m  
Crew : 7  
Toa I power : 2 x 185 hp  
Speed : 8 Knots  
Deadweight : -  
Fuel oil : 6000 liters  
Classification : -

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel wheelhouse  
Unslipery main deck  
Mooring  
Lifting eyes

## Tank capacities

Fuel oil : 6000 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

Hydraulic winch  
140 kN.m<sup>-1</sup> crane  
Work area lighting  
Windscreen wipers front wheelhouse  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Multiservice barge SEEM 14-I200ST



## Dimensions

Overall length: 14.00 m  
Overall width : 6.50 m  
Crew : 2  
Total power : 2 x 600 hp  
Speed : 9 Knots  
Lightweight : 55 t  
Fuel oil : 4350 liters  
Electric power : 1 x 50 kVA  
Hydraulic power : 30 kW  
Classification :  
Special service  
✱ Hull

## Protection

150 x 150 mm D fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium superstructure  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

## Tank capacities

Fuel oil : 4350 l  
Potable water  
Gray waters  
Dry exhaust system with filters

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, kitchen

## Electricity and Deck layout

1.70 t at 8.00 m crane  
Electric windlass  
24 V, 220V electric networks  
Work area lighting  
Windscreen wipers front wheelhouse  
Radar, GPS, sounder

## Propulsion system

2 x 448 kW diesel engines  
1 x 30 kW hydraulic engine  
1 x 50 kVA generator set  
2 x Jets

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Multiservice vessel SEEM 16-710ST



## Dimensions

Overall length : 16.60 m  
Overall width : 5.20 m  
Loading capacity : 5 t  
Crew : 12  
Total power : 2 x 355 hp  
Speed : 14 Knots  
Deadweight: 40 t  
Fuel oil : 2 x 1500 liters  
Electricity power : 2 x 47.5 kVA  
Classification :  
Seagoing launch  
✚ Hull • Machinery

## Protection

100 x 100 mm D fender  
200 mm cylindric bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel wheelhouse  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

## Tank capacities

Fuel oil : 2 x 1500 l  
Potable water : 2000 l  
Gray waters : 950 l  
Bilge waters : 950 l  
Filling and external vents  
Fire-fighting  
Wet exhaust system

## Accommodation

Air conditioning  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with 4 beds, toilet, shower, kitchen

## Electricity and Deck layout

24 V and 3 x 400 V electric network  
2 x 80A alternator  
24V marine batteries  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Pilot ladder  
2 x 55 Kg anchors with 82 m chain on double windlass  
2 x 12 people liferafts  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Multiservice barge SEEM 19-1000ST



## Dimensions

Overall length: 19.00 m  
Overall width : 8.50 m  
Crew : 6  
Total power : 2 x 500 hp  
Speed : 9 Knots  
Deadweight : 225 t  
Bollad pull : 12 t  
Fuel oil : 60000 liters  
Electric power : 2 x 125 kVA  
Hydraulic power : 90 kW  
Classification :  
Special service  
✠ Hull ✠ Machinery

## Protection

Wood protection on main deck  
100 x 100 mm D fender  
300 mm diameter tyres  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

## Tank capacities

Fuel oil : 60000 l  
Potable water : 20000 l  
Gray waters  
Ballast  
New hydraulic oil  
Wasted hydraulic oil  
Bilge water  
Fire-fighting  
Dry exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, shower, kitchen

## Electricity and Deck layout

12 t towing winch  
12 t towing hook with automatic release system  
15 t at 12 m crane  
Hydraulic windlass  
24 V, 220V, 400 V electric networks  
Work area lighting  
Windscreen wipers front wheelhouse  
Radar, GPS, sounder

## Propulsion system

2 x 368 kW diesel engines  
1 x 90 kW hydraulic engine  
2 x 125 kVA generator sets  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
1 x Hydraulic steering gear system

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Multiservice barge SEEM 20-1000ST



## Dimensions

Overall length: 20.00 m  
Overall width : 9,00 m  
Crew : 10  
Total power : 2 x 500 hp  
Speed : 9,80 Knots  
Deadweight : 290 t  
Bollad pull : 13 t  
Fuel oil : 23 000 liters  
Electric power : 2 x 85 kWe  
Hydraulic power : 130 kW  
Classification :  
Special service / Workboat / Tug  
✚ Hull • Machinery

## Protection

Wood protection on main deck  
D fender  
Tyre fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Steel superstructure  
Unslipery main deck  
Mooring and Towing

## Tank capacities

Fuel oil : 23 000 l  
Cleanup : 20 000 l  
Ballast  
Black / Grey water  
Water  
Bilge water  
Keel cooling  
Dry exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, kitchen

## Electricity and Deck layout

Main, dredging, auxiliary winches  
13 t towing hook  
7 t at 10 m crane  
0,5 t at 5 m crane  
Hydraulic windlass  
24 V, 220V, 400 V electric networks

## Propulsion system

2 x 375 kW diesel engines  
2 x 85 kWe generator sets  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
2 x 55 kW Hydraulic power unit

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



Défense

**MERRÉ**

Société des Etablissement Merré

Société du Groupe BMA

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

téléphone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

[contact@merre.fr](mailto:contact@merre.fr)  
[merre.fr](http://merre.fr)



# Patrol SEEM 8-150AL



## Dimensions

Overall length: 8.00 m  
Overall width : 2.2 m  
Loading capacity : 1500 Kg  
Crew : 8  
Total power : 2 x 75 hp  
Deadweight : 270 Kg

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Coque

Aluminum structure  
Stranding keel  
Self-scooping deck with many scuppers  
Unslipery main deck  
Mooring  
Lifting eyes

## Tank capacities

Fuel oil : 400 l

## Accommodation

Full-width wheelhouse  
Interior floor rubber  
Wheelhouse with back door  
Weatherproof door  
Sliding side windows  
Seats with suspension  
Various closed storage  
Interior handrails

## Electricity and Deck layout

150A alternator  
24C marine batteries  
Marine electrical cables  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Fire extinguishers and fire hose  
Horn  
Ventilated rear box with aluminum cover  
Dampening system

## Miscellaneous

40' container shipment

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Tug SEEM I2-800ST



## Dimensions

Overall length : 11,75 m  
Overall width : 5.10 m  
Crew : 3  
Total power : 2 x 400 hp  
Bollard pull : 10 t  
Speed : 8 Knots  
Light weight : 35 t  
Classification :  
Tug coastal area « in water survey »  
✠ Hull • Machinery

## Protection

300 x 300 mm fender  
Tug bow fender system  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring and Towing  
Lifting eyes

## Tank capacities

Fuel oil : 14000 l  
Potable water : 300 l  
Gray waters : 350 l  
Bilge oil : 150 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Panoramic view  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

1 x Winch  
1 x 15 kW generator  
24V marines batteries  
1 x Electric windlass  
1 x 6 people liferaft  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
1 x Generator  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# VSP SEEM 26-880AL



## Dimensions

Overall length: 26,70 m  
Overall width : 7,00 m  
Crew : 6 passengers + 16 special passengers  
Diesel power : 2 x 440 kW  
Electric power : 2 x 80 kW + 2 x 23 kW  
Speed : 13,00 Knots  
Deadweight : 190 t  
Fuel oil : 6 000 liters  
Classification :  
Special service  
✂ Hull • Machinery

## Hull

Aluminium hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring

## Protection

150 x 150 mm D fendering  
Long lasting paint system

## Propulsion system

2 x Diesel engines  
2 x Electric engines  
2 x 316L stainless steel mainshafts  
2 x Nozzle Kaplan propellers  
1 x 316L stainless steel rudders  
Steering gear unit

## Tank capacities

Fuel oil : 6 000 l  
Used oil  
Black / Grey water  
Water  
Bilge water  
Cooling  
Exhaust system

## Electricity and Deck layout

2 x Generator sets  
1 x Bow thruster  
1 x Davit crane  
24 V, 220V , 400 V electric networks

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system  
Crew mess with cupboard, toilet, kitchen

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Environment

## MERRÉ

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr

# Clean SEEM 8-60AL



## Dimensions

Overall length : 8.00 m  
Overall width : 2.70 m  
Crew : 3  
Total power : 2 x 30 hp  
Speed : -  
Hydrocarbon storage capacity : 2 x 215 liters  
Deadweight : 2,50 t  
Fuel oil : 2 x 53 liters  
Classification :  
-

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Aluminium hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring

## Tank capacities

Fuel oil : 106 l  
Filling and external vents

## Accommodation

Pilot seat with suspension and footrest

## Electricity and Deck layout

Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Outboard diesel engines

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Hydrographic vessel SEEM I2-340ST



## Dimensions

Overall length : 11.98 m  
Overall width : 3.94 m  
Crew : 10 personnes  
Total power : 2 x 170 hp  
Speed : 10 Knots  
Echosounder speed : from 5 to 8 Knots  
Deadweight : 21 t  
Fuel oil : 2000 liters  
Classification :  
-

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Steel hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring

## Tank capacities

Fuel oil : 2000 l  
Potable water : 110 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

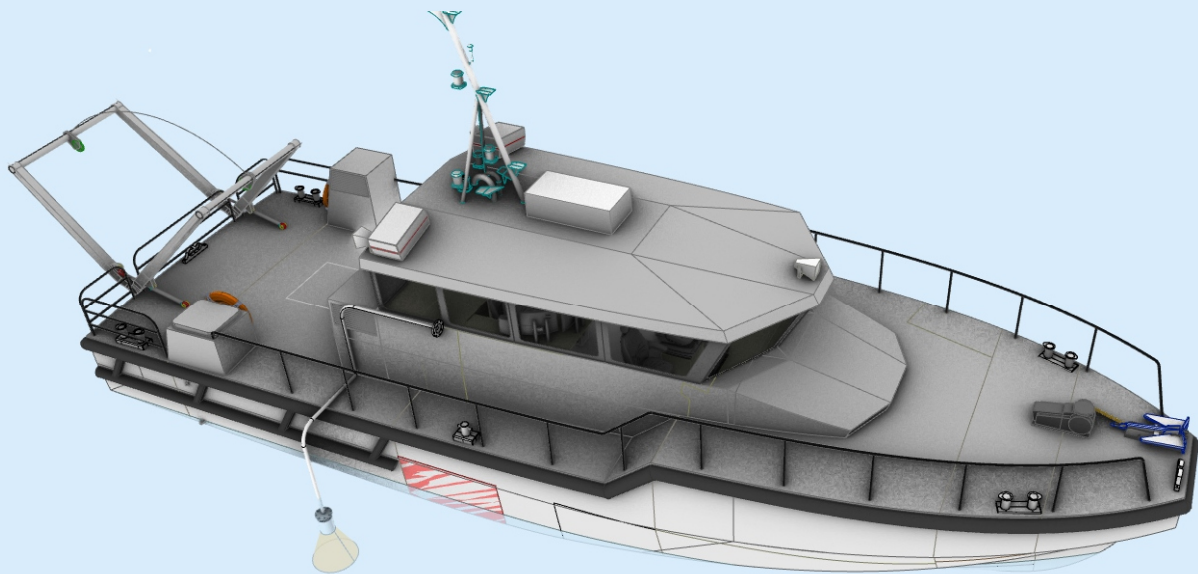
2 x Diesel engines  
2 x 316L stainless steel rudders  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Hydrographic vessel SEEM I5-260AL



## Dimensions

Overall length : 15,10 m  
Overall width : 4,70 m  
Crew : 8 people  
Total power : 2 x 129 kW  
Speed : 10 Knots  
Echosounder speed : from 3 to 5 Knots  
Deadweight : 23 t  
Fuel oil : 3000 liters  
Classification :  
Bureau Veritas

## Protection

Fender  
Long lasting paint system  
Sacrificial anodes

## Hull

Aluminium hull  
Aluminium wheelhouse  
Unslipery main deck  
Mooring

## Tank capacities

Fuel oil : 3000 l  
Potable water : 50 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Electricity and Deck layout

Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel rudders  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Seagoing transport

## MERRÉ

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

contact@merre.fr  
merre.fr



# Double-end ferry SEEM 40-II40ST



## Dimensions

Overall length : 66.00 m  
Hull length : 40.00 m  
Overaal width : 11,25 m  
Crew : 5  
Total power : 1140hp  
Deadweight : 335 t  
Speed : 8 Kts  
Fuel oil : 2 x 1200 liters  
Electric power : 2 x 50 kVA  
Classification :  
-

## Hull

Steel hull  
Aluminium superstructure  
Unslipery main deck  
Mooring  
Lifting eyes

## Passengers

145 people

## Carriageway

27 cars  
2 trucks

## Tank capacities

Fue oil : 2 x 12000 l  
Fuel oil : 2 x 1000 l  
Potable water : 300 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Electricity and Deck layout

24V marine batteries  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Propulsion et Machine

4 x Cummins engines  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Double-end-ferry SEEM 43-I550ST



## Dimensions

Overall length : 58.00 m  
Hull length : 43.00 m  
Overall width : 14.70 m  
Crew : 4  
Total power : 2 x 775 hp  
Deadweight : 734 t  
Speed : -  
Fuel oil : 2 x 23500 liters  
Electric power : 2 x 125 kVA  
Classification :  
-

## Hull

Steel hull  
Aluminium superstructure  
Unslipery main deck  
Mooring  
Lifting eyes

## Passengers

196 people

## Carriageway

36 cars  
24 cars + 4 trucks

## Tank capacities

Fuel oil : 2 x 23500 l  
Fuel oil : 2 x 1500 l  
Potable water : 2000 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Electricity and Deck layout

24V marine batteries  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Propulsion system

4 x Voith engines  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Double-end ferry SEEM 46-I250ST



## Dimensions

Overall length : 66.00 m  
Hull length : 46.00 m  
Overaal width : 12.75 m  
Crew : 4  
Total power : 1250 hp  
Deadweight : 386 t  
Speed : -  
Fuel oil : 2 x 21500 liters  
Electric power : 3 x 520 kVA  
Classification :  
-

## Hull

Steel hull  
Aluminium superstructure  
Unslipery main deck  
Mooring  
Lifting eyes

## Passengers

296 people

## Carriageway

40 cars  
24 cars +2 trucks

## Tank capacities

Fue oil : 2 x 21500 l  
Fuel oil : 2 x 200 l  
Potable water : 300 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Dry exhaust system

## Electricity and Deck layout

24V marine batteries  
LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Accommodation

Pilot seat with suspension and footrest  
Flooding alarm system  
Engine room fire alarm system

## Propulsion et Machine

4 x Voith engines  
Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP





# Public transport

## MERRÉ

Société des Etablissement Merré

BMA Group

Route de Nantes

B.P. 57  
44390 Nort sur Erdre

France

phone : +33 (0)2 40 29 50 44  
fax : +33 (0)2 40 29 52 56

[contact@merre.fr](mailto:contact@merre.fr)  
[merre.fr](http://merre.fr)

# Pax SEEM 25-2840AL



## Dimensions

Overall length : 25.00 m  
Overall width : 7.10 m  
Crew : 2  
Total power : 2 x 1420 hp  
Speed : 30 Knots  
Deadweight : 53 t  
Fuel oil : 2 x 2750 liters  
Electric power : 22 kVA  
Classification :  
-

## Passengers

115 people

## Hull

Aluminium hull  
Aluminium superstructure  
Unslipery main deck  
Mooring

## Protection

150 x 150 mm D fender  
Long lasting paint system  
Sacrificial anodes

## Tank capacities

Fuel oil : 2 x 2750 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Electricity and Deck layout

LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP



# Pax SEEM 30-1060AL



## Dimensions

Overall length : 30.80 m  
Overall width : 7.40 m  
Crew : 2  
Total power : 2 x 529 hp  
Deadweight : 103 t  
Speed : 15 Knots  
Fuel oil : 2 x 2250 liters  
Electric power : 2 x 63 kVA  
Classification :  
-

## Passengers

200 people

## Hull

Aluminium hull  
Aluminium superstructure  
Unslipery main deck  
Mooring

## Protection

150 x 150 mm D fender  
Long lasting paint system  
Sacrificial anodes

## Tank capacities

Fuel oil : 2 x 2250 l  
Potable water : 800 l  
Filling and external vents  
Bilge water  
Fire-fighting  
Wet exhaust system

## Electricity and Deck layout

LED lights  
Work area lighting  
Windscreen wipers front wheelhouse  
Defogging system  
Radar, GPS, sounder

## Propulsion system

2 x Diesel engines  
2 x 316L stainless steel mainshafts  
2 x Propellers  
2 x 316L stainless steel rudders  
1 x Hydraulic steering gear system

Note: Some items in this specification are optional. The specifications and the general arrangement may be modified as required by the owner.

**S.E.E. MERRÉ**  
SHIPYARDS / CONSTRUCTION NAVALE  
B.M.A. GROUP

