PRODUCTS OVERVIEW

BOHAMET S.A. has been the undisputed leader in the production of ship windows and doors for almost 40 years. From the beginning of its activity, BOHAMET S.A. focuses on the development and continuous improvement of production processes so that the company's products better meet the growing needs of customers. Thanks to the high quality of our products and services, we have earned the opinion of a reliable and trustworthy partner.

The offer of BOHAMET S.A. includes elements manufactured in three plants: a ship window and door production plant, an aluminum joinery production plant, and a glass processing plant.

The ship window and door production plant produces various types of ship windows, steel, aluminum and GRP doors, as well as hatches and wiper systems. The EX department belonging to this plant produces mining equipment such as highly advanced explosion-proof boxes.

The glass processing plant supplies panes for the production of windows for its own needs, as well as panes as a separate product.

The aluminum joinery production plant is the youngest plant, it has been operating since 2010. It supplies balcony systems, hinged and sliding doors, windows, facades and other specialized products.

SHIP WINDOWS - FIXED

installation method	welded
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	bolted
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	clamped
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

SIDE SCUTTLES - FIXED

installation method	welded
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	bolted
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	welded
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	bolted
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	clamped
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

SIDE SCUTTLES - OPENING

installation method	welded
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

installation method	bolted
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
optional mulion	vertical, horizontal
options	external storm cover, deadlight

SLIDING WINDOWS

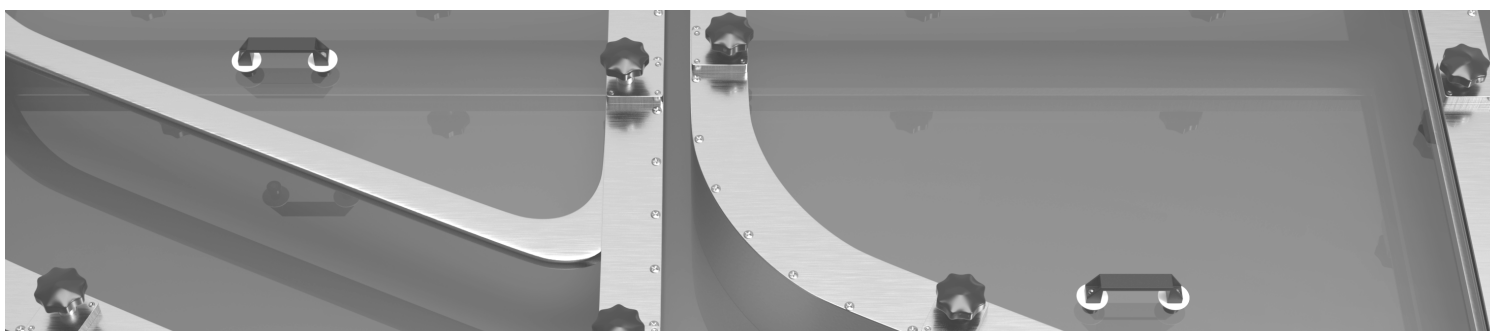|	
type	horizontal
installation method	bolted
shapes available	rectangular, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass

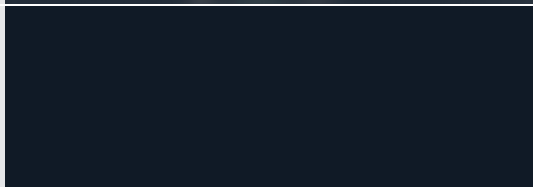|	
type	horizontal
installation method	welded
shapes available	rectangular, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass
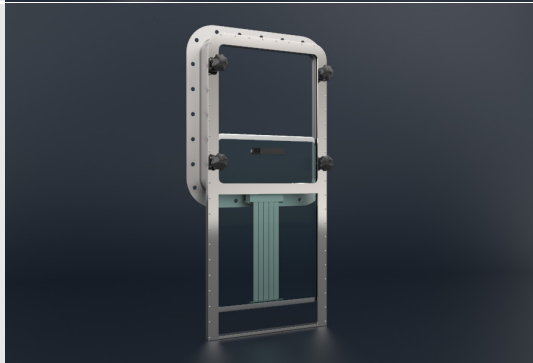
type	vertical
installation method	bolted
shapes available	rectangular, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass

type	vertical
installation method	welded
shapes available	rectangular, special
frame material	ST, SS, AL
glass retainer material	ST, AL, brass

SHIP WINDOWS - FIXED - FIRE RATED

A0

A30

A60

installation method	welded
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

A0

A30

A60

installation method	bolted
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

SIDE SCUTTLES - FIXED - FIRE RATED

A0

A30

A60

installation method	welded
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

A0

A30

A60

installation method	bolted
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

SIDE SCUTTLES - OPENING - FIRE RATED

A0

|	
installation method	welded
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

A0

installation method	bolted
shapes available	rectangular, trapezoid, circular, oval, special
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

SIDE SCUTTLES - OPENING - FIRE RATED

A0

installation method	welded
frame material	ST, SS
glass retainer material	SS
optional mulion	vertical, horizontal
options	external storm cover, deadlight

WINDOW BOXES

B15
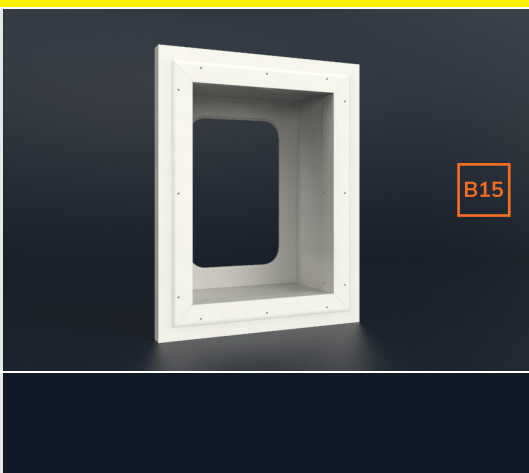
type	telescopic design / adjustable depth
material	ST, SS
finish	shot blasting, painted RAL / NCS
insulation	ROCKWOOL / PAROC (30mm, 130kgm^3)

SHIP DOORS - NON-CLASSIFIED

Type	Operation	Leaves	Material	Bolts qty
BOH.0110	hinged	1	ST	-
BOH.0410	hinged	1	ST, SS, AL	-
BOH.0411	hinged	1	ST, SS, AL	-
BOH.0412	hinged	1	ST, SS, AL	-

SHIP DOORS - SPRAYTIGHT

Type	Operation	Leaves	Material	Bolts qty
BOH.0102	hinged	1	ST, SS, AL	2
BOH.0103	hinged	1	ST, SS, AL	2
BOH.0162	hinged	1	GRP	2
BOH.0180	sliding	1	ST	-
BOH.0202	hinged	2	ST, SS, AL	4
BOH.0301	hinged	1	ST	2
BOH.0302	hinged	2	ST	4
BOH.Y152	hinged	1	AL	-
BOH.Y252	hinged	2	AL	-

SHIP DOORS - WEATHERTIGHT

Type	Operation	Leaves	Material	Bolts qty
BOH.0101	hinged	1	ST, SS, AL	6, 4
BOH.0150	hinged	1	ST, SS, AL	2, 5
BOH.0160	hinged	1	GRP	5
BOH.0161	hinged	1	GRP	5

SHIP DOORS - WEATHERTIGHT

Type	Operation	Leaves	Material	Bolts qty
BOH.0201	hinged	2	ST, SS, AL	6, 10
BOH.0231	hinged	2	ST, SS, AL	9
BOH.0331	hinged	1	ST, SS, AL	2, 3, 4, 5
BOH.0335	hinged	1	ST, SS, AL	6, 8
BOH.0338	hinged	1	ST, SS, AL	6, 8

SHIP DOORS - WATERTIGHT

Type	Operation	Leaves	Material	Bolts qty
BOH.0245 - up to 0.7bar	hinged	2	ST	32
BOH.0340 - up. to 0.4bar	hinged	1	ST, SS, AL	8, 10
BOH.0345 - up to 1.5bar	hinged	1	ST	8, 10, 12, 14
BOH.0335 - up to 3.0bar	hinged	1	ST	14

SHIP DOORS - FIRE RATED

Type	Tightness	Fire class	Leaves	Material	Bolts qty
BOH.0101	weathertight	A30	1	ST	4
BOH.0150	weathertight	A0/A30	1	ST	5
BOH.0231	weathertight	A60	2	ST	9
BOH.0232	weathertight	A60	2	ST	9
BOH.0245 - up to 0.7bar	watertight	A60	2	ST	32
BOH.0335	weathertight	A60	1	ST	6, 8
BOH.0340	watertight	A60	1	ST	8, 10
BOH.0411	internal	A30	1	ST	-
BOH.0412	internal	A60	1	ST	-

WIPERS
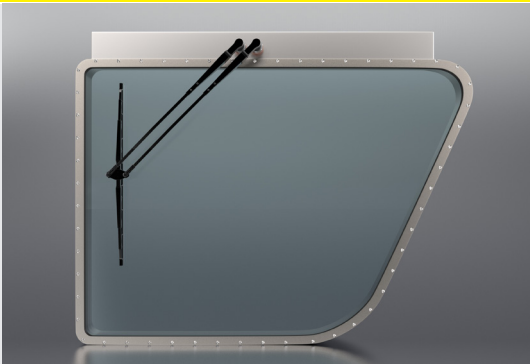
types	pantograph / pendulum
models	W40.16-A
	W40.16-AS
	W60.16-A
	W60.16-AS
	W60.16-A.02
	W60.16-Z
cleaning area	up to 70%

types	horizontal
models	WAL.E.2100
	WAL.I.2100
cleaning area	up to 90%

Accessories: spray system, electrovalves, tanks for spray systems, PSU power distribution cabinets.

WASHING UNITS
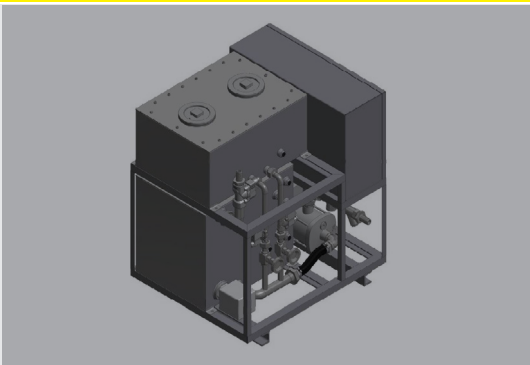
Advanced washing units Model WWS.01 Model WWS.03 Model WWS.300D Such units are used to supply the appropriate cleaning agent to the piping system and nozzles installed on windows or wipers. Such devices have functions such as:
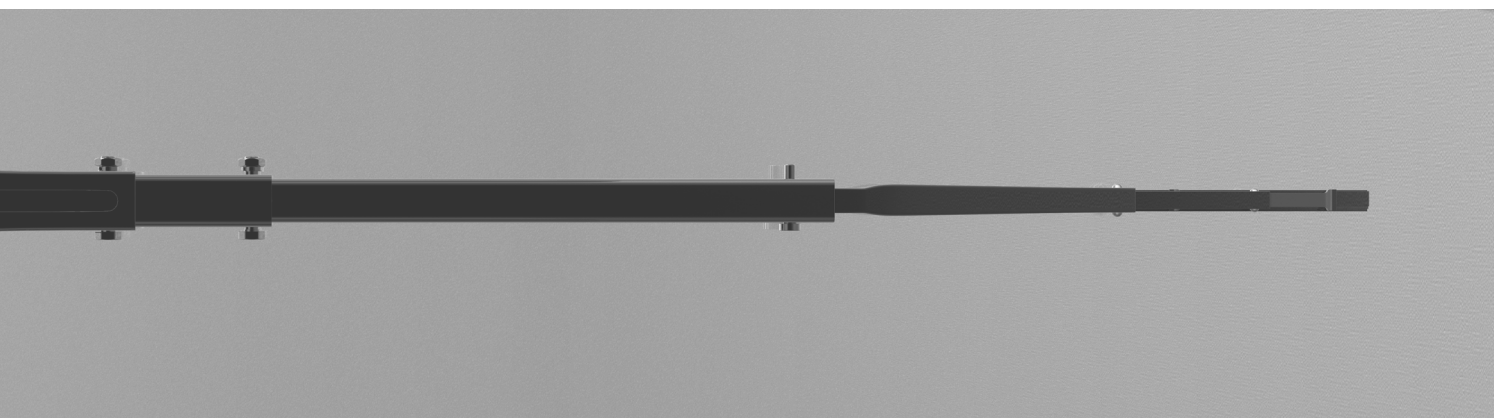
Fresh water heating

Additional detergent tank

Additional glycol tank

Automatic refilling of fresh water in the main tank

System pressure measurement up to 7 BAR

Electronic level measurement in all liquid tanks

Full communication with the system installed on the bridge along with signaling of low fluid levels

Advanced control system based on the MS 24 VDC touch panel that controls the wipers.

Model	Power supply	Horizontal wiper (all types)	Pantograph wiper W40.16	Pantograph wiper W60.16
MS 24 VDC + IMS 24 VDC	24 VDC	*	*	*
MS 24 VDC + IMS 230 VAC	230 VAC	*	*	*
WCP.P.S2 + EMS 24 VDC	24 VDC	*	*	*
WCP.P.S2 + EMS 230 VAC	230 VAC	*	*	*
MCP.01.H S + IMS 24 VDC	24 VDC	*	*	*
MCP.01.H S + IMS 230 VAC	230 VAC	*	*	*
WCP.S1	24 VDC	X	X	*
WCP.S2	24 VDC	X	X	*
WCP.S3	24 VDC	X	X	*
WCP.S4	24 VDC	X	X	*
WCP.S5	24 VDC	X	X	*
WCP.S6	24 VDC	X	X	*
WCP.W1.H S	24 VDC	*	*	*
WCP.W2.H S	24 VDC	*	*	*
WCP.W3.H S	24 VDC	*	*	*
WCP.W4.H S	24 VDC	*	*	*
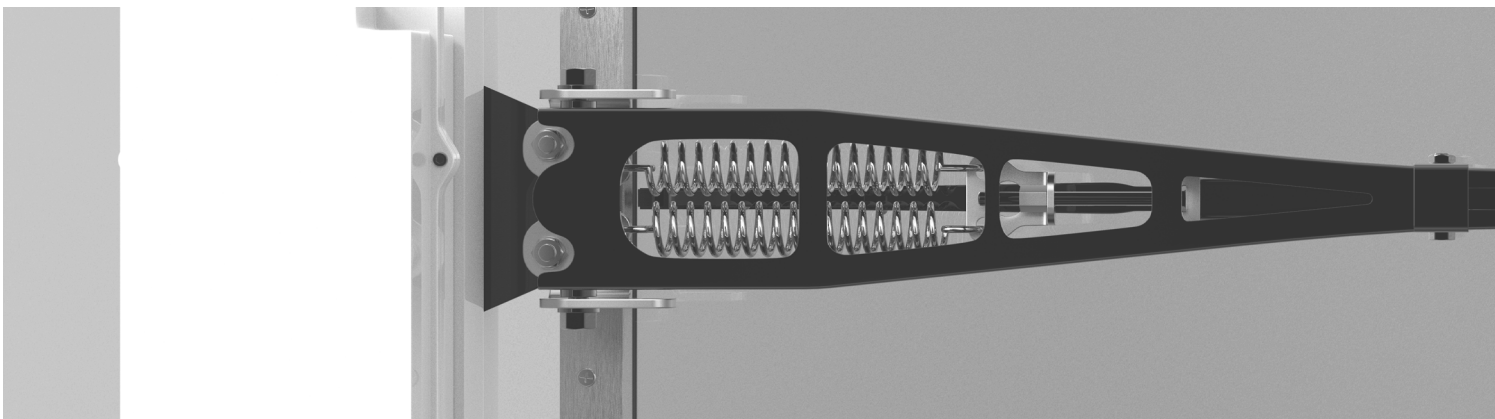
Qty of wipers	ON/OFF	Speed regulation	Interval regulation	Heating control	Spraying control
1-80	*	*	*	*	*
1-80	*	*	*	*	*
1	*	*	*	*	*
1	*	*	*	*	*
1-10	*	*	*	*	*
1-10	*	*	*	*	*
1	*	*	X	X	X
2	*	*	X	X	X
3	*	*	X	X	X
4	*	*	X	X	X
5	*	*	X	X	X
6	*	*	X	X	X
1	*	*	*	*	*
2	*	*	*	*	*
3	*	*	*	*	*
4	*	*	*	*	*

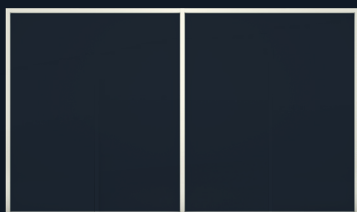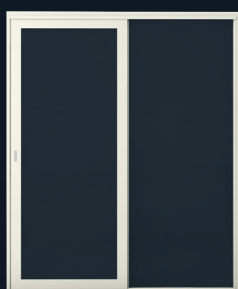|	
type	hinged doors
application	internal, external
fire rating	–
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass, solid panel
options	window, panic fittings, el. drive, etc

B15
A0
A30

type	hinged doors
application	internal, external
fire rating	B15, A0, A30
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass, solid panel
options	window, panic fittings, el. drive, etc

B15

type	fixed window
application	internal, external
fire rating	non-rated, B15
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass
options	functional glass

type	manual sliding doors
application	internal, external
fire rating	–
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass, solid panel
options	low sill, el. drive, child lock

A0

type	automatic sliding doors
application	internal, external
fire rating	non-rated, A0
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass, solid panel
options	heated sill, remote network control, radar, barrier, overload safety switch

ALUMINUM JOINERY

type	inner window
application	internal
fire rating	non-rated, B15
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass
options	soundproof glass up to 41dB

type	facade, public glazing
application	internal, external
fire rating	-
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
infill	glass, solid panel
options	functional glass

MODULAR BALCONY SYSTEM

|	
type	BOHSLIDE balcony door (horizontal or vertical)
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
pressure load	up to 18kPa
options	child lock, smoke detector, el. drive, AC switch

type	balustrade
material	SS, AL 6060 / 6063, anti-corrosion precoat, powder painted
pressure load	up to 5kPa
options	safety glass, AL / wood/ composite handrails

type	divider
material	AL 6060 / 6063, anti-corrosion precoat, powder painted
options	safety glass, solid panel,

type	flooring with water drain system
material	AL 6060 / 6063, anti-corrosion precoat, powder painted

GLASS

Shape	Safety functions	Functionality	Colour
flat	ESG	heated	transparent
bent	laminated	isolated	tinted
		soundproof	silk print
		fire-rated	
		bulletproof	
		Priva-Control	
		EMI	
		explosionproof	
		shatterproof	
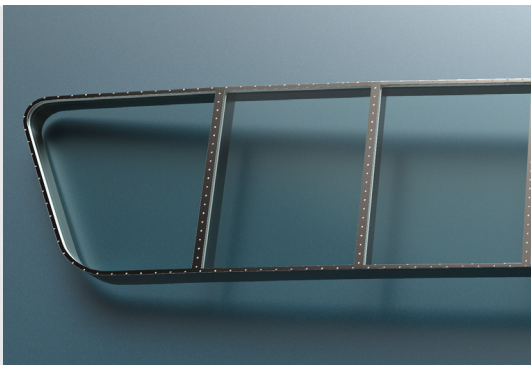
type heated glass
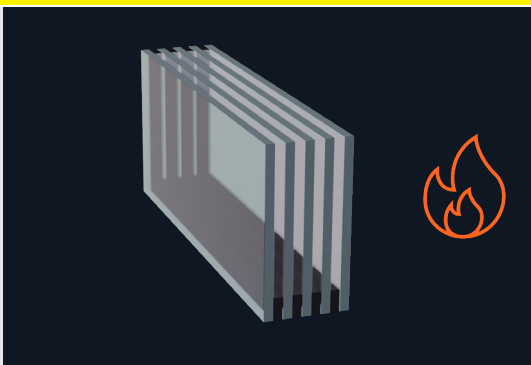**power** acc. to ISO3434 up to 21W/dm²
voltage 24VDC, 230VAC, 440VAC

type laminated safety glass
foils PVB, SGP, EVA

type bulletproof Armex® glass
classes BR4S(NS) - BR7S(NS) acc. to EN1063
Level1 acc. to Stanag 4569/AEP-55
Level2 acc. to Stanag 4569/AEP-55 -
certificate pending

type	fire-rated Bohflam® glass
classes	A0, A30, A60,
	B0, B15
	H60, H120

type	bent glass
shapes	cone, cylinder
bending	2 dimensions
options	heated, A0 fireproof

type	Priva-Control®
	variable transparency glass

type	E-Magnetic®
frequency	from 100kHz to 40GHz
attenuation	up to 40dB
light transmition	up to 80%
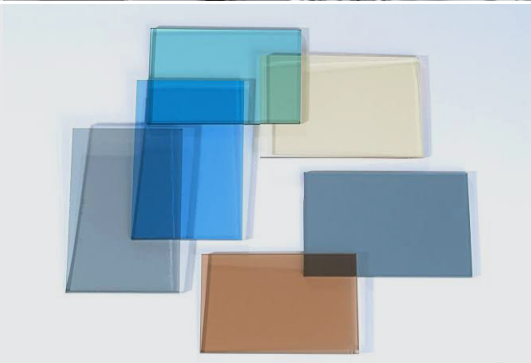
type	tinted glass
thickness	6 - 12mm
colours	grey, brown, green, blue

BOHAMET