# **BLRT REPAIR YARDS**

**Every detail matters!** 

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## About yards in brief

BLRT Repair Yards, members of BLRT Grupp, is a group of repair yards: Tallinn Shipyard in Estonia, Western Shiprepair in Lithuania and Turku Repair Yard in Finland. Design and technical support, repair, maintenance and retrofit of different types of vessels are yards` principal activities.



7 docks

about 600 employees

### **Professional services at your disposal**

- Inspections
- Design & Engineering (IN-HOUSE D&E BUREAU)
- General repair services (ALL- IN- HOUSE CONCEPT)
- Retrofit
- Conversion and modernization
- Afloat repairs



### **Turku Repair Yard**

Graving Dock265 m x 70 m x 7.9 mLay berth184 m, 7.7 mCrane capacity150 t, 100 t, 2 x 30 tElectrical power supplyup to 2800 A, 2 MW

265 m \* 70 m \* 7.9 m - one of the largest dry docks in Northern Europe



### Western Shiprepair

Description	Dock 219	Dock 170	Dock 12
Lifting capacity	27 000 t	30 000 t	33 000 t
Keel blocks length	200 m	201,4 m	235 m
Width between fenders	30 m	34 m	44 m
Cranes	2 x 15 t	2 x 15 t	2 x 12 t

235 m \* 45 m – the largest floating dock in the Baltics



## **Tallinn Shipyard**

Description	Dock 2	Dock 34	Coming in 2024
Lifting capacity	4 500 t	8 500 t	10 000 t
Supported length	101 m	139.5 m	165 m
Clear breadth	22 m	23.8 m	30 m
Cranes	5 t	5 t + 5 t	2 x 10 t



# **Green solutions for the shipowners**

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## **Expertise**

- Decarbonization solutions
- Exhaust gas cleaning systems
- Transition to alternative fuels
- Hybrid solutions
- Shore power connection
- Wind propulsion system
- Ballast water treatment systems



## How it usually works?

**Equipment supplier** 



Shipowner







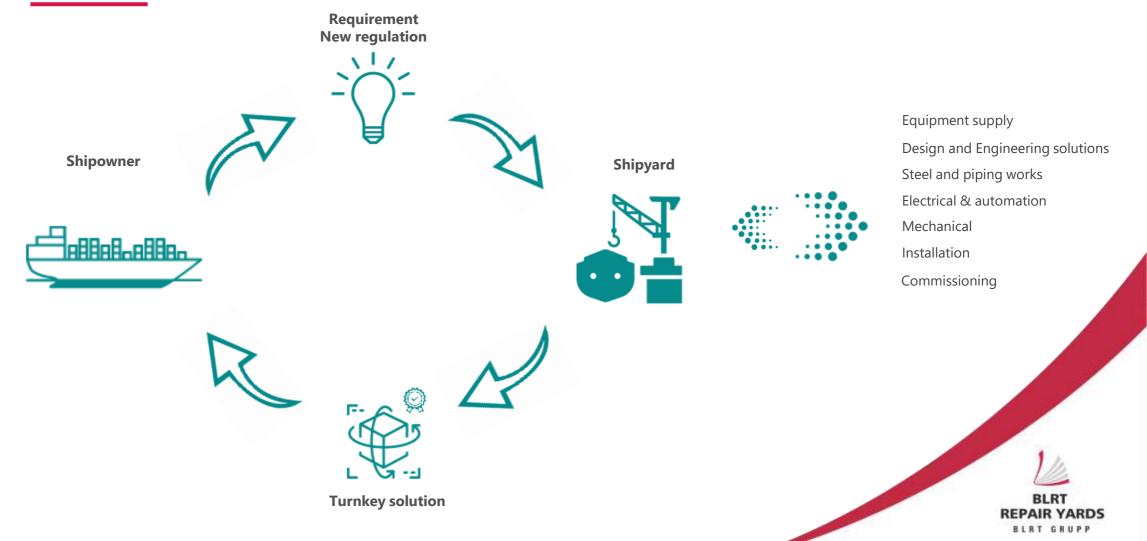
**Engineering bureu** 

Shipyard

BLRT REPAIR YARDS

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### What do we offer You instead



# **Footsteps of green production**



### **Environmentally friendly surface preparation**

Advantages of the **"Dock boy" equipment**:

- An enclosed process ensures that the debris and old paint would be removed (through an integrated vacuum system) with a negligible environmental footprint
- High productivity rate that shortens the time required for preparation of the surface for painting
- Cleaning pressure is up to 3000 bar which ensures complete removal of old coatings and all contamination in steel
- The minor areas that cannot be covered with "Dockboy" can be covered with manual guns with pressures up to 2800 bars.



## **Dust-free grit blasting**

Advantages of the **Blastrac 900 VMB steel blaster** equipment:

- Cleaner surface treatment
- Smoother paint application such as silicone and coating for ice-class vessels
- Minimum spread of smaller particles
- Highly productive dust- free blasting systems for vertical plain surfaces
- Surface cleaning with steel grit to quality up to Sa3



### Sheds for repair and treatment of hatch covers

- Simultaneous repair, cleaning and coating of several hatch covers
- Reduction of environmental impact and spread of particles
- Possibility to work regardless of the weather

#### Total area 2150 m2:

- From 9 up to 12 hatch covers in the case of the ship's length is 95 m
- Up to 5 hatch covers in the case of a 150-m-long ship



# Yards` ecological aspects



### **Emergency spill stations / containment booms**

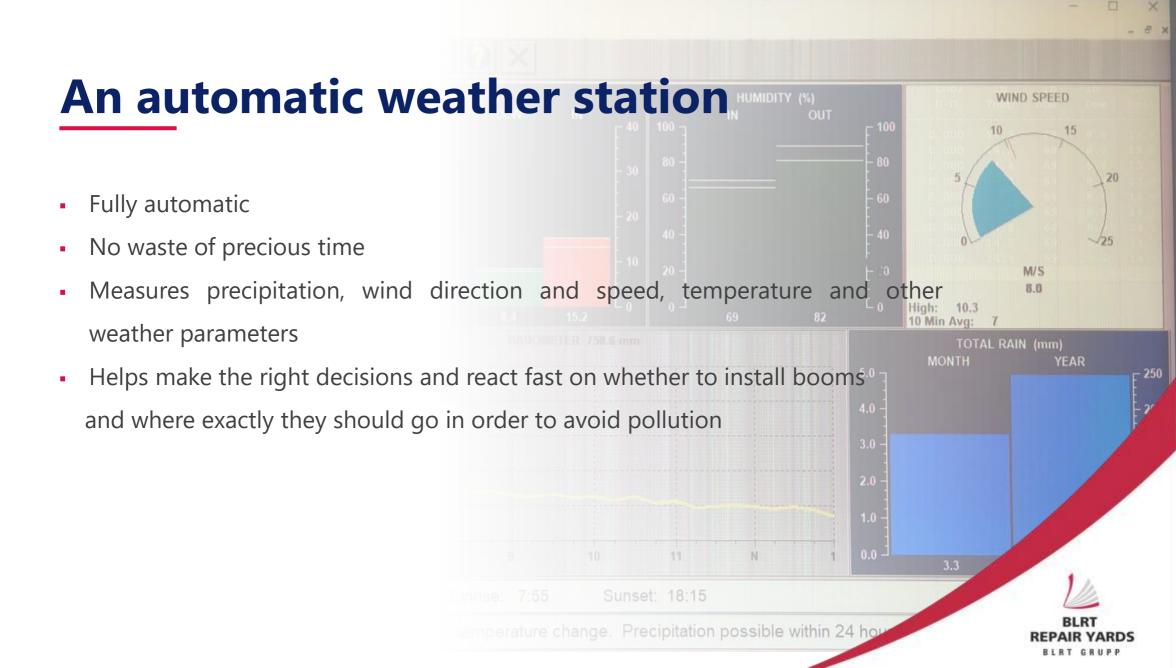
#### **New- generation containtment booms**

- Installed around docks to ensure continuous environmental protection
- Serving as a physical barrier preventing oil spills from spreading further
- New booms are much less heavy, more effective and reliable

#### **Emergency spill stations by the berths**

- Aims at potential spills/ leaks prevention, containment and prompt response depending on the situation
- Located by the berth well-suited for the mooring of spill control boats and twin-hull vessels
- Accessible by a weight-lifting vehicle
- Able to take action before on-call response team arrival
- Additional feature use of an upgraded oil spill response vessel





### Contacts

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For the better, greener future!

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