

RoRo by WW Ocean

– The safer, smarter
way for your breakbulk



Loading, stowing and discharging breakbulk cargo are delicate operations which demand both experienced personnel and purpose-built equipment. Whatever your breakbulk needs, WW Ocean can supply the equipment necessary to ensure that your cargo is handled in the safest and most efficient manner possible.



Roll trailers

The workhorse of our equipment fleet, roll trailers have been developed for cargo up to 140 tonnes. Roll trailers are simply towed on and off the vessel. Cargo types: all kinds of break-bulk from machine tools to crane counterweights. WW Ocean also offers a wide range of specialised low profile and railed roll trailers.

Cargo weight
< 140 t
Cargo length
< 28 m
Equipment length
20'-80' feet (6-24 m)
Equipment width
2.5 m
Equipment height
0.44-1.1 m

Multi-Purpose Bogie (MPB)

MPBs are especially suitable for long cargo up to 140 tonnes and are used in pairs. Depending on the cargo, they can be fitted with rails, a long platform or connected together to create a lighter version of a Samson trailer. Cargo types include: railcars, fabricated beams, compact generators and transformers.

Cargo weight
< 140 t per set
Cargo length
6-40 m
Equipment length
3 m/platform
Equipment width
2.28 m
Equipment height
0.94-1.1 m



Samson heavy-lift trailer

An original WW Ocean design ideal for breakbulk up to 220 tonnes. They are available in 8, 10 and 16 m variations, ensuring there's always a perfect fit for your needs. Cargo types include: transformers, generators and turbine rotors.

Cargo weight
< 220 t
Cargo length
6-18 m
Equipment length
8-16 m
Equipment width
3 m
Equipment height
1.1 m

Blocks and Beams

Jack-up trailers with blocks and beams are used to handle cargo of up to 400 tonnes and are configured to suit the cargo being shipped. The unit is stowed on blocks and beams during terminal storage and onboard the vessel. Cargo types include: transformers, generators, boilers, rotors, tunnel boring machines and hydraulic press machines.

Cargo weight
< 400 t
Cargo length
< 50 m
Equipment height
Approx. 1.55 m



Bolsters

Designed for smaller breakbulk cargo up to 23 tonnes not suited for direct stowage on a vessel deck. Bolsters are suitable to minimize the handling operation in the port as several small pieces of cargo can be loaded on a bolster and forklifted onboard. Cargo types include: steel plates and coils, small yachts, crates and machinery.

Cargo weight
< 23 t
Cargo width
< 3.5 m
Cargo length
< 9 m
Equipment length
6.10 m
Equipment width
2.44 m
Equipment height
0.23 m

WW Ocean – the fast and efficient way of moving breakbulk

RoRo means roll-on, roll-off – the safest, fastest and most cost efficient way to transport breakbulk cargo. As the world's most experienced RoRo breakbulk carrier, Wallenius Wilhelmsen Ocean (WW Ocean) has unmatched expertise in handling high, heavy and long loads.

World class cargo handling

Moving breakbulk cargo successfully requires a number of uncertainties to be well managed. The risk of damages, missing key connections and delay penalties are just some of the challenges that can give logistics managers sleepless nights. That's why we collaborate closely with our customers from preparation to execution, to bring them peace of mind. We always start by taking the time to understand their needs. We take pride in our attention to detail and long years of experience, which together ensure unmatched cargo handling quality.

Wolfgang Hüter of Hansa Meyer,
Project Freight Forwarder:

” WW Ocean handling methods minimize the number of switches in the loading and unloading process, significantly reducing the risk of damage.

Leading breakbulk solutions

With RoRo, there's less lifting. By only touching the breakbulk equipment while gently rolling aboard, the risk of damage is minimal compared to lifting cargo onto a vessel. Even when transshipment is involved, cargo can remain on the same equipment.

Since cargo is stowed on enclosed decks, it is sheltered from the elements, reducing the need for packaging. Our vessels are designed with a high main deck clearance to accommodate large, heavy and out-of-gauge cargo.

This means less need for dismantling cargo, which minimises complexity and risk while saving time. With the world's most breakbulk-capable RoRo fleet, even experienced logisticians may be surprised by the cargo we can carry:

- Up to 6,1 metres high
- Up to 12 metres wide
- Up to 400 tonnes in weight

WW Ocean has the in-house competence to engineer solutions for the most demanding customer needs, including tailored solutions for specific projects.

Chris Foley, Manager Freight, Fleet & Trade
Compliance Australasia, Joy Global:

” We have been a customer for over 25 years, and when there are special arrangements that have to be made, it's so easy to make them with WW Ocean.

Contact us today to learn how we can help you with your next breakbulk move

Wallenius Wilhelmsen Ocean (WW Ocean) operates the largest and most breakbulk-capable RoRo fleet in the world and offers a full range of cargo carrying solutions. Breakbulk has always been, and will always be a priority business for WW Ocean. Our global network reach, local knowledge of ports worldwide, and liner service with high frequency schedules, provide safe and smart solutions at the lowest total transport cost.

www.2wgglobal.com