



# EQUIPMENT

**samskip**

> Samskip operates a Pan European network of shortsea services and multimodal connections. Cargo can be transported via ship, rail, barge and road to offer customers efficient tailor-made transport solutions, using a wide range of vessels, trains, containers and Huckepack trailers.

**Specialized Equipment**

Different routes, cargo and regulations ask for specialised and high quality equipment. As Samskip owns a wide range of vessels, containers and trailers, we are always able to offer you the right equipment for your specific cargo. Samskip vessels are especially designed to suit the 45ft requirements. With space for 26 ISO-pallets or 33 Euro-pallets, multimodal transport is highly competitive with conventional road transport. Pallet wide and high-cube containers are offered in 45ft as well as 40ft dimensions.

Besides reefers, Samskip offers a 45ft curtain side container, which combines full side accessibility with all advantages of multimodal transport. Samskip’s flatracks serve the steel and construction industry offering combined side and toploading.

**Innovative and Specialized**

Samskip is constantly seeking for improvements in loading capacity and quality of equipment. The technical team of Samskip was closely involved in the development of the 45ft container. The continuous reduction of tare weight, the strengthening of the container construction and the curtain-sided container are examples of Samskip’s commitment to innovate. Samskip works closely together with the customer to develop specific equipment. In this context Samskip developed a reefer with environmentally friendly foam, FRP sideling, a 45ft container for hanging meat and most recently a 45ft flatrack. As your goods must be transported with great care, Samskip only uses high quality equipment. All containers are ventilated to help prevent moisture. Lashing rings and strong wooded flooring ensure cargo safety.

**Equipment: Details and Internal Dimensions\***

\* Container measurements vary, depending on year of production and manufacturer.

**45ft pallet-wide container**

With its ability to offer optimal cubic capacity (33 Euro pallets), the 9’6” high cube 45ft containers makes intermodal and environmentally friendly transport a very competitive alternative to conventional road transport.



45ft container (9’6”)	
Internal length (m)	13.56
Internal width (m)	2.44
Internal height (m)	2.70
External length (m)	13.72
External width (m)	2.50
External height (m)	2.90
Door height (m) <sup>1</sup>	2.59
Door width (m)	2.42
Tare (ton) <sup>1</sup>	4.23
Max gross weight (ton)	34
Volume (m <sup>3</sup> ) <sup>1</sup>	89
Euro pallets (#)	33

<sup>1</sup>2000 new containers: door height 2.64 m, tare 4.20 ton, volume 90 m<sup>3</sup>.

**45ft pallet-wide reefer**

With a real-time track and trace capability for web-based remote management, our temperature-controlled 45ft containers are ideal for temperature-controlled transport within the range from -30°C to +30°C.



45ft reefer	
Internal length (m)	13.28
Internal width (m)	2.44
Internal height (m)	2.58
External length (m)	13.81
External width (m)	2.55
External height (m)	2.90
Door height (m)	2.57
Door width (m)	2.44
Tare (ton) <sup>2</sup>	5.99
Max gross weight (ton)	34
Volume (m <sup>3</sup> )	83.50
Euro pallets (#)	33

<sup>2</sup>140 containers: tare 5.76 ton; 50 containers: tare 5.88 ton, 2.49 m internal width and 2.60 m external width

**45ft ventilated container**

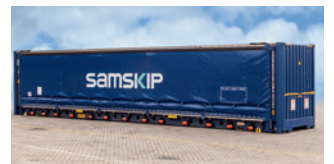
The 45ft ventilated container are identical to the 45ft container 9’6” with the exception of airvents at the side and front panels; ideal for specialised cargo such as chemicals.



45ft ventilated	
Internal length (m)	13.56
Internal width (m)	2.44
Internal height (m)	2.71
External length (m)	13.72
External width (m)	2.50
External height (m)	2.90
Door height (m)	2.63
Door width (m)	2.42
Tare (ton) <sup>2</sup>	4.2
Max gross weight (ton)	34
Volume (m <sup>3</sup> )	90
Euro pallets (#)	33

**45ft curtain-sided container**

This type of container meets those transportation needs where the ease of access for the loading and unloading of goods is a must.



45ft curtain-sider*	
Internal length (m)	13.55
Internal width (m)	2.45
Internal height (m)	2.44
External length (m)	13.71
External width (m)	2.55
External height (m)	2.89
End door opening width (m)	2.43
End door opening height (m)	2.33
Side opening width (m)	12.49
Side opening height (m)	2.31
Tare (ton)	5.84
Max gross weight (ton)	34
Volume (m <sup>3</sup> )	81
Euro pallets (#)	33

\* Equipment side rails vertical to 211cm



#### 40ft pallet-wide container

Samskip's offers pallet-wide high-cube (9'6") 40ft containers for additional height and capacity.



40ft container (9'6")	
Internal length (m)	12.10
Internal width (m)	2.44
Internal height (m)	2.69
External length (m)	12.19
External width (m)	2.50
External height (m)	2.90
Door height (m)	2.58
Door width (m)	2.40
Tare (ton)	4.35
Max gross weight (ton)	34
Volume (m <sup>3</sup> )	79.40
Euro pallets (#)	30

#### 20ft, 40ft and 45ft flatracks

Flatrack equipment is ideal for side and top loading. Designed to maximizing available loading space and ease of access for loading and discharging. Oversized cargo can also be transport on flatracks<sup>3</sup>.



Flatracks	20ft	40ft 9'1"	40ft HC	45ft HC
Length side loading (m)	5.62	11.75	11.73	13.17
Length top loading (m)	5.94	11.93	11.95	13.50
Width (m)	2.44	2.50	2.50	2.50
Width inside stanchions (m)	2.20	2.26	2.21	2.27
Height (m)	2.29	2.35	2.43	2.43
Tare (ton)	2.7	4.85	5.35	5.57
Max gross weight (ton)	34	34	34	34
External length (m)	6.06	12.19	12.19	13.71

#### 40ft A-frame flatracks

Our custom-designed 40ft A-frame flatracks are ideal to carry slabs of natural stone. The flats' design also allows for a combination of slabs and crates (for instance with tiles); catering for specific market demand.



40ft A-frame flatracks	
Length side loading (m)	11.67
Length top loading (m)	12.05
Width (m)	2.50
Width inside stanchions (m)	2.27
Height (m)	2.35
Tare (ton)	5.30
Max gross weight (ton)	32.30
External length (m)	12.19

<sup>3</sup> Maximum sizes vary by country, up to 18m long, 4m wide, 3.5m high is common.

> As Samskip owns a wide range of vessels, containers and trailers, we are always able to offer you the right equipment for your specific cargo.

**Temperature-Controlled Services**

45ft pallet wide reefers are available for temperature-controlled transport within the range from -30°C to +30°C, for temperature-sensitive or perishable products; e.g., fruit & vegetables, dairy products, meat, fish, flowers, plants, frozen foods, sweets, wine and pharmaceuticals.



**Unique Advantages**

- » Wide range of modern, specialized equipment
- » Temperature-controlled services
- » Experienced and knowledgeable
- » Local service, customised solutions
- » Continued innovation
- » Dedicated steel and construction logistics department

**Steel & Construction Logistics**

Operating in the industry since 1965 our dedicated and knowledgeable Steel & Construction Logistics department offers transport services, tailored to suit the needs of the steel & construction industry. The core product of the department is the flatrack, ideally suited to utilize Samskip's fast and cost effective barge-, rail- and shortsea solutions. With a strong customer focus, we also offer transport solutions using (flatbed) trailers, (semi) lowloaders, extendables, cranes and coasters.

**Commodities most frequently include:**

- » Metals (billets, bars, sheets, tubes, rails, coils, profiles)
- » Timber (sawn, logs, boards, sleepers, laminates)
- » Stone (blocks, slabs, tiles, bricks, roofing tiles)
- » Project cargo (windmills, tanks, reels, concrete, and sand)
- » And much more

Other equipment available at request, such as 20ft and 40ft open-top containers.

**13.6m, Mega and Coil Huckepack trailers**

Curtainsided (sealable) trailers are suitable for side and top loading and can load up to 28 tonnes, in combined road-rail transportation. The Mega trailers allow for increased volume, interesting for the automotive industry; the Coil trailers are ideal to carry steel rolls.



Huckepack trailers	13.6m	Mega	Coil
Internal length (m)	13.62	13.62	13.62
Internal width (m)	2.48	2.48	2.48
Internal height (m)	2.70	3.00	2.70
External length (m)	13.90	13.90	13.90
External width (m)	2.50	2.50	2.50
External height (m)	4.00	4.00	4.00
Door height (m) <sup>4</sup>	2.63	2.85	2.63
Door width (m)	2.48	2.48	2.48
Side access height (m)	2.63	3.00	2.63
Coil cradle with stanchions (m)	-	-	8.70
Tare (ton)	6.83	7.13	7.90
Max gross weight (ton)	41	39	41
Volume (m <sup>3</sup> )	91.20	101.30	91.20
Euro pallets (#)	34	34	34

**Swap Bodies**

Curtainsided trailers are suitable for side loading, up to 34 pallets. Mostly used for rail transportation.



Swap Bodies	
Internal length (m)	13.62
Internal width (m)	2.54
Internal height (m)	2.57
External length (m)	13.71
External width (m)	2.55
External height (m)	2.89
Door height (m)	2.53
Door width (m)	2.45
Tare (ton)	5.5
Max gross weight (ton)	34
Volume (m <sup>3</sup> )	89
Euro pallets (#)	34

<sup>4</sup> When door header is unlocked, door height increases to 2.70m for the Huckepack trailer and 3.00m for the mega trailer.