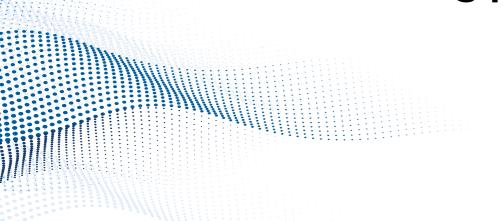


An evolving port





Welcome to Hargs Hamn!

Hargs Hamn's history dates back as far as the 1600s, when the port was used for shipping bar iron from Hargs Bruk AB and for ore from Dannemora mines. Ore export continued until 1992, when the mine was closed, only to reopen from 2012 to 2015.

Currently Hargs Hamn AB is a bulk port that handles many different types of goods and is the closest general port for bulk traffic north of Stockholm. The port comprises a logistics hub as it links sea, road and rail transport. Our service-minded team is found at the port, who offer loading and unloading – every day, around the clock, the year round. The team at Hargs Hamn is accustomed to working with large volumes of goods.

Hargs Hamn's speciality is biofuel for the region's heating plants. Other common types of goods are grains, scrap metal, minerals (soil improvement) and road salt.

The port also has a shredding plant for scrap metal. In recent years the port has unloaded a large number of vessels with housing modules for construction, mainly in Stockholm and Uppsala.

Since 2016 Hargs Hamn has been certified in accordance with ISO 9001, ISO 14001 and OHSAS 18001.



Hargs Hamn is expanding

Hargs Hamn is in an expansive phase, and is continuously preparing new areas for quays, storage and the establishment of industries. Hargs Hamn has excellent access to land — approximately 55 hectares with a further expansion area of 50 hectares. Plenty of room for development.

We take an optimistic view of the future. With the deepened entrance fairway we hope to attract larger vessels, in order to thus expand our market, and have therefore set aside large land areas for the port's further development with more quays and greater storage capacity. We also offer land for industrial purposes related to port and sea transport. This is how we view the future of Hargs Hamn:

- The development of an additional quay for large vessels.
- Continued development of warehouses and storage areas.
- Possible resumption of regular services with RoRo/container vessels.
- Continued improvement of the Örbyhus –
 Dannemora Hargs Hamn railway.

RoRo facilities are available

The RoRo traffic between 1989 and 1997 was extensive, and included both lorries and railway wagons, reaching more than a million tons annually. The existing ferry facilities offer the opportunity to reestablish regular services.

Increased storage capacity

Hargs Hamn is also a storage port and offers seasonal and short-term storage, both indoors and outdoors. We have the largest storage capacity for wood pellets in Sweden, and can store up to 100,000 tons. We also have plans to build more warehouses.

Dredging of the fairway and new 200 m quay

In 2020 the existing fairway to Hargs Hamn will be dredged. This entails a deepening of the fairway from 8.5 metres to 11 metres. This means that the port can accept larger vessels with a capacity of up to 40,000 tons, which is almost double the capacity of previously.

In order to fully exploit the effect of the deeper fairway and more efficiently manage the larger vessels, the port is planning a new 200 metre quay. This is estimated to be finished towards the end of 2022.



Main quay

Quay length 100 m Depth 12.3 m Port area 150,000 m² Quay height 3.0 m Cargo handling equipment Hydraulic crane

Ferry facility

Main ramp Depth 7.2 m Width 6.5—14.3 m Length 40 m 4 railway tracks Load 200—350 tons

Ore quay

Quay length 90 m Depth 11 m Cargo handling equipment Conveyor belts

Small quay

Quay length 40 m Maximum depth 7,3 m Port area 20,000 m² Quay height 2.6 m Cargo handling equipment Hydraulic crane

Three railway yards

Track to ferry quay Ore railway yard Peat railway yard Rail yards' length 300—350 m







Facts

Fairway: Draught 8.5-9.5 m (11 m after

fairway dredging 2020)

Pilot route: 17 nautical miles

Cranes: Hydraulic cranes

Container truck: Reachstacker Kalmar 42 tons

Warehouses: Total area 41,300 m²

Service: Fresh water, sludge (engine room oil)

and other vessel-generated waste

Total port area: 55 hectares

Customer terminals: 20 hectares

Expansion area: 50 hectares



Löser allt överallt!

Svensk Markentreprenad levererar till Hargs Hamn, markarbete, infrastruktur och problemlösningar.

Genom våra systerbolag Hallstaviks Schakt AB och Hallstaviks Mekaniska Maskinmontage AB levererar vi också lyft & transporttjänster, bergentreprenader, montage och konstruktionsarbeten.





The port's areas of activity

Solid fuels

Solid fuels such as chips, bark, pellets, firewood, peat, waste, etc. are currently important products for Hargs Hamn, with customers such as Vattenfall, Norrenergi, EON and Stockholm Exergi.

- There are several large power plants in the region.
- Several new waste to energy heating plants for waste fuel are planned or under construction in our geographical area.
- The use of biofuel has exceeded forecasts and goals since the beginning of the 2000s.
- Future growth will primarily come from chip and bark products as well as pellets.

In the area north of Stockholm there are three waste to energy heating plants that each burn more than 100,000 tons per year. More plants of similar sizes are being planned. In Sweden as a whole, waste incineration is responsible for around 20% of district heating production. Existing and planned waste to energy heating plants in Uppland, the EU's Landfill Directive (pushing countries that don't invest in or that are unable to utilise energy from waste to export their waste) creates good opportunities for Hargs Hamn as an important import port for waste fuel.

Grain

The handling of grain is set to expand strongly at the port on behalf of our customer Lantmännen. From 2019 there is a new facility and infrastructure for the reception, drying and storage of grain. In 2020 it is estimated that 100,000 tons of grain will be exported from the port.











Lantmännen is a leading player on the grain market in the Baltic Sea region. We have a great export business of grain, oilseeds, pulses and compound feed and our capacity is growing!

Contact us today! www.lantmannenlantbrukmaskin.com



Ore

There is a potential in the form of more mines that are in different stages of the concession process. These have a good geographical location for Hargs Hamn.

Saw timber and pulpwood

There are extensive forest stocks surrounding area, and Hargs Hamn has established customer relations with several, larger forestry companies. The port has long experience in loading timber trains.

Other dry bulk

Scrap exports may by a further 30,000—50,000 tons per year in excess of the current 40,000 tons per year, mainly in fragmented scrap.

- Shrinking volumes of fossil fuels, for example coal and peat
- Ashes from energy/heating plants are expected to increase
- Construction materials, for example steel sheet pile, beams, etc. are expected to increase











Hargs Hamn AB

Head office: Banvägen 1, SE-742 50 Hargshamn Port gate: Hamnvägen 1, SE-742 50 Hargshamn

> Telephone: (+46) 00173-201 55 E-mail: hamnkontoret@hargshamn.se

> > www.hargshamn.se

