

## Crane Reference

Denmark



### SCOPE

Svendborg Brakes was awarded the order of emergency brakes for a crane at a Port in Denmark. The STS crane is a Panamax type with an outreach of 38 metres and a lifting height of 29.5 metres. The lifting capacity is 43 tons under the container spreader and 70 tons in the hook.

The delivery from Svendborg Brakes included a complete emergency braking solution for both the main hoist and the boom hoist. The main hoist was equipped with 2 x BSFI 526-S-100 brakes, giving a total braking torque of 285.000 N on a 1600 mm brake disc.

For the operation of the brakes Svendborg Brakes

supplied a hydraulic power unit, including a hand pump for emergency lowering, fast opening of the brakes and two valves to the tank for more safety. The brakes were installed on separate mounting brackets at delivery.

The boom hoist was equipped with 1 x BSFI 533-S-100 brake, giving a braking torque of 195.000 Nm on a 1700 mm brake disc. For the operation of the brake Svendborg Brakes supplied a hydraulic power unit, including a hand pump for emergency lowering, fast opening of the brake and two valves to the tank for more safety. The brake was installed on a mounting bracket at delivery.