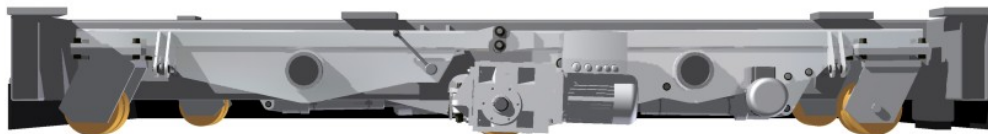


- 10 TONS** load capacity
- Low platform height**, easy access
- Save money**, mobilize your tooling
- Differential**, forward, backward, turning at the spot
- Custom made**, integration of clients requirements
- Maintenance free**
- All electric**, driving and lifting technology
- AC or DC-version**



TPP-transporter



The TPP-transporter is the solution to mobilize your heavy and expensive machinery. Instead of purchasing machinery for each work station it is useful considering buying just one and mobilize that equipment. Depending on the need, the tooling will be transported to the station where it is required in a fast, safe and easy way.

The Seaqx TPP-transporter is a wheeled transporter and can carry machinery up to 10t. It is controlled by the operator with a radio remote control. Thanks to its differential driving, it can drive forward/backward, take curves and turn on the spot.

The transporter can be delivered with an external cable supply, AC-version, or operate cable-free with batteries, DC-version.

The transporter consists of a sturdy frame with 2 drives and a lifting system:

- ▶ the 2 tractions consists of a complete motor-gear-wheel unit
 - ✓ direct brushless AC-drive technology
 - ✓ accurate speed and power control by vector control
 - ✓ slip-free traction technology
- ▶ The lifting system is solely mechanical driven by 2 linear actuators
 - ✓ pneumatic and hydraulic free
 - ✓ capable to lift 20mm
 - ✓ while driving, the actuators are shock-protected

When the transporter is parked in a working station, all wheels are retracted. The frame rests directly on the ground for improved stability when the machinery is in production.

The TPP-transporter is entirely made-off high-quality components. The chosen technology has proven its reliability throughout the years and is maintenance free.

This Seaqx-product is the ideal cost effective solution to move your equipment or tooling. It has an extremely low operational cost and worth considering to improve the utilisation rate of expensive tooling.

Advantages

robust and reliable functionality

- ✓ radio remote controlled
- ✓ safe speed profile to allow accurate speed control
- ✓ differential driving: drive forward, backward, take curves or turn at the spot
- ✓ all wheels are mounted on swivelling assemblies for excellent load distribution. This guarantees sufficient contact pressure between traction wheels and the ground
- ✓ removable side steps to fit transporter in a container

powerful motor-gear combinations

- ✓ high torque for rapid work cycles
- ✓ up to 10% higher energy efficiency than comparable DC-motors
- ✓ no maintenance through omission of brushes and collectors
- ✓ life-time oil lubricated

safety

- ✓ controlled braking according to a programmed deceleration ramp to prevent slip of the traction wheels
- ✓ automatic wear-free mechanic braking when the transporter is stopped on a slope to prevent drifting
- ✓ feet protection
- ✓ EC-declaration (CE-marking) according to directive 2006/ 42/ EC

lifting

- ✓ hub 20mm
- ✓ stable lifting executed with 2 linear mechanical screw jacks. No wear sensitive components
- ✓ retractable swivel and traction wheels to allow full stable support of the frame on the ground
- ✓ degradable mode procedure to evacuate the transporter of the work floor in a safe and easy manner

typical data

- ✓ platform height of only 415 mm
- ✓ typical length x width : ca 4500 mm x ca 2500 mm
- ✓ typical speed range : 0 to 20 m/min
- ✓ power supply : 400Vac or 48Vdc

Background

Seaqx NV is founded in 2009. The company is an engineering company with a focus on the development and production of custom made wheel transporters. With a Seaqx product, a heavy load can be moved safely and easily.

The owners of Seaqx have acquired more than 10 years experience in this branch. During 10 months they made use of this experience to develop the wheel transporter of the next generation. This custom made product is extremely compact, powerful and requires little or no maintenance.

Besides product innovation, Seaqx has also paid attention towards production efficiency. As a result, Seaqx is capable to cut delivery time considerably.