



Green performance

Semax is powered by Diesel, LPG or Battery.
At Semax we never lose sight of our environmental quality standards - the choice is yours.

Optimised for handling paper

Compact design, unbeatable visibility and incredible reach with hydraulic extension, well known components in the Semax concept.

With Semax you will be able to handle more paper on a smaller working area.

The hydraulic extension in the fork carriage is optimising the handling and minimizes goods damages.

The visibility is increasing safety, ergonomics, reducing goods damages and fastener the handling.

Under the surface there is more. Functions and equipment that shows Semax is developed for handling goods with high efficiency and care.

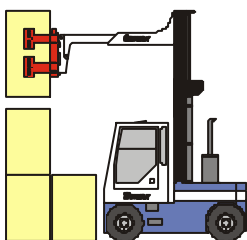
Semax Paper handling equipment is standard equipped with:

- Hydraulic extension to be use in the storage as well by loading and unloading lorries and railway wagons from one side, from ground or ramp. With great advantage the function is also very useful by work at high levels in the storage. Adjust the load in deep, millimetre by millimetre. A function that gives invaluable reach at the moment you need it most.
- Keep the roller clamp in vertical position reducing the risk for edge damages. The carriages vertical position is active adjusted.
- Protection against driving when the paper reel is clamped and placed is reducing edge damages to the reel but is also a safety feature.
- Protection against unwanted opening of the roller clamp. A safety feature, which also reduces good damages.
- Tipping protection is a safety feature. An automatic regulation of lift, tilt and extension when handling heavy loads.
- Automatic regulation of max drive speed is safety feature, which decrease the drive speed when extending a load or when working at high levels.
- Chain slack device is always keeping the lifting chains stretched so the roller surface not will be damaged by the roller clamp arms.

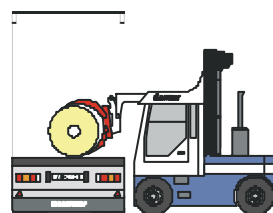
Additional functions to be offered as options

- Clamp pressure control is optimising clamp pressure automatic during the work. Minimize the oval damages and number of dropped reels.
- Programmed lifting height gives the driver the possibility to lift to the programmed level, just by pushing a button. More than one level can be programmed.

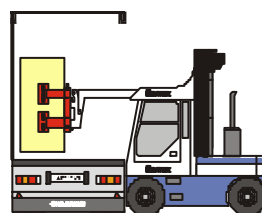
*Are you searching for anything more?
Please contact us for a discussion.*



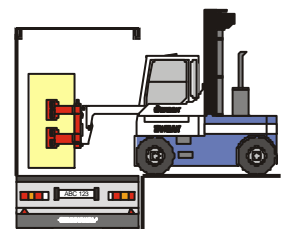
In the storage



On the lorry



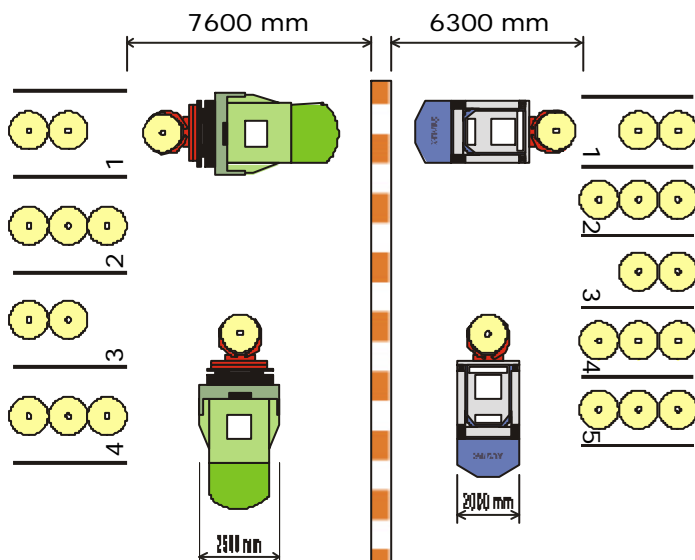
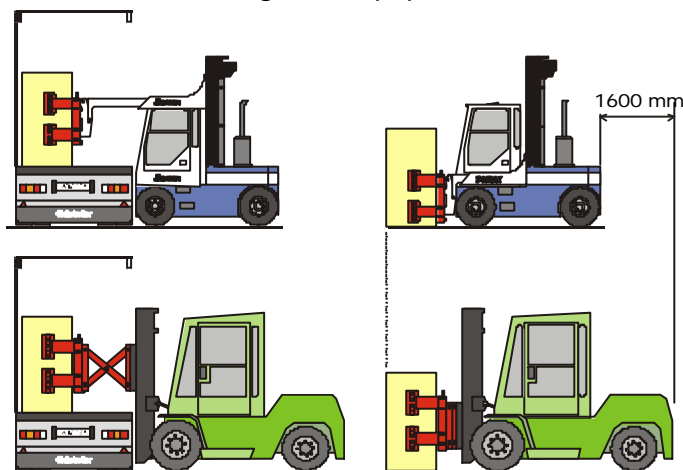
Load / unload from one side



Load / unload from ramp



Ex. Handling 5 ton paper reels



Semax solve problems

Fact that the weight and paper reels dimensions has increased is not a news. The resulting effect is how the paper is to be handled in existing localities when increase load normally means, a larger forklift truck. With Semax the paper is handled with a physical smaller machine. Besides, The Semax concept includes many other advantages.

Everything in front of the drive axle is Load

Each Kilo extra in front of the drive axle has to be compensated with extra counter balance or longer wheel base. In the Semax concept, the lift mast is behind the drive axle and therefore it's a part of the counter balance. Semax with it's integrated hydraulic extension in the arm system creates a reach without any additional and heavy load extenders.

Flexible solution for increased storage utilization.

Compact design, unbeatable visibility and incredible reach with hydraulic extension, well known components in the Semax concept.

It is a fact that Semax with it's integrated extension system reduces the forklift length up to 1,6 m and the width with 0,5m compared with conventional forklift trucks.

Integrated extension creates compact flexibility.

The extension system can be used in the storage as well for loading and unloading lorries and railway wagons. With Semax You don't need expensive and service demanding load extender's, attachments which with it's weight and lost load distance force you to choose a larger and heavier forklift truck than necessary.

Semax creates possibilities

- Use the integrated extension in the storage
 - Load from one side, from ground or ramp.
- A function that gives invaluable reach at the moment you need it most

Semax Paper handler is standard equipped with

- Integrated hydraulic extension
- Control system for vertical position of the paper roll clamp
- Protection against driving when the paper reel is clamped and placed
- Protection against unwanted opening of the roller clamp
- Tip-over protection
- Automatic regulation of max drive speed depending on extension, weight of the load and momentary lifting height
- Chain slack device

Additional functions to be offered as options

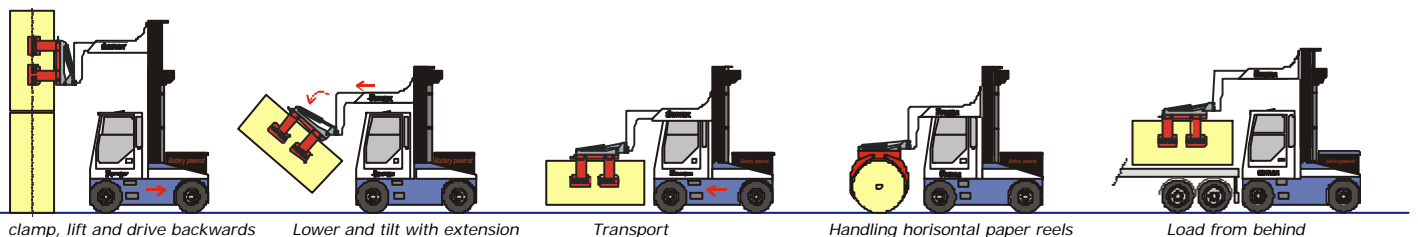
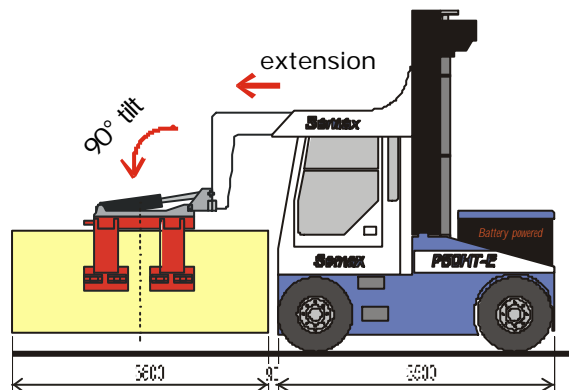
- Clamp pressure control
- Programmed lifting height

Are you searching for anything more?
Please contact us for a discussion.



Technical data

Lifting capacity - roller weight	5000 Kg
Tilt angle, forward / backward°	90° / 4°
Side shift	300 mm
Hydraulic extension	0 - 900 mm
Fork lift width	2000 mm
Forklift length excl. roller clamp	4150 mm
Turning radius	3700 mm
Powered by	Diesel, LPG or Battery



Semax paper handler is standard equipped with:

- Hydraulic extension
- Keeping the roller clamp in vertical position
- Protection against driving with clamped and lowered paper reel
- Protection against unwanted paper clamp opening
- Tip-over protection
- Controlled drive speed when extending a load
- Controlled drive speed when working at high levels

Flexible solution optimised for your need

Semax is known for its compact design, great visibility and hydraulic extension for high efficiency and decreased goods damages. Model Semax P50HT is further developed and also includes 90° tilting and side shift integrated in the fork carriage. If this model is equipped with a rotating roller clamp the result will be a paper handler with fully flexibility

Compact solution

The Semax concept with its hydraulic extension combined with 90° tilting and side shift reduces the total length with about 1,5 m and the width with 0,5 m compared with conventional forklift trucks.

Simple handling with 90° tilting

- Paper reels with up to 3800 mm width can be clamped at its centre and still enable 90° tilting
- Programmed lowest lifting height for 90° tilting access
- Extension is aut. activated by 90° tilting
- Tilt 90° and transport extra wide paper reels

Integrated side shift for higher efficiency

- Simplifies all handling and reduces paper reel damages.

A concept full of possibilities

- Use the hydraulic extension in the storage
- Handle the paper reels horizontal, vertical, transverse or longitudinal
- Load from the side or from behind, from ground or ramp
- The hydraulic extension gives a invaluable reach, a possibility when you need it most.

Security

- Great visibility
- Tip-over protection
- Controlled drive speed by extension - and 90° tilting
- Controlled drive speed at work in high levels

Semax solve problems

Fact that the weight and paper reels dimensions has increased is not a news. The resulting effect is how the paper is to be handled in existing localities when increase load normally means, a larger forklift truck. With Semax the paper is handled with a physical smaller machine.

Besides, The Semax concept includes many other advantages.

- Chain slack device

Semax P50HT is beside equipped with

- Fork carriage with integrated side shift and 90° tilt
- Aut. extension when using the tilt-function
- Controlled drive speed when using the tilt-function

Optional functions

- Clamp pressure control
- Aut. lifting to preset height