

# Scandi Line

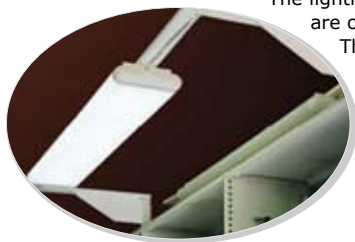


Front panels in a new modern design – SHADE.  
Available as standard in silver and light gray with  
black index, drive and base modules.

NORDPLAN's Scandi Line is a compact, easy to handle archiving system for efficient storage. Scandi Line is based on a flexible modular system with almost unlimited adaptation possibilities. All the outfitting details are exchangeable and can freely be combined between different modules - without the aid of professionals. The existing outfitting can usually be re-used. This makes Scandi Line a storage system for both today and tomorrow. An efficient and economical system to suit most storage needs, and with wide open facilities for future requirements and needs!

# Scandi Line

## Lighting



The Scandi Line storage system can be combined with automatic computer-controlled lighting. The lighting fixtures are fitted to every unit and are only lit in the aisle that is opened. The material on the shelves is exposed to a minimum of light and heat. As a rule, electricity consumption and heat emission are reduced by about 80%.

## Operation



NORDPLAN's Scandi Line can be supplied with manual wheel operation or computer-controlled electrical operation. The computer-controlled electrical operation provides superior efficiency and comfort. The units move silently, softly and easily without disturbing "jerks and bumps". Authorisation codes can be easily programmed in for maximum security.

## Ventilation



NORDPLAN's Scandi Line units can be equipped with built-in fans, complemented by electrostatic and particle filters. Each fan forms part of the total ventilation system. Scandi Line can be parked for the night with a system that automatically provides optimal space between the units for the best air circulation and ventilation.

## Air conditioning



In NORDPLAN's Scandi Line the air conditioning can be controlled separately for each individual unit with the aid of different designs of door sections - even glass. A dehumidifier is also available as an accessory. For secure storage of poisonous, inflammable or other hazardous substances, the units can be equipped with ventilation ducts and adapters for connection to a central extractor unit.

## Floor

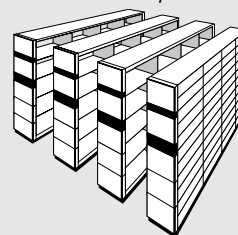


Scandi Line runs on a stable rail design. The rails may be embedded in or laid on the existing floor. The infill flooring is approved for protection against damp and fire. The laminated surface layer provides good light reflection and is easy to keep clean. In the case of capillary damp problems, ventilated steel flooring is recommended for increased air circulation.

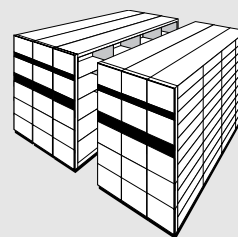
Scandi Line is principally supplied to:

Archives	Theatres	Schools
Libraries	Offices	Industry
Museums	Hospitals	Warehouses

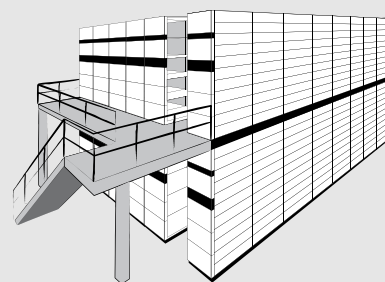
**x1** A static storage system with fixed stationary shelves requires working space and aisles between each set of shelves. Half of the storage space vanishes in "dead" space.



**x2** The Scandi Line storage system with mobile units is an efficient use of storage space. Because the units can be moved sideways, aisle space is only needed for the unit that is being utilised at the time. The effect is that storage surface is doubled and so is the capacity.



**x4** The Scandi Line 2-Tier solution uses the full storage capacity of the premises, including its height. By creating a two storey system the storage surface is quadrupled compared to a conventional system with fixed shelving on one floor.



## 2-Tier solution



Saves on expensive floor area and allows use on two floors with an extra floor (2-Tier) where the ceiling height permits.

# Scandi Line SHADE Compact shelving

Scandi Line compact shelving	
G Aisle width	Min. 700 mm Standard. 800 - 1200 mm
F Free space to wall	50-150 mm (External wall min. 200 mm)
HG Main aisle	Standard 1200 mm
Vh Unit height	130 mm
RH Rail height	30 mm + Levelling
S Section length	750, 1000, 1200 mm. (Section lengths can be manufactured in different sizes for drawer systems, picture storage, clothes rails, etc. as desired).
Ss Start section	925, 1175, 1,375 mm
Pb Extension section	750, 1000, 1,200 mm
L Length	Ss + number of Pb ( 0,75 - 20 metres)
De Single compartment depth	273, 293, 323, 343, 373, 423, 473, 578, 638, 678, 738, 838, 938 mm
Dd Double compartment depth	538, 578, 638, 678, 738, 838, 938, 1148, 1268, 1348, 1468, 1668, 1868 mm
H Gable end height	1400-3600 mm at 100 mm intervals + Rh + Vh
Shelf depth	250, 270, 300, 320, 350, 400, 450, 540, 600, 640, 700, 800, 900 mm
Loading on shelves	50 - 120 kg distributed load. (Other loading alternatives can be supplied).
Drive	Handle, wheel, electrical
Intermediate floor	Laminate, steel, varnished, untreated floor

We give quotations and we assist with drawings and proposals.

## Computer-controlled electrically driven E 9000



Styled front with computer-controlled electrical operation and touch controls.

## Wheel-driven M 9000

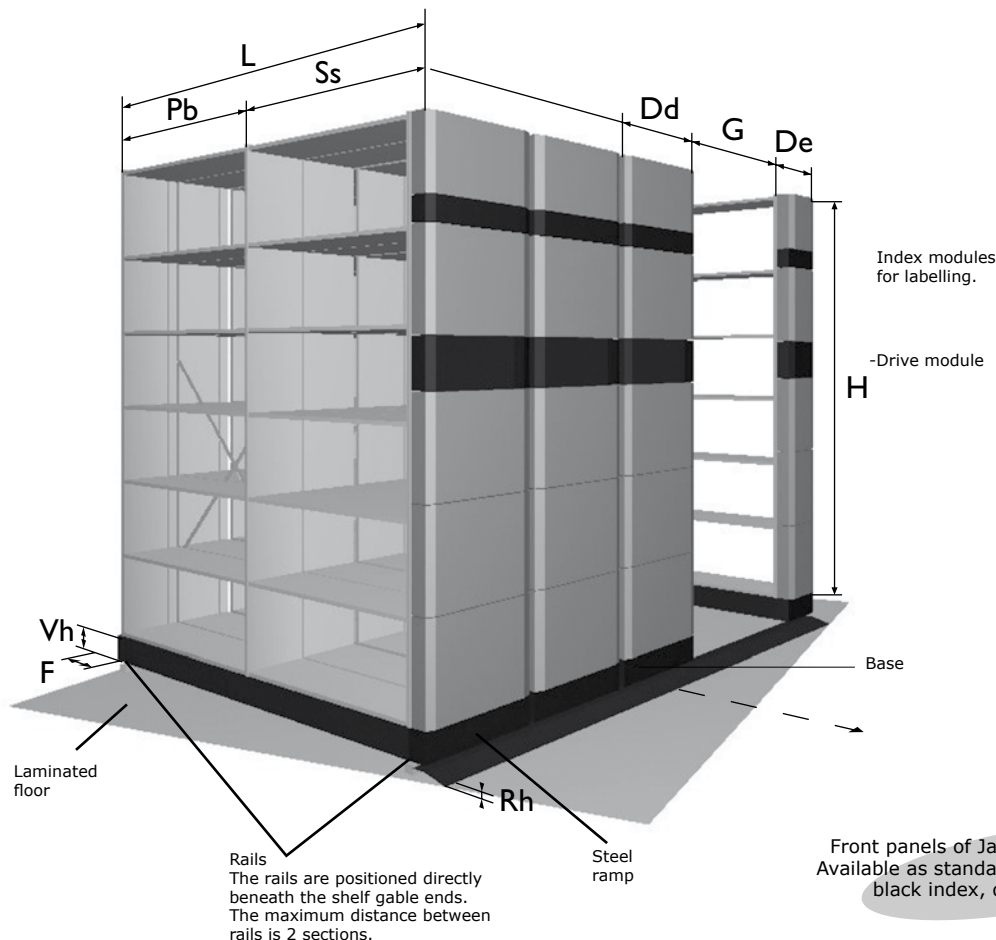


Styled front with integrated wheel operation. Colour signals that mark locking/blocking of the selected unit.

## Handle-operated H 9000



Styled front with integrated handle operation.



Front panels of Jacob Jensen design - SHADE. Available as standard in silver and light gray with black index, drive and base modules.

# Scandi Line SHADE Design

## Scandi Line compact shelving fitted on bases or mobile units.

### Rails

Rails in solid galvanised steel for mounting on floors with a laminated floor between the rails, including a steel ramp to the front rail. The laminate flooring is of damp-protected panels with a marblised top and laminated underside, which provides increased protection against damp. The fire-proof flooring is easily cleaned, having good light-reflective properties.

### Bases

Bases of painted steel plate with feet (design similar to the mobile units). Bases are supplied complete in modules of 1-2 sections and installed to the desired length at the installation site.

### Mobile units

The mobile units are in painted sheet steel with solid steel wheels running on ball bearings. Mobile units are supplied complete in modules of 1-2 sections and installed to the desired length at the installation site. There are three drive alternatives, handle operation, wheel operation or computer-controlled electrical operation. The fronts are complete with built-in handles, wheels or computerised controls.

### Shelf stands S 9000

The shelf stands are of painted sheet steel with covered gable ends and cross-braced at the rear, or alternatively with back plates. All equipment, shelving, drawers, etc. are mobile at 25 mm intervals.

### Colours

The shelf stands are off-white with black mobile bases, ramps and front panels. The maximum loading is 50-120 kg/shelf and 500-1000 kg/single section. Other loading alternatives can be supplied. Scandi Line is CE marked and GS approved. The front panels are silver or RAL 9002 light grey.

### Handle-operated H 9000

The handles are recessed into the front panels, and handle operation is used for up to 2 m length mobile units (4 m in the case of infrequent use or light loading).

### Wheel-driven M 9000

The wheel is built into the front panel. The ergonomically designed wheel drive has well chosen gearing. An integrated colour-signalled safety lock shows that the selected mobile unit is locked/blocked. Each mobile unit has a drive shaft that drives the wheels via a chain from the operating wheel. The gearing from movement wheel to operating wheel is 1:3.85, so to move a weight of 8000 kg requires a force of about 2-2.5 kg. Wheel operation is used for up to 10 m mobile unit length.

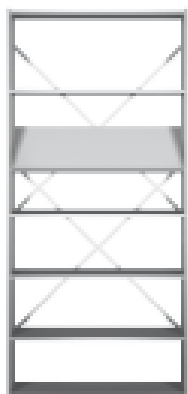
### Computer-controlled Electrically driven E 9000

Our computer-controlled compact shelving can be connected to an external computer, and control the aisle lighting with automatic lighting/extinguishing (aisles are only lit while they are open). The aisles can be locked with a code, there is remote opening of the aisles and night parking with a command that leaves several aisles open by about 100 mm to provide increased ventilation. One mobile unit can be held stationary in order to divide one aisle into several aisles. Electrical operation is used for up to 18 m mobile unit length. Touch controls and tinted glass.

### Security

As standard our computer-controlled compact shelving has three levels of security.

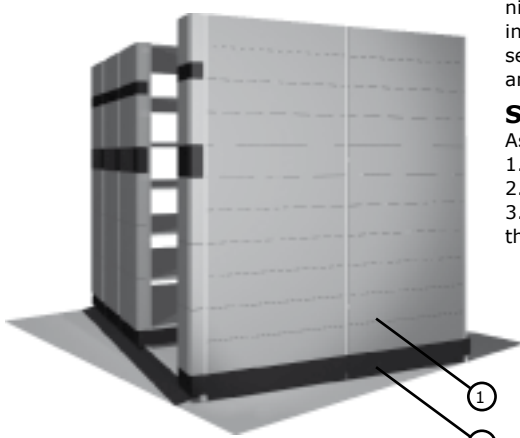
1. Auto-blocking when a new aisle has opened.
2. Infra-red beams for detection and emergency stopping of mobile units.
3. Emergency stop buttons on the front. More safety equipment can be fitted, depending on the use and installation, for example for our 2-Tier solution.



**Start section**  
(Shown here with magazine shelf, not included)



**Extension section**



### Back panel/visible rear

1 = Back panel

2 = Bottom section

In cases where the rear of the fixed section is open to view and not against a wall, a back panel is fitted for aesthetic reasons.

The back panel is made of 1 mm powder-coat painted sheet steel.

The panel hangs in slots at the rear of the gable ends and can therefore only be used with single compartments/bases.

The panel increases the section depth by 15.5 mm.

Scandi Line shelf stands	
S Section length	750, 1000, 1200 mm. (Section lengths can be manufactured in different sizes for drawer systems, picture storage, clothes rails, etc. as desired)
F Free space to wall	770, 1020, 1220 mm. (Other lengths can be supplied)
Pb Extension section	750, 1000, 1200 mm. (Other lengths can be supplied)
L Length	Ss + number of Pb mm
De Depth single shelf	253, 273, 303, 323, 353, 403, 453, 548, 608, 648, 708, 808, 908 mm
Dd Depth double shelf	508, 548, 608, 648, 708, 808, 908, 1096, 1216, 1296, 1416, 1616 mm
H Gable end height	1400-3600 mm at 100 mm intervals
Shelf depth	250, 270, 300, 320, 350, 400, 450 mm
Loading on shelves	80 - 120 kg distributed load (Other loading alternatives can be supplied)