

# FOREG 2000-E1

**Electrically driven mobile shelving**



*How to move heavy loads at the touch of a button*

**FORSTER** 

# FOREG 2000

## with user-friendly electric drive

For its mobile shelves Forster has created a user-friendly electric drive that makes it easy to keep things in good order. The heavier the load the easier it is to move it – thanks to the electric drive. Its many benefits speak for themselves. A clearly arranged operator panel at the end panel facilitates simple and safe control of the shelving system.



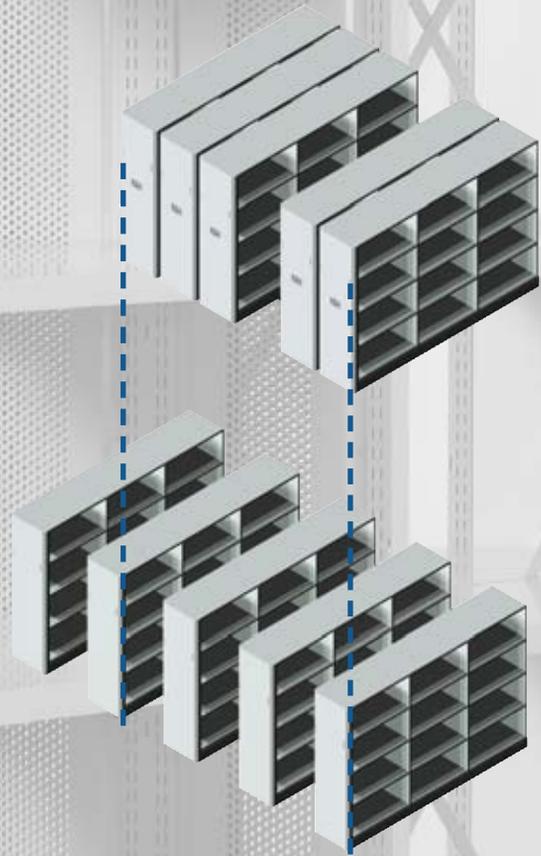
### Features:



- Mobile stacks individually moveable at the touch of a button
- Easy to add new units
- Electric drive can be retrofitted simply and at low cost
- Aisle lighting can be integrated and controlled individually
- User-adapted safety features
  - *reliable and not susceptible to interference because of cable-free system control*
  - *low supply voltage makes for safe operation*
  - *optional battery operation*

# Save space to save costs

Creating the optimum storage capability for a given space is easy when mobile shelving is used. Unlike static shelving, only the aisle to be used is actually open with the result that the system almost doubles the available storage space!



# Safety first

Forster is extremely conscious of the need for its products to be safe to use so this design includes various safety features specifically tailored to the customer's requirements.

## **Passive safety (factory configuration):**

This function makes sure that the operator needs to double-check before closing an aisle.

## **Infrared light barrier:**

Another safety feature added to the system is the infrared light barrier: when it is interrupted, the system is immediately stopped.



## **Stop button:**

When activated, the integrated safety features will switch off the motor and the status display lights up.

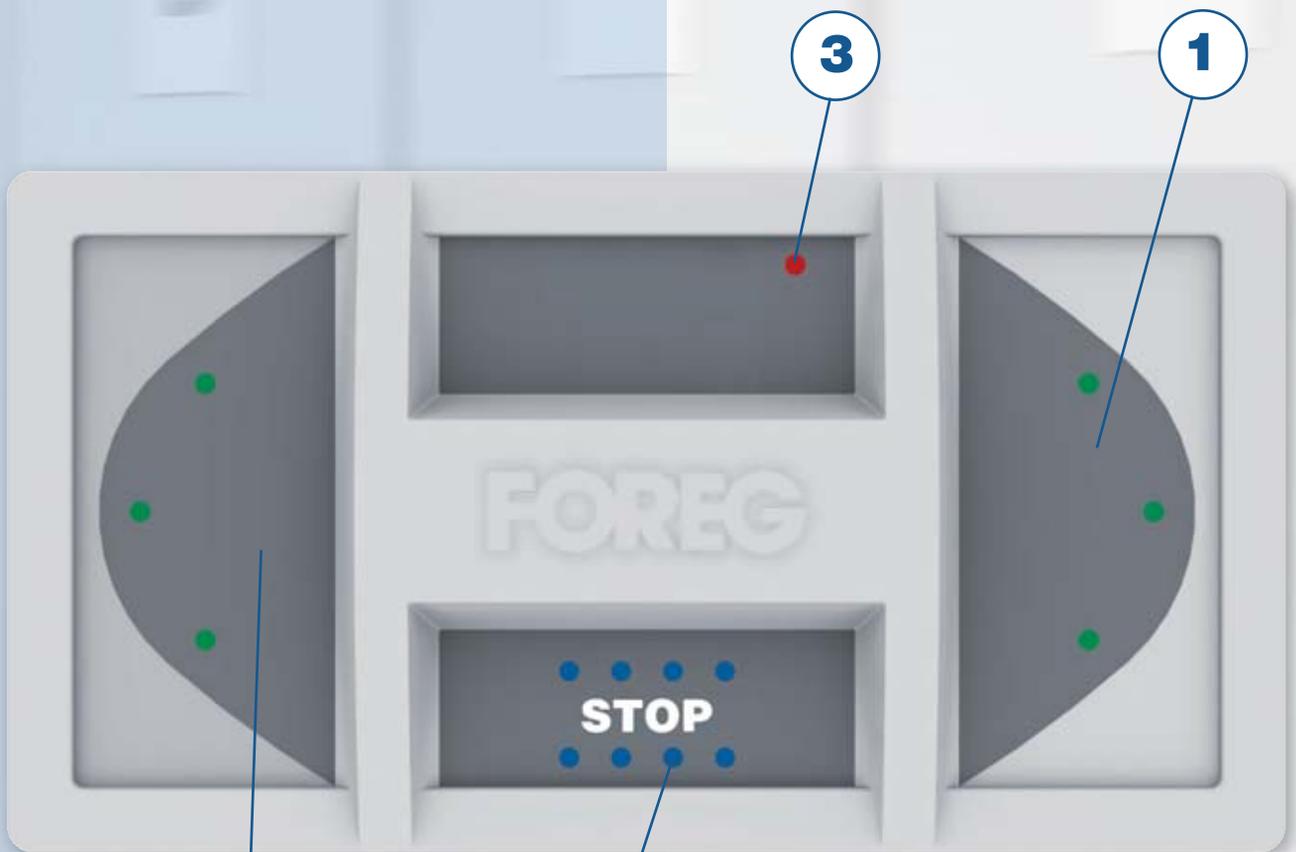


## **Motor current monitoring:**

A permanent current monitor is used to activate an automated safety switch-off if a predefined threshold value is exceeded.

# The control panel

Uncluttered design and simplicity of operation are features of the control panel in order to ensure maximum ease of use for Forster electrically driven mobile shelving. Just touch the OPEN or STOP buttons to move or switch off the bases.



1

2

1 OPEN button

2 STOP button

3 STATUS display



## Battery-powered option:

Systems supplied with an (optional) battery automatically switch from mains to battery operation when the power fails. When the system runs on battery power the yellow EMERGENCY operation signal at the end panel lights up.

# Intelligent archiving

In themselves, the basic functions ensure easy operation of the shelving. Optional add-on features meet all the criteria needed for a thoroughly advanced archiving system.

## Basic functions

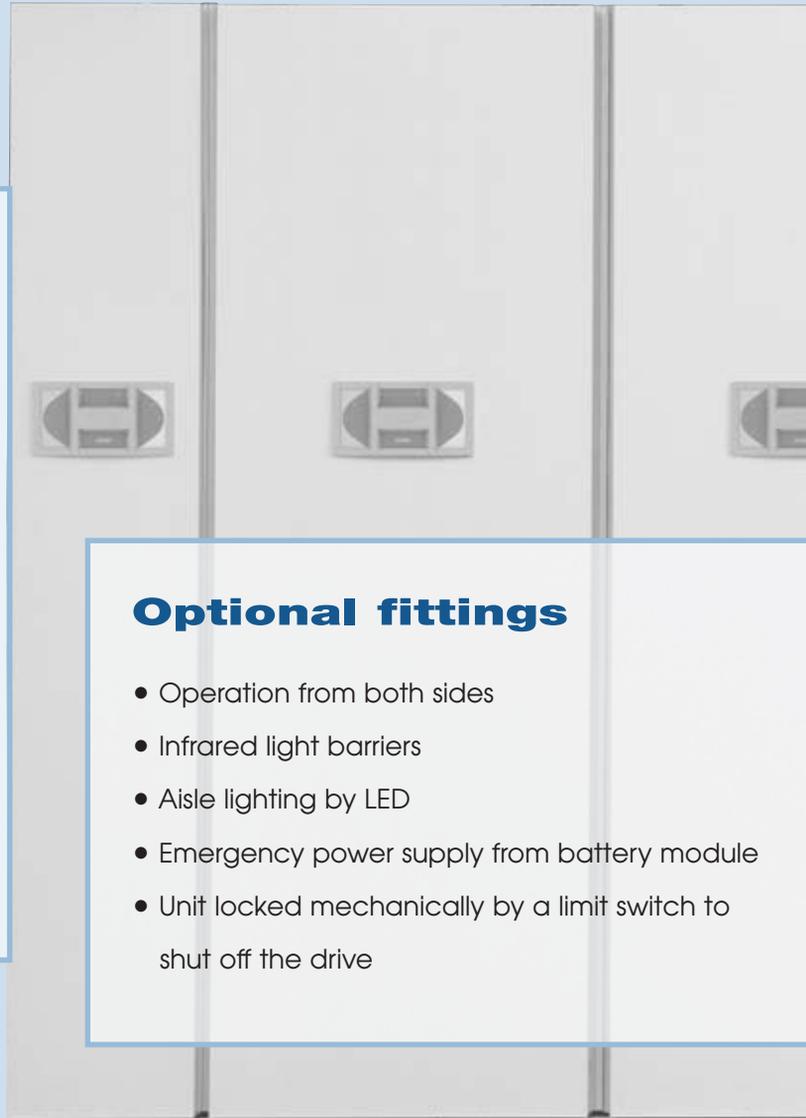
- Simple assembly through clip-on joints
- Touch-sensitive control panel
- Single-handed control
- Soft start and stop
- Passive safety
- Motor current monitoring
- Self-monitoring
- Stopping distance is manually set

## Add-on functions from upgradeable software

- Ethernet interface

## Optional fittings

- Operation from both sides
- Infrared light barriers
- Aisle lighting by LED
- Emergency power supply from battery module
- Unit locked mechanically by a limit switch to shut off the drive



# Lighting

Each aisle can be fitted with energy-saving LED light bars.

When the system is active, only the open aisle is lit. The light modules are adjusted to the length of the bays and can be fitted to each bay or every second bay.



# Technical data

## Power supply

- 230 V / 50 Hz AC

## Power consumption

- Standby: 5,1 W / master module
- Operation: max. 44 W / base (depending on load)

## Drive

- Geared DC drive, 24 V, 40 W

## Speed

- 2.5 – 3.8 metres per minute > as per specification

## Functionality

- Touch-sensitive control panel  
(right/left aisle and stop)
- Operator pane with STATUS display
- Motor current monitoring

## The right accessories

Because so many different types of items may be stored on shelving, the system itself and the available accessories must be extremely versatile.

For an overview of the comprehensive range of accessories for our Shelving systems – from shelf add-ons to useful fittings and end panels – please consult the **FOREG 2000 – BROCHURE “SYSTEMATIC ARCHIVING”**.



Cardholder



Drawers

# Storage solutions for every application

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shelving systems**



**Static  
shelving systems**



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shelving systems**



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