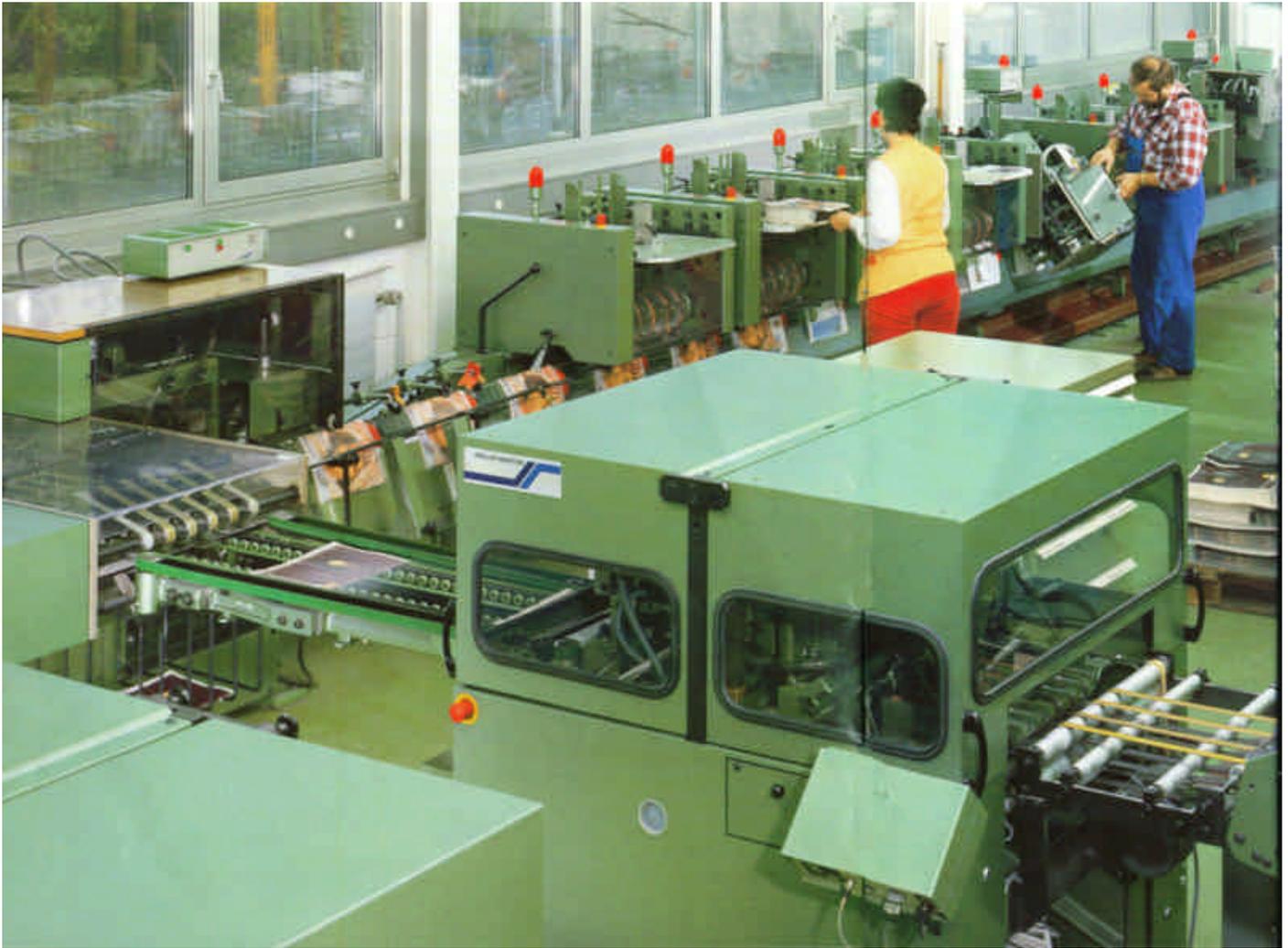




## **Saddle Stitcher Model 335**

**a versatile machine for a wide range of products**



## **Quick make-ready - high productivity**

Saddle Stitcher 335 is ideal for magazines, booklets, leaflets, financial reports and a wide range of products. Advantages of the machine:

### **Extremely flexible**

Universal base for section feeders, card gluers and folder feeders.

### **Feeder change in minutes**

All feeder heads have identical dimensions and have plug-in air and electrical connections.

### **Ideal loading height**

The hopper is only 1.1 m (43") above floor level and can therefore be loaded comfortably without a platform.

### **Precise stitching**

Assured by the patented flying stitching heads - for regular or loop stitching.

### **Built-in quality controls**

Dependable caliper, oblique sheet and trim monitors assure consistent quality.

### **Accurate trimming**

Assured by 3-knife Trimmer 890, the ideal complement to Saddle Stitcher 335.

### **In-line to the loading dock**

Modular design allows expansion at any time.

## **Outstanding features**

### **High productivity and dependability**

quick make-ready  
 high production speed  
 broad product size range  
 standardized, interchangeable feeder heads  
 automatic monitoring and quality controls  
 heavy-duty construction for round-the-clock production

### **exceptional operating convenience**

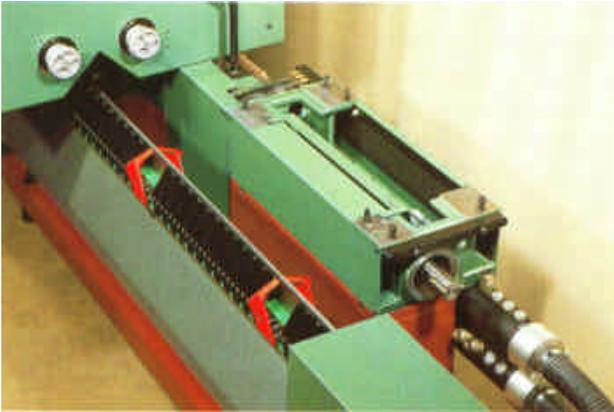
low-silhouette feeders (1.1 m/43") for easy loading  
 simple set-up  
 individual ON, OFF and 2:1 mode selection at each feeder  
 electrically interlocked protective covers  
 sound absorbing covers to reduce noise level  
 central control console

### **simple maintenance**

plug-in air and electrical connections  
 convenient access and layout

**The Saddle Stitcher 335 was designed to meet the needs of the modern bindery which performs a wide variety of work with diverse production requirements. Short changeover time between jobs and high output, combined with the wide selection of feeder heads, guarantee unusual flexibility and excellent productivity. The Saddle Stitcher 335 can be expanded as needed and represents an investment in the future.**

# Features which make the difference



## Universal Base

- \*ONE base accepts all types of feeder heads
- \*each base module can accommodate two feeder heads
- \*feeders need not be bolted to the floor
- \*all necessary connections are integrated into the base
- \*section feeders, folder feeders and card gluers can be used interchangeably in any position and exchanged in minutes

Quiet, vibration-free running of the machine, no need for bolting to the floor and complete interchangeability of the various feeder heads are the key benefits.



## Efficient, Interchangeable Feeder Heads

- \*proven flat pile feeder for light as well as bulky sections
- \*interchangeable feeder heads for covers, cards and merchandise samples
- \*convenient loading height
- \*changeover of feeder heads in minutes
- \*wrench less size adjustments
- \*selector switch for 1:1/1:2 production modes and zero position for idling
- \*each feeder can be individually timed

Standardized, interchangeable feeder heads can be used on several machines, which results in production flexibility and maximum return on investment.



## Unparalleled Flexibility

- \*plug-in air and electrical connections
- \*suction and gripper opening
- \*quick-release coupling between feeder head and base
- \*modular design to meet future needs

No lost business because of an inadequately equipped machine.

Its flexibility allows you to handle any job.



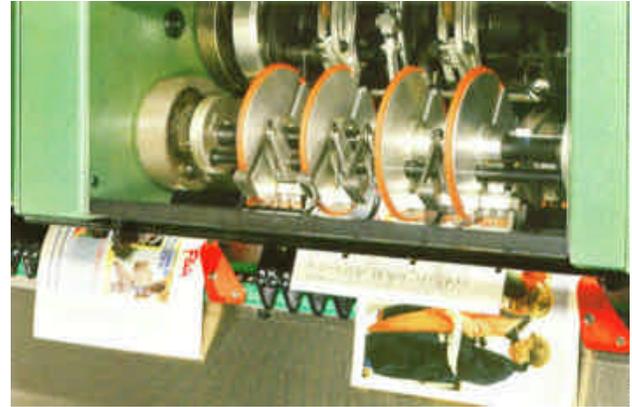
## Feeder Changeover in Minutes

A special lifting device on casters is available (optional) to move feeder heads. Spur gear drives and plug-in air and electrical connections minimize changeover time. Moving a feeder head (section feeder, card gluer, or folder feeder) requires no special skills or physical effort. Two feeder heads fit on one EURO-pallet for convenient storage.



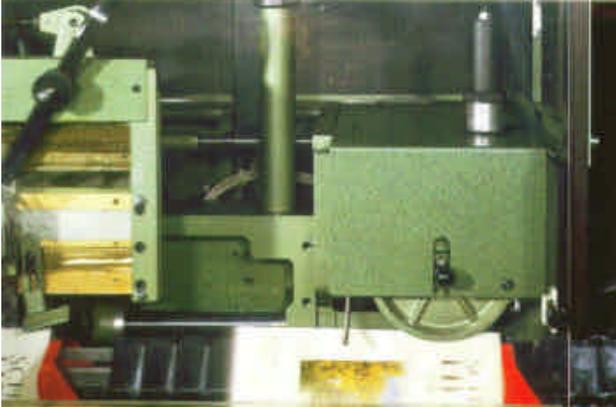
### Convenient Operation

- \*low silhouette design, with feeder tables only 1.1 m (143") above floor level
  - \*no platforms needed for loading
  - \*large jogging tables
  - \*high capacity hopper
  - \*easy loading
  - \*sound absorbing covers
  - \*electrically interlocked plexiglas covers for easy supervision
  - \*misfeed light and start/stop buttons on each feeder
- Convenient loading height is a key consideration for an efficient operation.



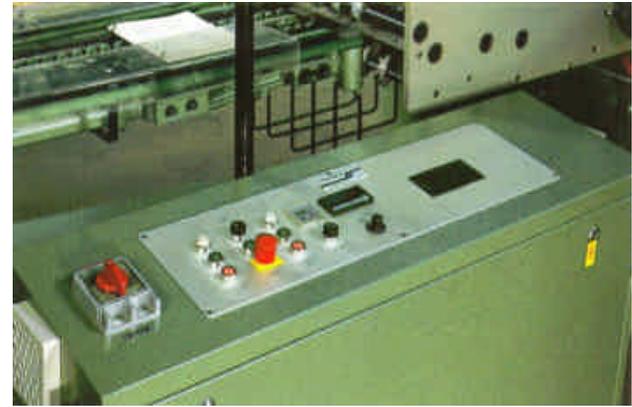
### Dependable Production

- \*efficient separation of sections in the hopper
  - \*positive control of sections from feeding table to gathering chain
  - \*suction and gripper opening
  - \*depending on the type of fold, only grippers, vacuum, or a combination of the two may be used
  - \*individual 2:1 operation mode can be selected for hard to run sections
- Efficient feeding and transfer principle results in positive control of sections and consistent production.



### The Reliable Plus/Minus Caliper

- \*monitors each book as it enters the stitching unit
  - \*incomplete copies or doubles are automatically ejected into the reject tray, unstitched, and without stopping the machine
  - \*gathering chain can be lowered in the stitching zone to handle thick products efficiently
- Optional Quality Controls:
- \*Oblique sheet monitor
  - \*Electromechanical plus/minus control
  - \*trim monitor 13-Knife Trimmer 890)
- Quality control devices which match the speed and production capabilities of the machine assure consistent product quality, fewer machine stops and higher net output.



### Central Control Console

- \*machine is operated from a single point
  - \*convenient operator panel
  - \*push button controls with indicator lights
  - \*digital speed display
- Simple and logically arranged for easier supervision by the machine operator.

# Designed for maximum operating convenience



## Built-in Features

- \*electrically interlocked, hinged protective covers with see-through panels
- \*sound absorbing padding for quiet operation
- \*all drives completely enclosed
- \*stop button on each feeder
- \*overload clutch in the stitching unit

These are important features of a high-speed line to protect both the machine and the operating crew. They have been given top priority and are BGS approved



## Step-by-step Expansion

- \*modular design
- \*universal base modules
- \*interchangeable feeder heads (section feeders, card gluers, folder feeders)
- \*feeders can be added easily to an existing machine

The unique concept of standardized, universal base modules and feeder heads guarantees the user maximum flexibility at all times.



## Heavy-duty Stitching Unit

- \*flying stitching heads (patented)
- \*smooth, uninterrupted movement of the gathered sections
- \*heavy-duty stitching unit for precise stitching
- \*wide range of stitch spacing
- \*simple thickness adjustment
- \*regular or loop stitching heads, can also be used in combination
- \*electrically interlocked covers

Precise stitching of thin and thick products alike-at the highest speeds- is a key advantage of the MULLER MARTINI stitching unit

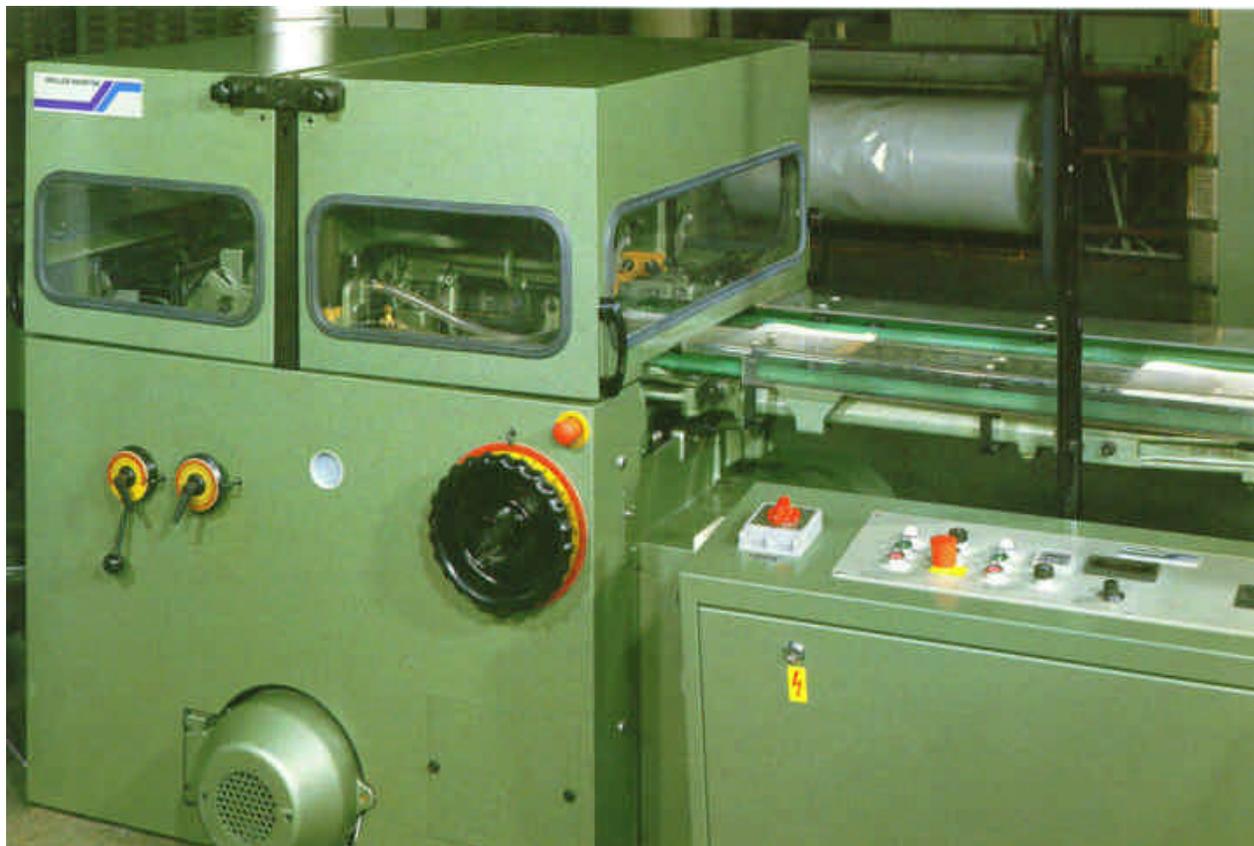


## Positive Delivery

- \*synchronized top and bottom belts
- \*angular roller transfer section
- \*independently driven bottom and side belts for conveying the products to the 3-knife trimmer

Gentle processing of the product is guaranteed with the Saddle Stitcher 335. for all types of work, from inexpensive throw-away leaflets to high-class, full color brochures,

# Accurate trimming



The 3-knife trimmer is an important component of an efficient production line. Saddle stitcher and 3-knife trimmer should be carefully matched to assure consistent output and product quality.

Outstanding features:

### **Single-piece machine frame casting**

Ensures accurate trimming at highest speeds, long knife life and quiet operation.

### **Long infeed section**

Copies are accurately aligned by driven bottom and lateral belts.

### **Timed transfer belts/heavy-duty clamps**

Accurate and square trimming, regardless of product thickness.

### **Trimming while product is stationary**

For superior trim accuracy.

### **Quick Size Changes**

\*make-ready on scale-adjustable hand wheels

\*wide size range (trimmed)

from 148 x 75 mm (5-3/4" x 3")

to 470 x 300 mm (18-1/2" x ~11-3/4")

Quick and simple size changeover reduces downtime between jobs

### **Large protective hoods**

See-through panels for easy supervision, and sound absorbing padding. Speed, quality, operating convenience and long service life are assured by the 3-Knife Trimmer, Model 890.

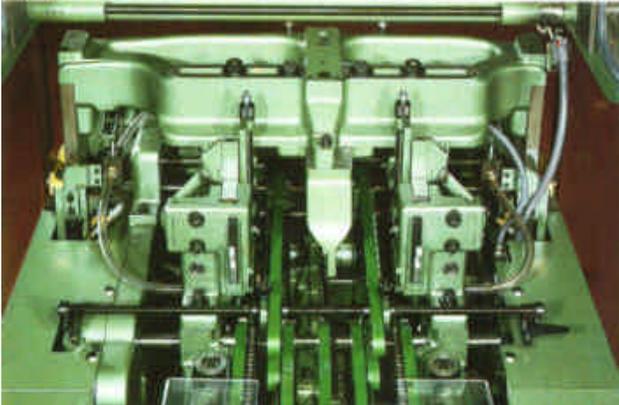




## Efficient Folder Feeders

- \*easy-to-load large capacity hopper
- \*quick, wrench less size changes
- \*scoring depth and fold alignment set by hand wheels with scales
- \*squeeze roller for high quality fold
- \*selector switch for 1:1/1:2 production modes, or zero position for idling
- \*misfeed light and stop button for easy supervision

The folder feeder eliminates a labor intensive extra production step. Easy access and quick size changeover simplify the operation.

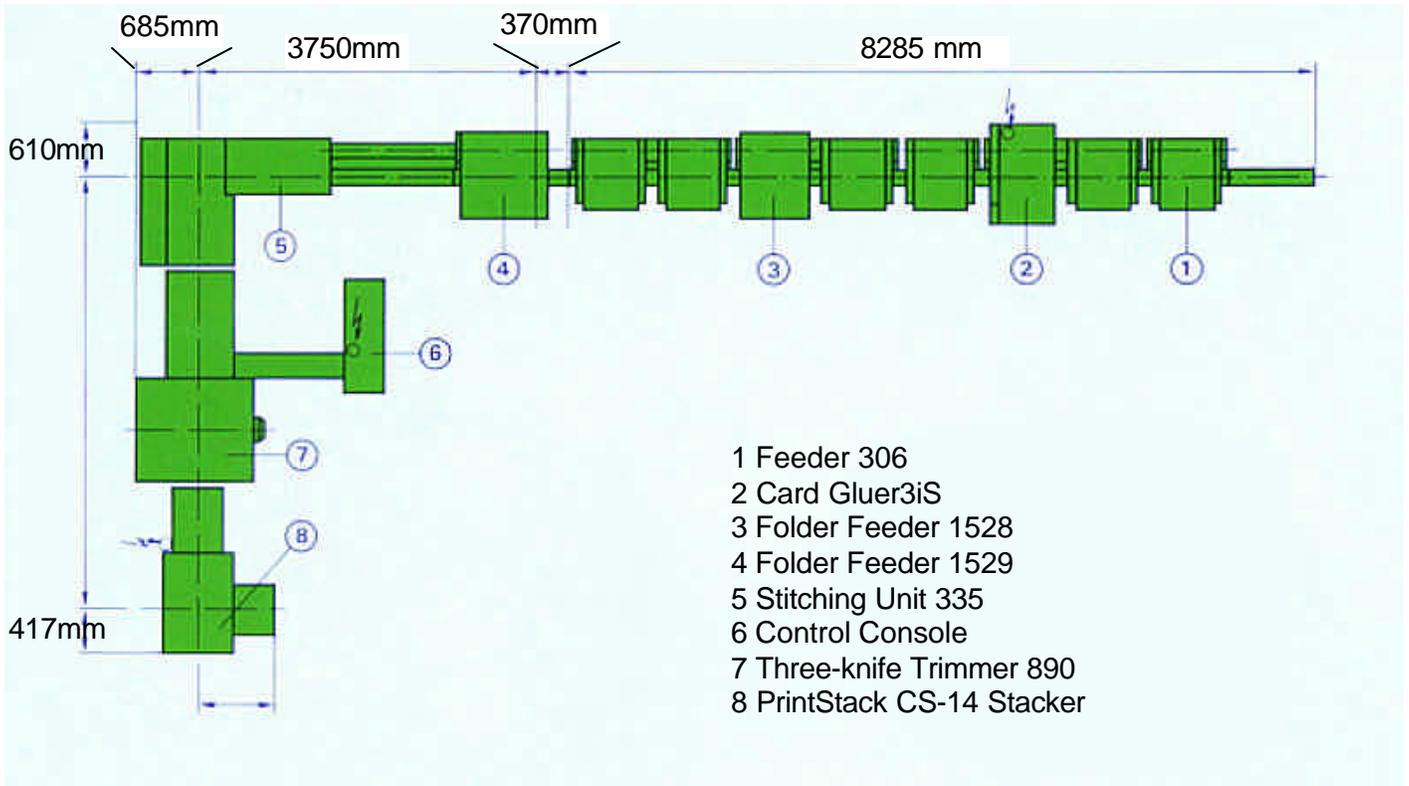


## Versatile 3-Knife Trimmer

Optional accessories:

- \*4th and 5th knife
- \*attachment for 3-up trimming
- \*hole punch

All accessories are compact and can be added by the operator at any time.



**Specifications:**

Equipment                      Feeder 306  
    Saddle Stitcher 335  
    Three Knife Trimmer 890

Maximum mechanical speed                      12,000cph

**Sizes:**

untrimmed (high folio)	max. 480 x 320mm	18-1/8" x 12-9/16"
untrimmed (no lap)	max. 400 x 290mm	15-3/4" x 11-7/16"
untrimmed (with accessories)	min. 105 x 80mm	4-1/8" x 3-1/8"
trimmed (high folio)	max. 470 x 300mm	18-1/2" x 13-13/16"
trimmed	min. 148 x 75mm	5-13/16" x 2-15/16"
trimmed (with accessories)	min. 98 x 75mm	3-7/8" x 2-15/16"
4th and 5th knife	max. 2 x 235 x 300mm	2 x 9-1/4" x 11-13/16"
w/o accessories	min. 2 x 148 x 75mm	2 x 5-13/16" x 2-15/16"
with accessories	min. 2 x 100 x 75mm	2 x 3-15/16" x 2-15/16"

Number of stitching heads  
 (HK-55, HK 75, HK-75V, 249)                      max. 6

Stitching capacity                      HK-55                      max. 3mm    1/8"  
    HK-75, HK75V                      max. 5mm    3/16"  
    Loop heads 249                      max. 3mm    1/8"

Power consumption (drive systems)                      with max. 10 feeders                      7.4 kW  
    with max. 14 feeders                      11 kW