

# No 505

## Auto-ID application in Sweden at SCA Transforest

# BAUMER IDENT CASE STUDY

## Automatic identification of paper reels

*The EVS 134 bar code reader has proved to be the most reliable code reader for identification of paper reels at long distances. The reader is used today in all SCA paper mills and in a number of other applications within the paper industry.*

Every two days about 750 tons of paper arrive by train from SCA's paper mill in Umeå at their new modern distribution centre in Skövde, Sweden. Here the reels are stored to facilitate a quick

distribution to customers in the southern part of Sweden, Denmark and Norway. 144 different qualities and weights of paper are handled and the warehouse planning is based on a customer forecast of consumption.

### Bar code around the reel

Before the reels leave the paper mill they are marked with a bar code for identification purposes. The information about each reel is stored in a central data base. The codes are printed directly

onto the reels by means of an ink jet printer. As the codes are printed around the whole reel every 10 cm, there is always a code in correct position for reading.

### Robust code reader

The EVS 134 bar code reader from Baumer Ident is used on all fork lift trucks in the terminal. The robust, movable reader is mounted on the fork carriage and is joy stick controlled by the driver. By using a light beam as a direction indicator, the driver can pick up the correct code. The reading distance can be up to 6 m.

As the reader utilises CCD technology the reading capabilities are extremely high and the EVS 134 can cope with even the lowest contrast ink jet printed codes.



## Application FACTS

- Bar code reader EVS 134 mounted on the fork lift carriage
- Long reading distance, 2 - 6 m.
- Low maintenance cost.
- Withstands vibration and shock.
- Code I 2/5, 16 characters.
- Ink jet printed codes around the whole reel simplifies the identification.
- Mobile terminal: Åkerströms Diracom.
- Ink jet printer: Matthews Swedot.