

# Expertise in the manufacturing of dewatering equipments

## A B HEDEMORA VERKSTADAR\*

Due to licence agreement between Dorr-Oliver and Hedemora, Hedemora were allowed to market their products to countries like Sweden, Finland, Norway, Denmark etc. Now we are pleased to inform you Hedemora have established their own expertise in the manufacturing of dewatering equipments and as an export house can offer our various products to other countries as well. Hedemora can offer you dewatering equipments from 0.5% dry substance to 35% D S. Today Hedemora are the leading company in Europe concerning disc-filters. From our reference list you can see we have supplied equipments to countries like Peru, Venezuela, Colombia, Argentina, Mexico, Egypt, Turkey, South Korea.

Interestingly you will also see we have supplied our equipments in your own country—Tamil Nadu Newsprint. Having achieved this distinction in your country we have decided to go a long way in India and our representative would be Messrs G. Varadan Private Limited, Bombay.

Hedemora had a flying start in the international market by getting a big order for Peru comprising of two complete BSW—and bleaching lines. This was the first mill started up with bagasse as raw material and we have gained considerable experience.

From the beginning of this century Hedemora designed and manufactured the first dewatering machine, a slusher. Since then over 1000 units of slushers, Deckers, Drum and Disc-filters have been supplied. We specialise on equipment like Disc Filters, Slushers, Deckers, Wire-Cloth Press, Drum-Filters and Bow Screens

### Disc-Filters

Much in demand today is the disc-filters. This is mainly due to hard and stringent rules and regulations concerning pollution control and also due to the fact that every mill wants to reduce the fibre loss to keep it to the minimum. Today every mill has a disc-filter for cleaning the white water

and taking care of the fibers in the water. The Disc-filter has replaced the more expensive and less efficient drum filters. Hedemora filters can be used for thickening purposes from 0.5% upto 17% thus replacing the drum filter for this purpose.

In a close co-operation with the industry and research institutes, the function and design of the disc-filter has been studied in detail. The streaming losses and their influence on the result have been analysed. The design of feed-box, vat, sectors, centre-shaft channels, valve and Barometric legs have been greatly improved. The result is higher loading per filter area and higher dryness in the discharged pulp and achieve better efficiency in fibre recovery it can be mentioned that the reduced volumes in sectors and channels have resulted in a better separation of cloudy and clear filtrate. About white cleaning it is very important to minimise the streaming losses to achieve clean clear filtrate as possible.

### Drum Filter

Drum filters are today normally used for applications where washing of the pulp has to take place. If for some reasons and purpose A D S upto 20% is desired then drum filter will still have its place. Hedemora can offer complete BSW—Lines and bleaching lines as well. Hedemora drum filter is of suction type with internal filtrate pipes. The Deck will be wire-wound or perforated due to application and type of pulp. The filter has the most modern and a sturdy design as well.

### Slushers and Deckers

This machine is today normally used for broke and reject de-watering purposes. As a broke thickener it is an excellent machine due to not being affected of variations in the feeding.

---

\*S 776 00 Hedmora  
Sweden

### **Wire Cloth Press**

With the introduction of this press completed the lack of reaching D S above 20 % the press is built up on a patented principle which means that high pressure pressing is done by means of hydraulic cylinders and rubber bonds instead of conventional Roller-nips or screw presses. This type of pressing is very keen to the fibre and no fish-eyes or anything else will happen or destroy the fibres.

Hedemora is a member of the axel Johnson group which is one of the biggest industrial and

trading enterprises in Scandinavia. Annual sales are in the region of 25 billion Swedish kroner and employs 35000 people.

In short with many years of experience and the above background of the company you can be best assured that you are dealing with a solid company.

We solicit your valued enquires and we would not hesitate to be competent in price with no compromise on the Quality.