



## Free-Swinging Chip Screens

Free-swinging chip screens come in several sizes for separating up to four fractions. Exchangeable screen decks

with decreasing hole sizes ensure efficient screening and maximum economic yield from by-products.

	SH4	SH5-3	SH5/4	SH8	SH11-3	SH11/4
Average capacity, cu.m./hr	30	60	60	120	250	250
Momentary capacity, cu.m./hr.	60	100	100	200	300	300
Screening area, sq.m.	3.8	5	5	7.6	11	11
Net weight, kg	1000	1600	1800	3200	4000	4500
Number of fractions	3	3	4	3	3	4

# Free-Swinging Chip Screens

## Design

A screen box suspended by steel cables contains two or three screen decks with decreasing hole sizes for maximum screening effect.

The top deck consists of perforated screen plates, other decks usually of wire mesh, which ensures superior separation of fines and pin-chips.

## Advantages

- Large-amplitude, high-rpm screening motion, generated by a motordriven, rotating counterweight.
- All screen decks are exchangeable and come with a variety of perforations adapted to individual requirements.

- High net screen weight reduces sensitivity to high volumes and loads.

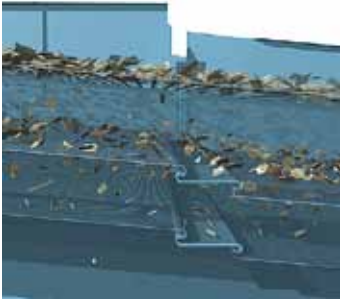
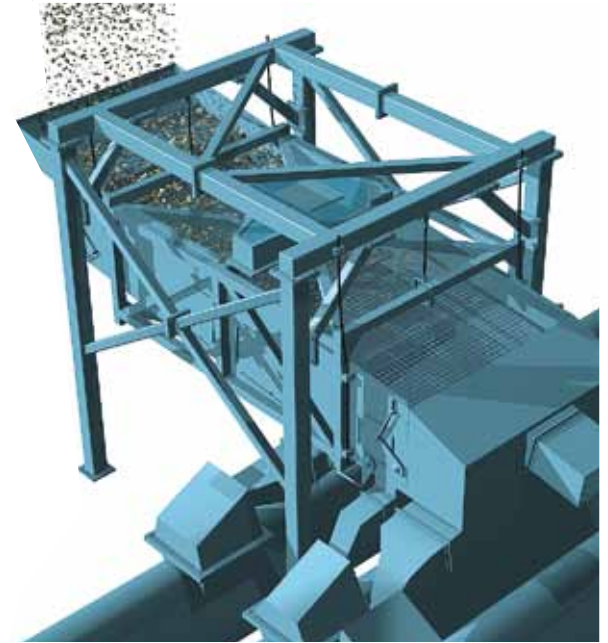
## Accessories

The standard suspension cables with upper cable mounting plates can be supplemented with a suspension frame or a custom-made screen stand. A rotation monitor can be fitted.

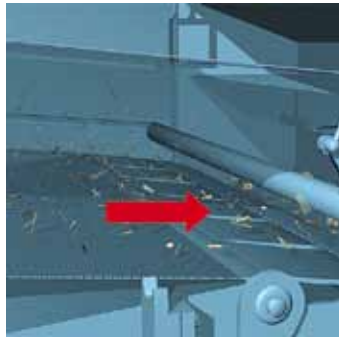
## "Sizer effect"

The screen decks have a stepwise decreasing inclination, which leads to decreasing transport speed. This design enables the combination of high capacities with high screening accuracy.

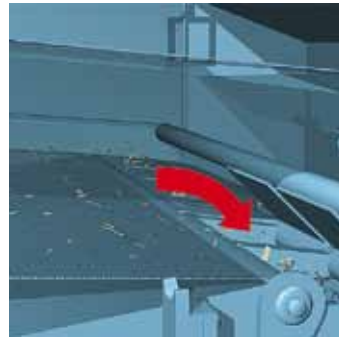
The chips arrive on an inlet chute designed to spread the material over the entire width of the screen and calm down the material flow.



Certain screens can be fitted with three screen decks when a fourth fraction is required.



SH 11/4 features an ingenious control mechanism making it easy to vary the proportion of pin-chips in the accept chips, or to discharge a separate fraction such as pin-chips.



The illustrations do not necessarily show the exact design of the product at any given time. The products have to be used in conformity with common practice and all applicable safety regulations. Specifications for products and equipment presented here can be changed without prior notice.