

# Sieving machine

## G-type sizer

Van Aarsen supplies sieving machines and other equipment for the animal feed industry, based on more than 60 years experience.

The van Aarsen G-type sizer is a compact machine with high screening efficiency within a wide range of very different and often demanding branches. It is especially suitable for sieving pellets and crumbles.

The van Aarsen G-type sizer comes in four sizes, with inner widths ranging from 0.5 to 2 m, reflecting the capacity. It is manufactured with up to 5 decks, suiting the screening duty. The G-type sizer weighs from about 300 kilos up to almost 3 tons, depending upon version and accessories.

The compact design and the excellent accessibility of the screen cloths and the vibrator contribute to short downtimes and good operational economy.

Screening capacity varies from 5-40 T/h for separation of fines and lumps from pellets,  $\varnothing$  3.2-6 mm, and crumbles, 1.5-2.5 mm. Higher capacities and screening sizes are possible on request.

### Features of the van Aarsen G-type sizer

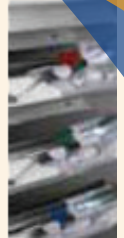
- ▶ Large capacity
- ▶ High screening efficiency
- ▶ Compact and lightweight
- ▶ Low power requirement



*SEL with dual motor*



*Frame with vibration-dampening springs*



*Screen doth tensioning with electronic remote supervision*



*Modularised 0,5 m wide rear covers with 2 quick-release fasteners*



*Strategically positioned inspection ports simplify screen doth change*

- ▶ Robust and operationally reliable construction
- ▶ Wide range of accessories
- ▶ Maintenance-friendly
- ▶ Modular design
- ▶ Simple operation
- ▶ High flexibility concerning the shape of inlet and outlets
- ▶ Servicing is simple: large, easy-to-open inspection ports with secure fastening and dust covers available in 0.5 m wide modules with only 2 quick-release fasteners each
- ▶ The system for screen cloth tension is robust and easy to check: over- as well as under-tensioning are indicated
- ▶ The G-type sizer is driven by a single vibrator which gives it the typical elliptical motion pattern that counteracts blinding and loosens and stratifies the feed material
- ▶ The unique system with one vibrator has low power requirements, and setting of the stroke length and servicing are simplified

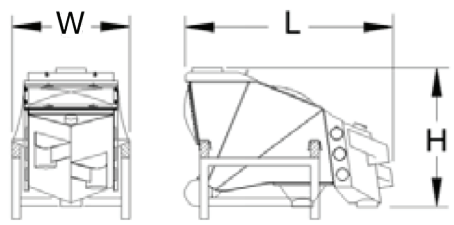
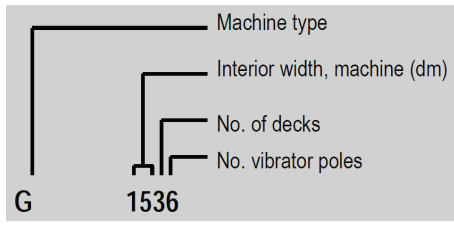
### Accessories

- ▶ Several systems for wear protection
- ▶ Different types of screen cloth cleaning
- ▶ Electrical control and supervision systems that give high operational reliability. For example remote electronic supervision of screen cloth breakage and insufficient tension





Screen cloth tensioning with electronic remote supervision



Type	Width	Length	Height
G 051X	890	2140	1215
G 052X	890	2260	1455
G 053X	890	2335	1755
G 054X	890	2415	1980
G 055X	890	2545	2200
G 101X	1390	2175	1310
G 102X	1390	2460	1555
G 103X	1390	2460	1815
G 104X	1390	2725	2040
G 105X	1390	2825	2260

Type	Width	Length	Height
G 151X	1885	2225	1400
G 152X	1885	2585	1645
G 153X	1885	2660	1905
G 154X	1885	2790	2125
G 155X	1885	2900	2345
G 201X	2400	2225	1540
G 202X	2400	2785	1780
G 203X	2400	2880	2035
G 204X	2400	2925	2200