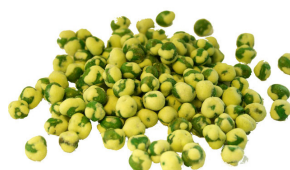




Gentle and flexible  
conveying of:

- Fragile products
- Pelletized products
- Agricultural products
- Powder and granulates



universal **ELEVATOR**



Type 44G Basic

## New economical design

Simatek Universal Elevators are known for a gentle and flexible conveying of bulk products integrating horizontal and vertical transportation in one conveyor.

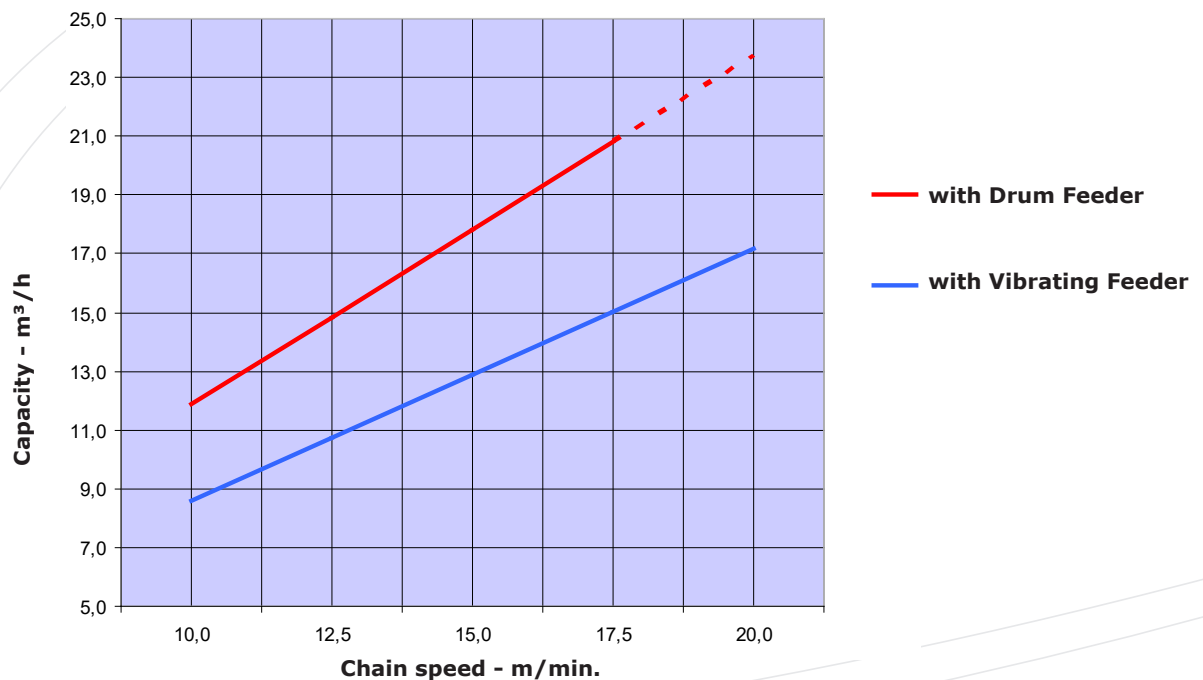
Our latest addition, Type 44G Basic is mechanically similar to Simatek's standard series – but with a lighter design and with fewer constructions forms, as it may only be delivered in either form A or form C.

The concept is based on standard modules with the possibility of on-site length adjustments.

Universal Elevator Type 44G Basic is produced in galvanised steel plates. As an option it will be possible to have the plates enamelled.

## Compact design – higher capacity

The Universal Elevator type 44G Basic is comparable to the Universal Elevator type 33E, but operates with larger buckets and therefore has 25% higher capacity.



## Products and applications

Type 44G Basic elevator especially applies to the light industry, small pelletising facilities and the agro industry.

The essential components including components in contact with the product are the same as those in the E-series. This will make it a good solution for many applications and products.



## Universal Elevator Type 44G Basic

# Simatek Universal Elevator – Type 44G Basic

The Simatek Bulk Systems series of modular pendulum bucket elevators offers space-saving and energy-efficient solutions for the conveying of bulk products.

Simatek Universal Elevators come in various forms and with two different pendulum bucket designs. The traditional design is with overlap and forced control of the buckets but an alternative design without bucket overlap and with reduced forced control is also available.

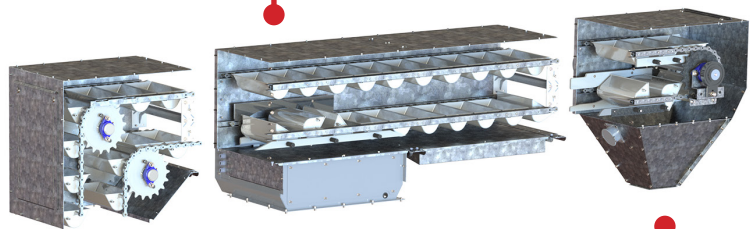


## Intermediate outlet

Electric pneumatic intermediate outlets can be mounted on the horizontal sections as per request.

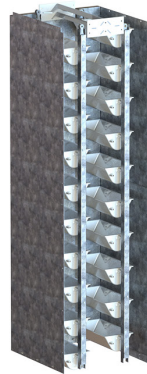
## Corner section

Corner section with shaft and sprockets. Double bearing construction of both shaft and free-running sprockets.



## Drive and emptying section

The drive section has an electric overload control to protect the elevator.



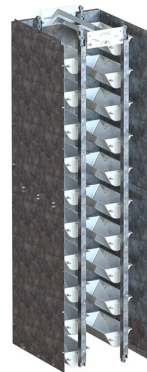
## Filling and tensioning section

Optimum operation requires a controlled filling of the elevator. For further information please see separate program on feeding and dosing systems.

The tension section has a semi-automatic chain tensioner ensuring correct tensioning. As an option it may be delivered with a fully automatic, pneumatic chain tensioner.

## Vertical and horizontal sections

As standard the intermediate sections come with a rail system for controlling the chains and buckets. The lower horizontal sections have an easily operated drawer system for easy cleaning.



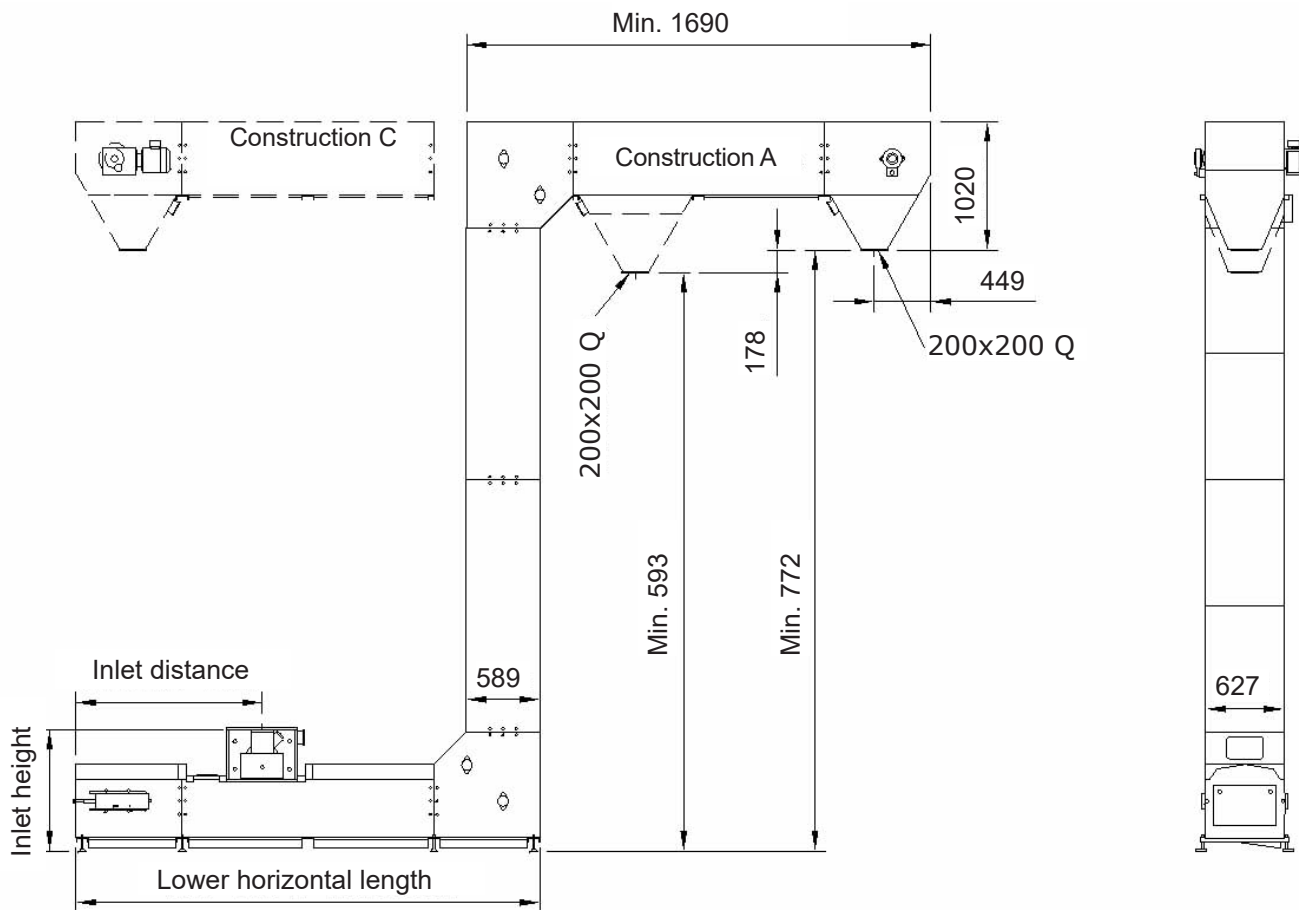
## Service

The vital parts of the elevator have service doors for easy service and inspection access.



A Gentle and Flexible Solution

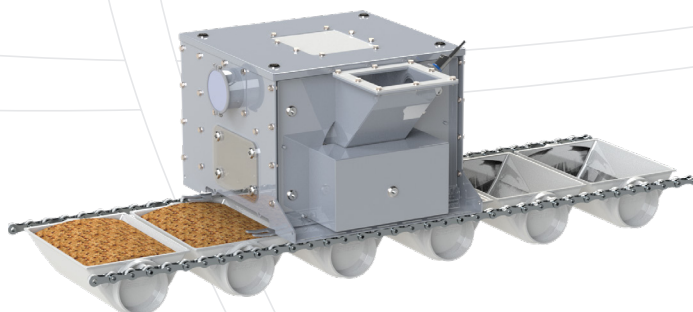
## Dimensions



	Inlet height construction A+C	Lower horizontal min. length construction A+C	Min. distance for inlet construction A	Min. distance for inlet construction C
Drum feeder	963	2699 (2228)	1479 (1008)	1221 (750)
Vibrator	911	2995 (2527)	1844 (1376)	1151 (683)
Open inlet	600	2995 (1690)	939 (471)	939 (471)
Std. inlet	605	2541 (2073)	1402 (934)	1139 (671)

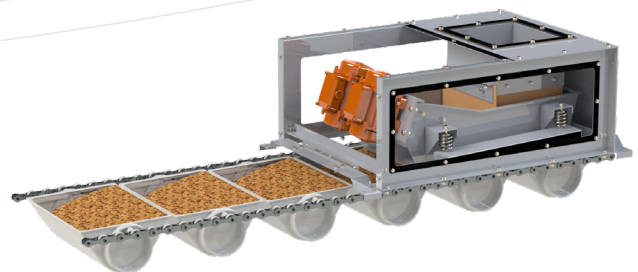
( ) = absolute minimum, i.e. without inspection door  
The numbers are subject to change

## Feeding systems



### Drum feeder

Continuous Batch Feeding System  
for most free flowing products.  
Filling degree up to 95%



### Vibrating feeder

Traditional gentle feeding system  
for most product types.  
Filling degree up to 65%