

## Technical Data Sheet.

### Belt and Bucket Elevator AHEL – Heavy Duty Line.

## Technical Data

Type	Throughput [t/h] at belt speed				Buckets per [m] / rows throughput [t/h]	Motor power max. [kW]	Max. throughput reduced height		Max. height reduced throughput	
	1.5 m/s	2.0 m/s	2.5 m/s	3.0 m/s			Throughput [t/h]	Height [m]	Throughput [t/h]	Height [m]
<b>AHEL 630X570</b>	198	265	330	397	5.5 / 1	75	382	41	242	62
<b>AHEL 800X570</b>	198	265	330	397	5.5 / 1	110	396	67	305	83
<b>AHEL 800X800</b>	273	363	455	545	5.5 / 2	160	541	74	463	83
<b>AHEL 800X980</b>	352	470	585	705	5.5 / 2	200	700	70	567	83
<b>AHEL 1000X1190</b>	407	545	680	815	5.5 / 3	250	811	73	690	83
<b>AHEL 1000X1360</b>	455	605	755	910	5.5 / 4	300	905	75	785	83
<b>AHEL 1000X1640</b>	580	770	970	1160	5.5 / 4	355	1155	73	975	83
<b>AHEL 1000X1900</b>	705	940	1170	1410	5.5 / 4	400	1400	70	1130	83

\*The specified values refer to grain with bulk density  $\gamma = 0.75 \text{ t/m}^3$  and products with similar flow characteristics for vertical transport. The effectively possible values depend always on application, interpretation and transportation tasks.

- Throughput limited by number of buckets & bucket loading rate  
- Overall height limited by belt loading

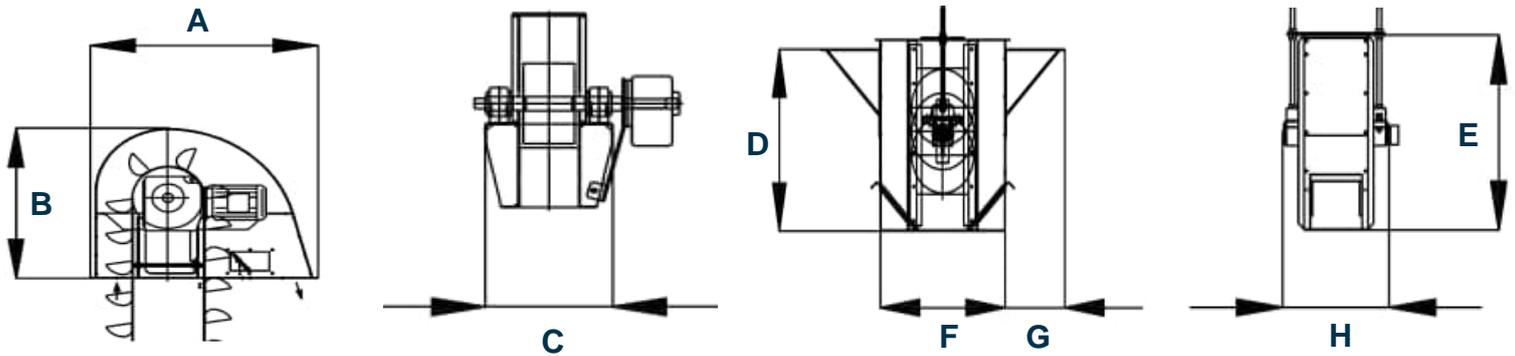
- Overall height limited by design  
- Throughput limited by belt loading

# Technical Data Sheet.

## Belt and Bucket Elevator

### AHEL – Heavy Duty Line.

## Dimensions



Dimensions [mm]\*

Type	Elevator Head				Elevator Boot			Casing Size	
	A	B	C	D	E	F	G	H	Rectangle Round
<b>630X570</b>	1987	1519	1052	1531	1606	1250	764	944	360x630
<b>800X570</b>	2382	1704	1230	1791	1956	1460	766	1036	385x630
<b>800X800</b>	2382	1706	1460	1791	1956	1460	766	1296	385x860
<b>800X980</b>	2382	1706	1640	1791	1956	1460	766	1476	385x1040
<b>1000X1190</b>	2582	2056	1870	2173	2258	1660	768	1781	385x1270
<b>1000X1360</b>	2582	2056	2140	2173	2258	1660	768	1951	385x1440
<b>1000X1640</b>	2582	2056	2420	2173	2258	1660	768	2231	385x1720
<b>1000X1900</b>	2582	2056	2680	2173	2258	1660	768	2521	385x1980

\*The values specified are not binding; subject to technical modifications without notice. If installation space is restricted, recheck the dimensions of the conveyor when order is awarded.

# Technical Data Sheet.

## Belt and Bucket Elevator

### AHEL – Heavy Duty Line.

## Machine and Process Data.

### Surface Treatment:

- Indoor powder coated
- Outdoor powder coated
- Galvanized

### Material:

- Mild steel



## Bucket :

Material	Steel	HDPE	PA	PU
Service life	+++	+	+++	+++
Impact strength	+++	+	+++	+++
Sticking materials	+	++	+++	+++
Approved for foodstuffs	Yes	Yes	Yes	Yes
Constant temperature	180°C	70°C	120°C	70°C



### Bühler GmbH

DE-92339 Beilngries T +49 8461 701 0  
 Deutschland F +49 8461 701 133  
[grain-quality-supply@buhlergroup.com](mailto:grain-quality-supply@buhlergroup.com)  
[www.buhlergroup.com/gq](http://www.buhlergroup.com/gq)