

General Description

By their design and construction **DENIS** Belt and Bucket Elevators provide the following advantages:

Robust and practical: strong rigid construction, self-supporting structure, easy to build, compact, easy to maintain

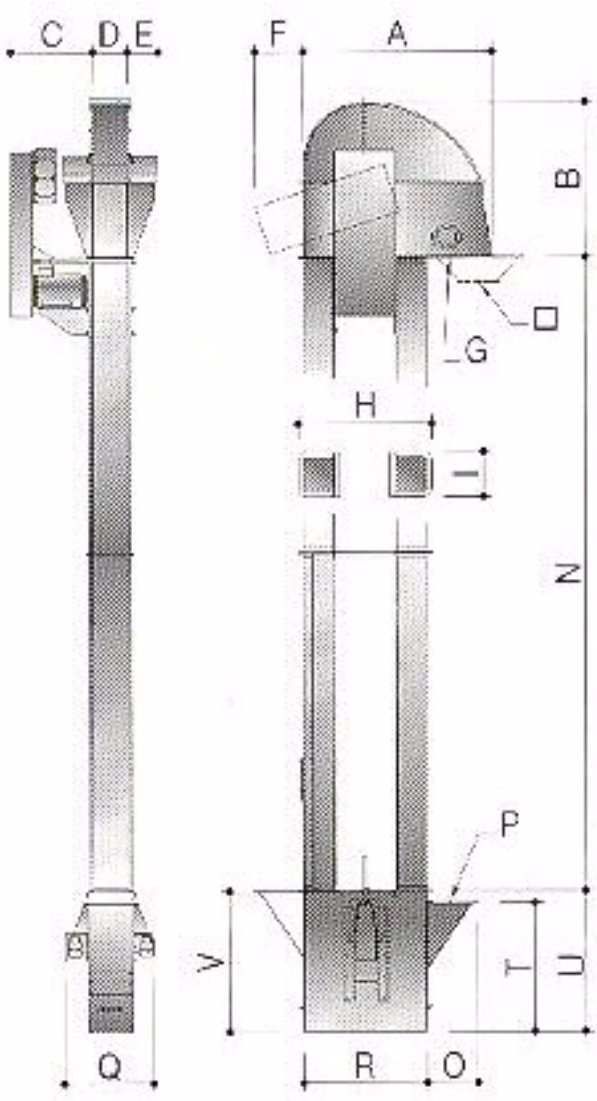
Functional and reliable: flexible specification, speed to suit products, choice of specifications for belt and buckets, access and clean out slides, removable access panel in trunking

Performance with economy: consistent throughputs up to 400 m³/hour, low power requirement, low maintenance

Well designed quality machines: the 180°C oven baked paint finish is applied after a degreasing treatment followed by a phosphate primer for every component

Optional: white food quality paint, hot dipped galvanised, stainless steel...

Safety: this equipment conforms with the European Standards for safety and strength and with **ATEX**, the European Explosion prevention requirements



Performance

TYPE	10 N	14 N	20 N	24 N	30 N	37 N
Maximum Throughput m ³ /h	20	30	40	50	66	80
Buckets n/m	8	12,5	8	11	6	9
Belt speed m/s	2,83	2,83	2,00	2,00	2,83	3,0
Drum dia mm	300	400	500	600	630	800
Belt breaking strain N/mm	250	315 to 400	315 to 630	315 to 800	400 to 300	400 to 820
Power kW	1.1 to 4	1.5 to 9	3 to 18.5	5.5 to 30	11 to 45	13.5 to 55

Based on product density of 750g/m³

Standard dimensions (mm)

TYPE	10 N	14 N	20 N	24 N	30 N	37 N
A	850	1115	1420	1640	1835	1966
B	650	910	1170	1290	1500	1750
C	270	425	525	635	740	700
D	155	206	276	325	450	608
E	110	185	235	280	390	232
F				730	800	615
G	240x150	315x230	401x270	500x318	500x440	500x540
I	160	160 203	230 250	250 350	350	430
H	610	788	991	1128	1266	1454
I	212	266	332	386	540	640
N	As required (multiples of 250 mm)					
O	255	301	368	432	492	542
P	□ 150	□ 230	□ 250	□ 324	□ 356	□ 400
Q	270	320	485	565	760	924
R	555	731	938	1092	1220	1370
T	740	840	1110	1250	1300	1400
U	740	840	1110	1250	1500	1750
V	740	40	1110	1250	1500	1750

A wide range of equipment, standard or specially tailored for the most efficient handling of all kinds of bulk products with very different densities and particle size: cereals, seeds, flours, granules, fertilizer, minerals, wood shavings, wood chips, and therefore suitable for all your installations.