

The new generation of belt & bucket elevators is adapted in terms of capacity to lift material from a Skandia trench intake/bottom conveyor to a Skandia top conveyor. It can be fed on the downward side plate with maintained capacity.

STANDARD EQUIPMENT:

- › Direct-mounted gearbox motor with support frame
- › Back stop & elevator switch
- › Extra wear plates in elevator hood and outlet nose
- › Inspection hatch on both side plates in the head
- › Detachable elevator hood
- › Leg with two service doors, one with sight glass
- › Self-cleaning slatted pulley in head & boot
- › Belt alignment adjusting device in head & boot
- › Belt tensioning in boot
- › Clean out hatch on both sides in the boot
- › Sealing plate for an inlet opening
- › Antistatic bucket belt and steel buckets

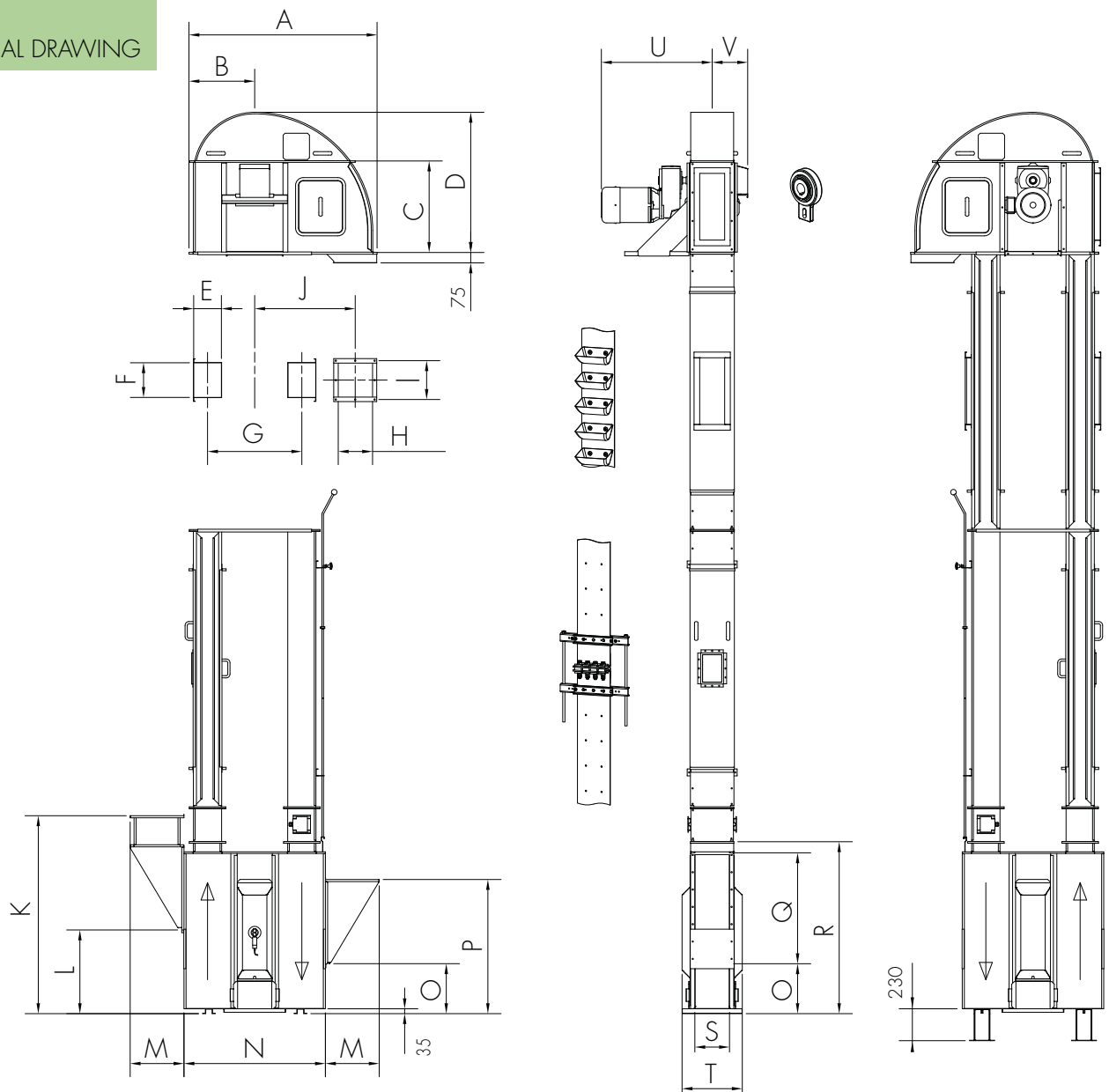
ACCESSORIES:

- › Weather cover for gearbox motor
- › Inductive belt alignment switch
- › Explosion relief panels
- › Connections, inlet hoppers & valves for different needs
- › Inlet slide (in several drive variants)
- › Seed boot with high feet and bottom clean-out hatch with safety switch.
- › Elevator hood with aspiration connection.
- › Service platform in two different variants, ladder safety hoops & rest platform
- › Oil resistant belt
- › Plastic buckets



Our machines are designed for outdoor use. We only use galvanised steel plate, and join the parts by means of clamp riveting and bolting in order to keep the surface layer intact. Edges are bent down, joints and seams overlap and many parts are embossed in order to prevent water penetration. The most exposed joints are also sealed with rubber strips or silicone. The products in the I-LINE are designed for plants with continuous operation all year round.

| SEI BELT & BUCKET ELEVATOR | | 35/14 | | 50/18 | | 50/23 | |
|------------------------------------|-------------------|-------------------------|--------|-------------------------|---------|-------------------------|---------|
| | | 40 t/h | 60 t/h | 80 t/h | 100 t/h | 120 t/h | 150 t/h |
| Capacity for 750 kg/m ³ | t/h | 44-45 | 65-67 | 87-92 | 108-116 | 129-138 | 162-173 |
| Capacity | m ³ /h | 57-59 | 87-89 | 116-123 | 144-155 | 172-184 | 216-231 |
| Speed/Belt speed (Nom.) | | 171-178 rpm/3.1-3.3 m/s | | 119-127 rpm/3.1-3.3 m/s | | 119-127 rpm/3.1-3.3 m/s | |
| Slatted pulley diameter | mm | 360 | | 500 | | 500 | |
| Bucket model/width | mm | Starco/140 | | Euro Jet/180 | | Euro Jet/230 | |
| Max buckets/m belt | pcs | 11 | | 11 | | 9 | |
| Buckets/m belt | pcs | 5.6 | 8.4 | 7.2 | 9.0 | 6.2 | 7.8 |
| Bucket volume, net/gross | litre | 0.65/0.85 | | 0.9/1.3 | | 1.7/2.5 | |
| Material thickness buckets | mm | 1.5 | | 1.5 | | 2.0 | |
| Belt width | mm | 160 | | 200 | | 250 | |
| Belt type/standard | | EP 500/3 | | EP 630/4 | | EP 630/4 | |
| Leg, width/depth | mm | 200x170 | | 250x200 | | 300x230 | |
| Plate thickness, head/boot | mm | 2.00 | | 3.00 | | 3.00 | |
| Plate thickness, legs | mm | 1.25 | | 1.50 | | 1.50 | |
| Plate thickness alternative, legs | mm | 2.0 | | 2.0 | | 2.0 | |
| ATEX class (standard equipment) | | II 3D/OD | | II 3D/OD | | II 3D/OD | |



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|---|-------|-------|-------|---|---------|----------|----------|
| A | 1096 | 1356 | 1474 | L | 375 | 600 | 340 |
| B | 373 | 474 | 512 | M | 388 | 388 | 529 |
| C | 500 | 660 | 660 | N | 820 | 1020 | 1100 |
| D | 800 | 1011 | 1041 | O | 250 | 360 | 340 |
| E | 170 | 200 | 230 | P | 860 | 960 | 1215 |
| F | 200 | 250 | 300 | Q | 620 | 800 | 800 |
| G | 515 | 680 | 710 | R | 950 | 1240 | 1210 |
| H | □180 | □250 | □300 | S | 250 | 250 | 300 |
| I | 210 | 280 | 336 | T | 430 | 434 | 520 |
| J | 599 | 725 | 780 | U | 580-830 | 700-1000 | 750-1100 |
| K | 1200 | 1420 | 1535 | V | 218 | 256 | 306 |

