

## SEH

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
- › Vertically detachable head pulley assembly
- › Back stop and speed monitor
- › Plastic wearing surfaces on exposed surfaces in the elevator hood, outlet and elevator boot
- › Dividable elevator hood
- › Drive wheel fully coated with ribbed friction rubber
- › Belt alignment adjustment in head and boot
- › Belt tensioning in boot
- › Higher support feet
- › Leg with two service doors, one with sight glass
- › Inspection hatch on both side plates in the head
- › Cleaning hatches on all side plates in the boot
- › Anti-static VLE belt and steel buckets

### ACCESSORIES:

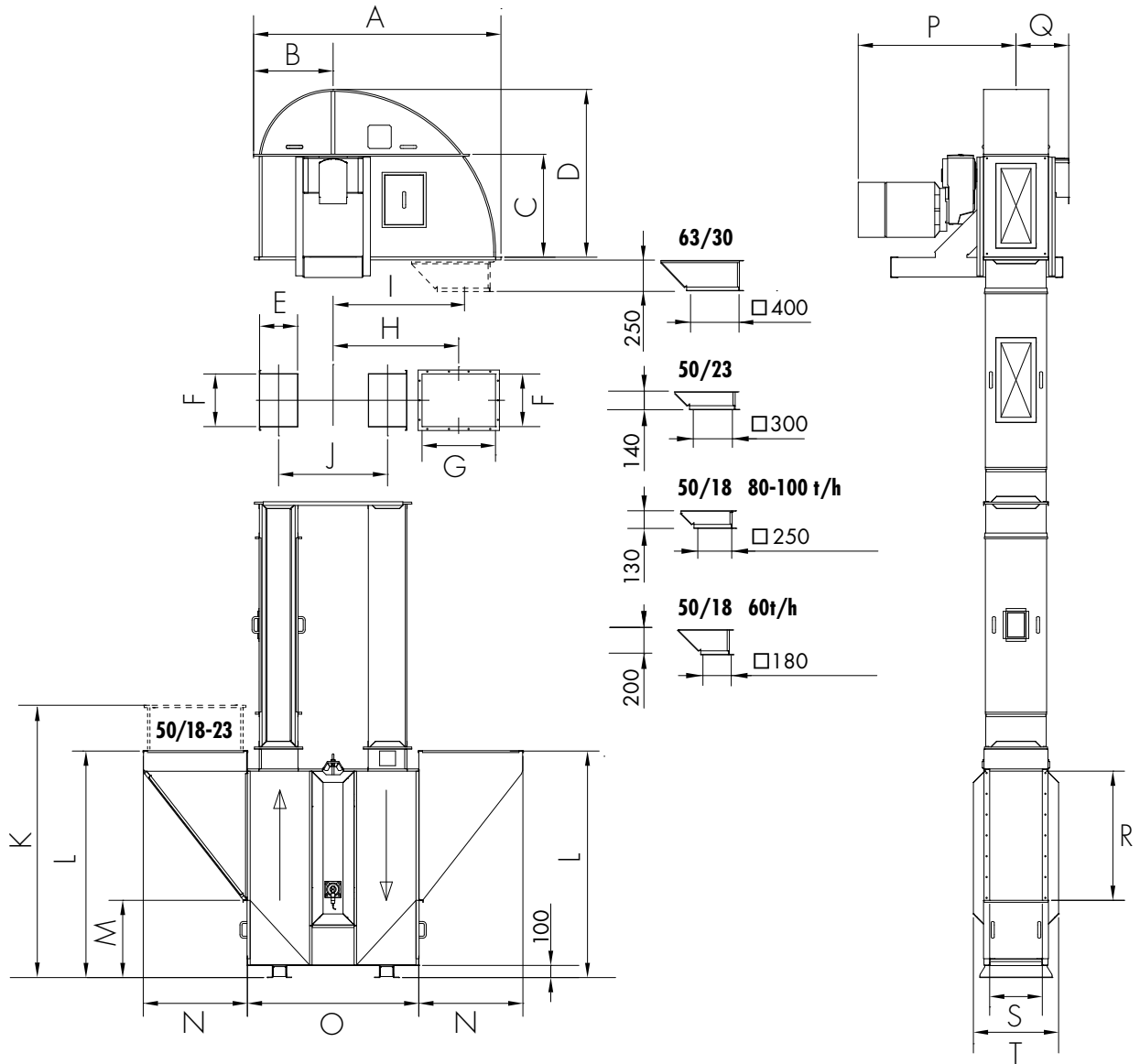
- › Weather cover for gearbox motor
- › Inductive belt alignment switch
- › Explosion relief panels
- › Connections, inlet hoppers and valves for different needs
- › Dividable elevator hood with aspiration connection
- › Service platform, ladder with safety hoops & rest platform
- › Oil resistant belt
- › Belt and slatted pulley scraper
- › 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 screwing 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 H-LINE are designed for plants with intense operation all year round.

| SEH<br>BELT & BUCKET ELEVATOR      |                   | 50/18                   |         |         | 50/23                   |          | 63/30                                    |         |         |
|------------------------------------|-------------------|-------------------------|---------|---------|-------------------------|----------|--|---------|---------|
|                                    |                   | 60 t/h                  | 80 t/h  | 100 t/h | 120 t/h                 | 150 t/h  | 200 t/h                                  | 250 t/h | 300 t/h |
| Capacity for 750 kg/m <sup>3</sup> | t/h               | 65-69                   | 87-92   | 108-116 | 129-138                 | 162-173  | 220-230                                  | 275-287 | 324-339 |
| Capacity                           | m <sup>3</sup> /h | 87-92                   | 116-123 | 144-155 | 172-184                 | 216-231  | 293-306                                  | 366-383 | 432-451 |
| Speed/Belt speed (Nom.)            |                   | 119-127 rpm/3.1-3.3 m/s |         |         | 119-127 rpm/3.1-3.3 m/s |          | 95-99 rpm/3.1-3.3 m/s                    |         |         |
| Slatted pulley diameter            | mm                | 500                     |         |         | 500                     |          | 630                                      |         |         |
| Bucket model/width                 | JET               | 180                     |         |         | 230                     |          | 300                                      |         |         |
| Max buckets/m belt                 | pcs               | 8.5                     |         |         | 7.4                     |          | 5.9                                      |         |         |
| Buckets/m belt                     | pcs               | 4.5                     | 6.0     | 7.5     | 5.2                     | 6.5      | 4.0                                      | 5.0     | 5.9     |
| Bucket volume, net/gross           | litre             | 1.4/1.7                 |         |         | 2.4/3.0                 |          | 5.2/6.7                                  |         |         |
| Material thickness buckets         | mm                | 1.5                     |         |         | 2.0                     |          | 2.5                                      |         |         |
| Belt width                         | mm                | 200                     |         |         | 250                     |          | 330                                      |         |         |
| Belt type/standard                 |                   | EP 630/1                |         |         | EP 630/1, EP 800/1      |          | EP 630/1, EP 800/1, EP 1000/2, EP 1250/2 |         |         |
| Leg, width/depth                   | mm                | 300/230                 |         |         | 350/250                 |          | 430/310                                  |         |         |
| Plate thickness, head/boot         | mm                | 3.0                     |         |         | 3.0                     |          | 4.0                                      |         |         |
| Plate thickness, legs              | mm                | 2.0                     |         |         | 2.0                     |          | 2.0                                      |         |         |
| ATEX class (standard equipment)    |                   |                         |         |         |                         | II 3D/OD |  |         |         |

# SEH DIMENSIONAL DRAWING



|   | 50/18       | 50/23       | 63/30       |   | 50/18    | 50/23    | 63/30     |
|---|-------------|-------------|-------------|---|----------|----------|-----------|
| A | 1470        | 1570        | 2020        | K | 1645     | -        |           |
| B | 505         | 525         | 650         | L | 1420     | 1850     |           |
| C | 700         | 840         |             | M | 535      | 631      |           |
| D | 1050        | 1100        | 1370        | N | 496      | 850      |           |
| E | 230         | 250         | 310         | O | 1110     | 1150     | 1400      |
| F | 300         | 350         | 430         | P | 750-1225 | 850-1310 | 1000-1360 |
| G | 340         | 400         | 600         | Q | 397      | 430      |           |
| H | 750         | 800         | 1025        | R | 850      | 1055     |           |
| I | □180<br>834 | □250<br>799 | □300<br>853 | S | 300      | 350      | 430       |
| J | 680         | 700         | 890         | T | 513      | 564      | 696       |

