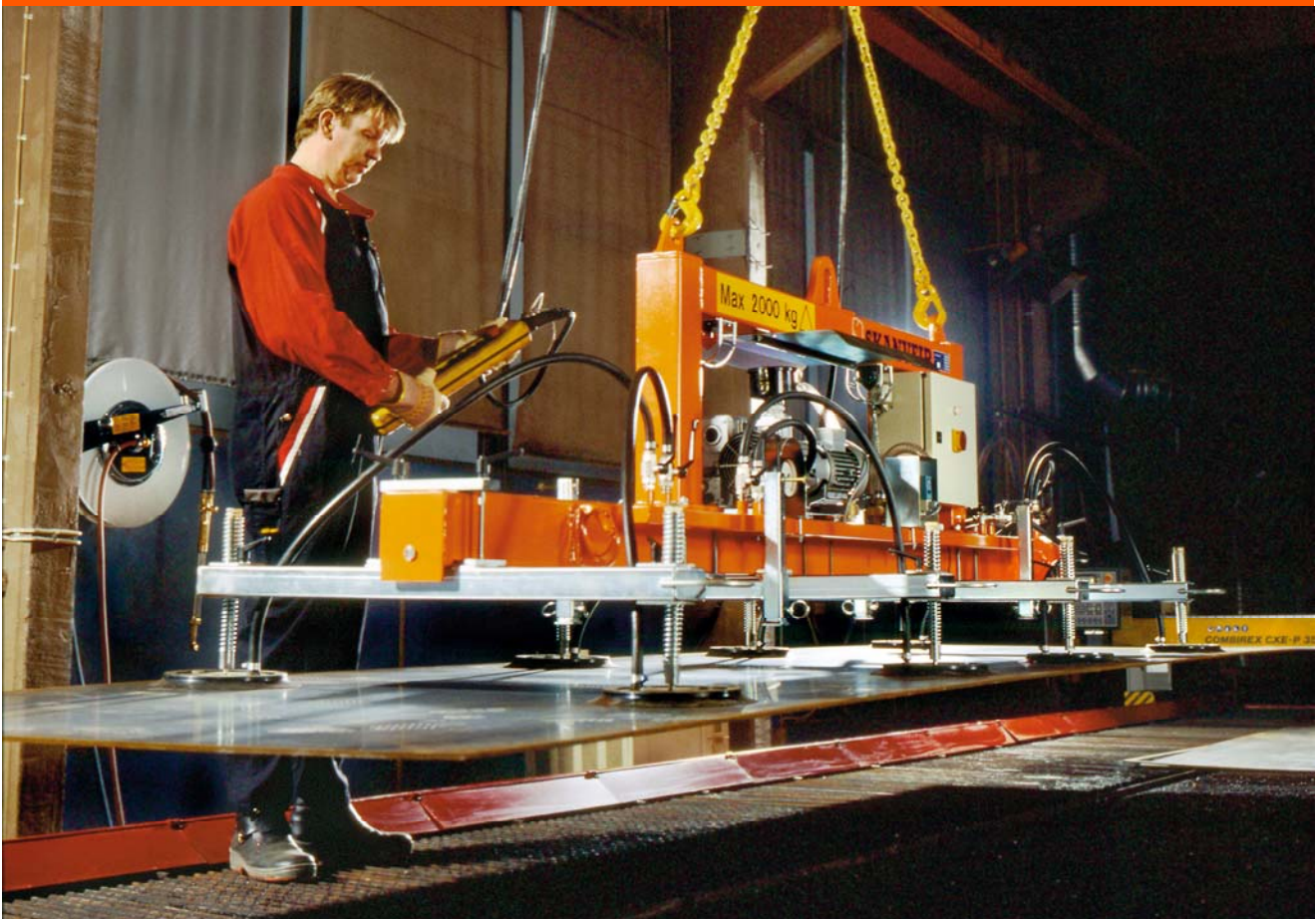


# TANTOR VACUUM LIFTERS

Standard series for loads up to 20 tons



Skanveir Tantor vacuum lifter makes lifting and handling of plates easy and fast. One operator can handle large, heavy plates ergonomically and safely.

Only the upper sheet is taken by the vacuum lifter, thereby eliminating the complicated and time-wasting task of separating the sheets in order to attach them to chains or clamps.

Use of the vacuum lifter will avoid such damage as scratching and bending.

The lifter can be unhooked easily from the crane, allowing the use of crane for other lifting needs.

## Choose the safe Skanveir Tantor

Tantor vacuum lifter complies with the requirements of European safety standard EN 13155 (Cranes. Safety. Non-fixed load lifting attachments.). Safety factor of every Skanveir lifter is at least 2. Load release is done by two-action control. At energy supply failure, Tantor is capable of holding the load for 20 minutes.

## For heavy-duty lifting

- Tantor vacuum lifting beams are engineered for demanding industrial duty. Its robust construction, high quality components, and excellent surface treatment ensure long troublefree operation.
- Tantor standard series vacuum lifting beams are applicable to plate lengths from 3 to 15 meters and weights from 1,2 up to 20 tons.
- Reliable vacuum suction pads that resist oil and wear. Special material pads for hot plates.
- Double spring attachment of suction pads. The upper springs allow equally distributed loading for each suction pad. The lower springs ensure an easy grip on bent or curved surfaces.
- Distance between the suction pads can easily be changed to suit different plate sizes.
- Each suction pad can be switched off independently.

## Standard features

- heavy duty industrial construction
- articulated and spring-dampened suction pads that grip also to curved surfaces
- easily adjustable location of suction pads with quick releases
- manual cut-off valve at each suction pad allows disconnecting the pad when lifting plates of irregular shape
- optical alarm with independent power supply and charging system
- double point fastening to crane hook(s)
- painted frame that acts also as a vacuum receiver
- zinc-passivated suction cup shafts and springs

## Options

- operating handle
- controller with suction / load release buttons and 5 m cable
- water separator
- additional lifting hooks
- acoustic alarm
- support legs

## Technical data / Tantor vacuum lifters for 6 m long plates

Technical data	T1206	T1606	T2006	T2406	T3206	T4006	T3606	T4806	T5406	T7206
Norminal lifting capacity <sup>1)</sup> / kg	1200	1600	2000	2400	3200	4000	3600	4800	5400	7200
Rec'd minimum plate thickness / mm	3	3	3	3	3	3	3	3	3	3
Number of suction pads / pcs	6	8	10	6	8	10	6	8	6	8
Suction pad diameter / mm	300	300	300	400	400	400	500	500	600	600
Beam length <sup>2)</sup> / m	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Cross-beam length <sup>2)</sup> / m	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Total height / mm	1010	1010	1210	1010	1210	1210	1210	1210	1300	1300
Weight appr. / kg	270	310	360	290	440	480	440	500	550	690

## Technical data / Tantor vacuum lifters for 12 m long plates

Technical data	T2012	T2412	T4012	T4812	T6012	T7212	T9012	T10812	T12612	T14412
Norminal lifting capacity <sup>1)</sup> / kg	2000	2400	4000	4800	6000	7200	9000	10800	12600	14400
Rec'd minimum plate thickness / mm	3	3	3	3	3	3	6	6	6	6
Number of suction pads / pcs	10	12	10	12	10	12	10	12	14	16
Suction pad diameter / mm	300	300	400	400	500	500	600	600	600	600
Beam length <sup>2)</sup> / m	10,0	10,0	10,0	10,0	10,0	10,0	9,0	9,0	9,0	9,0
Cross-beam length <sup>2)</sup> / m	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Total height / mm	1300	1300	1400	1500	1500	1500	1500	1600	1600	1600
Weight appr. / kg	790	830	810	860	950	1000	1160	1250	1500	1600

<sup>1)</sup> Nominal load bearing capacity for horisontal lifting with safety factor 2.

<sup>2)</sup> Also other beam and cross-beam lengths available.

Above tables contain a selection of Tantor vacuum lifters. Ask for the other combinations of suction pads and beam lengths!

Skanveir Oy manufactures vacuum and magnetic lifters and portals for plate, element, panel and timber handling. The company has over 30 years of experience in it's field. The customers are mostly found in metal working companies, steel service centres, shipyards, element factories and sawmills.