



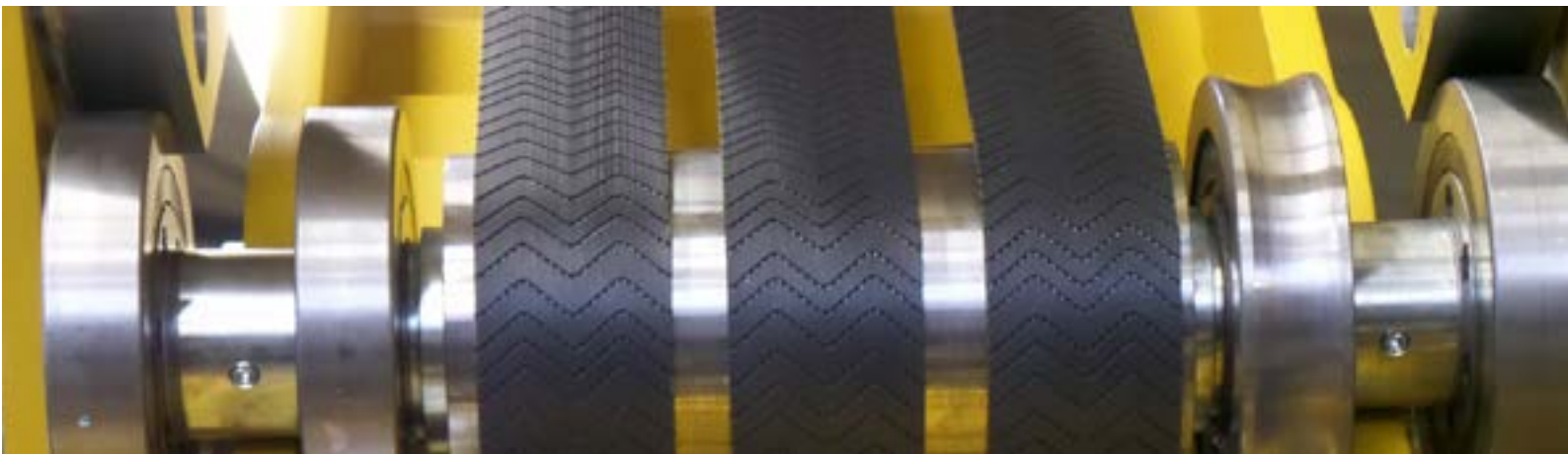
Fast - Safe - Easy to Maintain

The Scissors Lifting Tables with Σ -drive

HECKERT ORIGINAL The new dimension of lifting

As pioneer of the belt-driven lifting tables we see it as our duty to redefine the everyday process of lifting. Our flatbelt lifting tables with the patented **Σ -drive** (Sigmadrive) we developed for the future requirements of the automotive industry, like increased process speed.

The HECKERT ORIGINAL lifting tables with **Σ -drive** are made for maximum precision, highest worker safety and least maintenance. This makes our lifting tables the best in total cost of ownership.



HECKERT ORIGINAL The first belt-driven scissors lifting tables - worldwide

Since we developed the first belt-driven scissors lifting table in 1998 our motivation was to eliminate the disadvantages of hydraulic and ball screw tables. Due to this vision we created the first belt-driven scissors lifting table. No more oil leakage, no broken sealings and no more broken balls from the ball screw. The whole conveyor market was excited by the first HECKERT ORIGINAL lifting tables.

We defined a new standard in lifting technology with the high precision, the low wear and low maintenance drive solution.

Today we are proud to present our patented **Σ -drive** - the best drive solution for a lifting table.

With all our today's development there's only one original, the flat-belt lifting table from Heckert Engineering GmbH with **Σ -drive**.

HECKERT ORIGINAL defines the worldwide standard for safe scissors lifting tables.

HECKERT ORIGINAL Σ -drive The lifting table-innovation

The Σ -drive was designed on behalf of the automotive industry. Highest reliability, longest possible maintenance intervals, shortest maintenance-time and highest operational reliability.

Constant Torque

Constant Torque Technology provides a constant torque and a constant lifting speed for the whole stroke, with result of low energy costs and a smooth lifting process even in critical applications.

Repeating accuracy

The use of high performance ropes in the flat-belt provides exact positioning even after thousands of cycles.

Safety

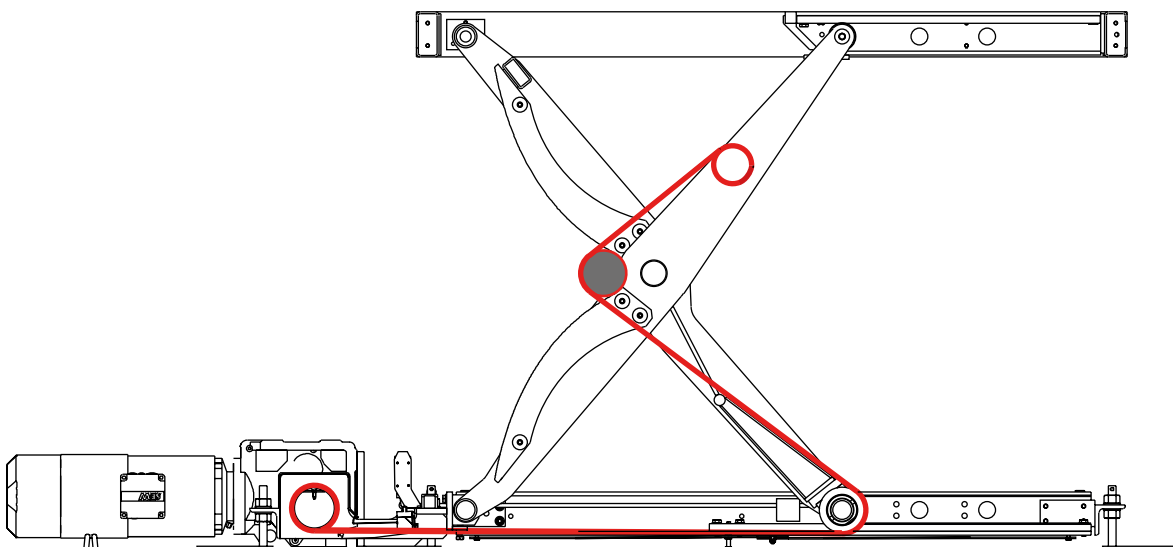
In areas where people are working on automatic lifting tables we offer with the DM-series a lifting table which surpasses the **EN 1570**. With safety features like the fail safe frequency inverter and the safety factor > 10 in the flat-belts we can ensure Performance Level „d“.

Maintenance and repair

- toolfree change of the most important unit - the expanding shaft. No adjustment after the change required
- quick pull-off for motor with hollow shaft
- the track rollers changeable in any lifting position
- the force-transmission of the belts only by friction

Costs

With the advantages of our Σ -drive we reduce the TCO (TCO - Total Cost of Ownership).





The advantages of Σ -drive

- Highest reliability and performance
- fast and silent lifting process
- constant torque and constant speed
- low energy costs
- no limit of lifting cycles per day or hour
- precise stop and positioning
- highest stability in every position
- optimal emergency operation
- the most important parts are changeable within minutes
- tool-free changing of the expanding shaft
- easy access to all components
- safety equipment according to EN 1570
- 5 years of manufacturer warranty*

* according to our warranty conditions

Type overview „Standard“

| Nutzhub / Lifting height | Nutzlast/ Pay load | bis / up to 1000 kg | bis / up to 1500 kg | bis / up to 3000 kg | bis / up to 4000 kg | bis / up to 5000 kg | bis / up to 6000 kg |
|--------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| bis / up to 1000 mm | | 13.10 | 13.15 | * | * | * | * |
| bis / up to 1200 mm | | 16.10 | 16.15 | 16.30 | 16.40 | 16.50 | 16.60 |
| bis / up to 1800 mm | | 25.10 | 25.15 | 25.30 | 25.40 | 25.50 | 25.60 |
| bis / up to 2400 mm | | 32.10 | 32.15 | 32.30 | 32.40 | 32.50 | 32.60 |
| bis / up to 3000 mm | | * | 40.15 | 40.30 | 40.40 | 40.50 | 40.60 |
| bis / up to 3800 mm | | * | 50.15 | 50.30 | * | * | * |
| bis / up to 4500 mm | | * | 60.15 | 60.30 | * | * | * |

* on request

Optional equipment

- frequency inverter
- EN 1570 safety equipment
- safetycontroller for frequency inverter
- safety bar
- bellows
- doublemotor
- universal joint for external motor

HECKERT ORIGINAL

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