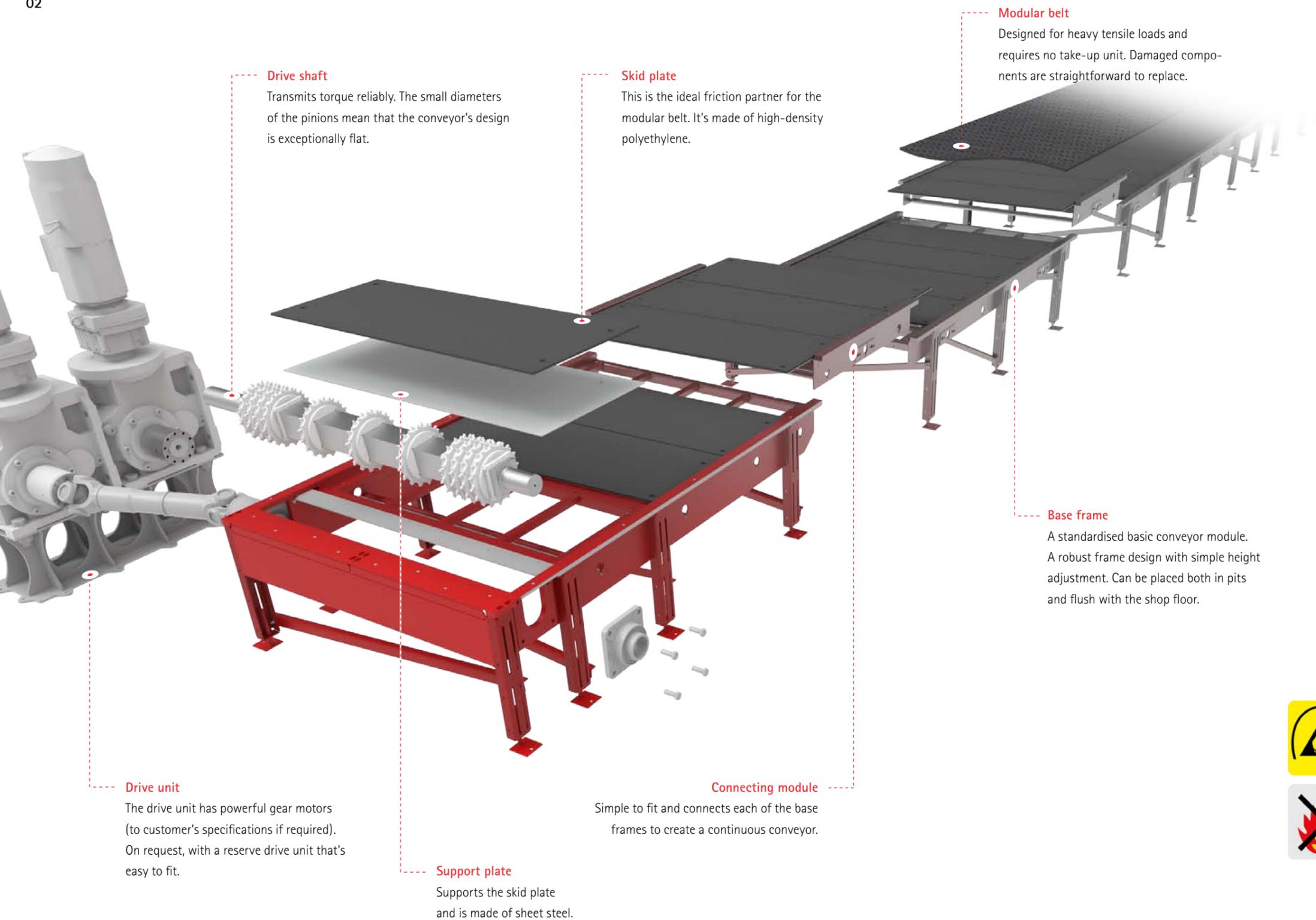




# MINDA SOLUTIONS.

Heavy-duty conveyors for the automotive industry



## Modular heavy-duty conveyors

From car body construction to final assembly, MINDA gets production moving. The clever part is that the heavy-duty conveyors are based on an innovative modular system.

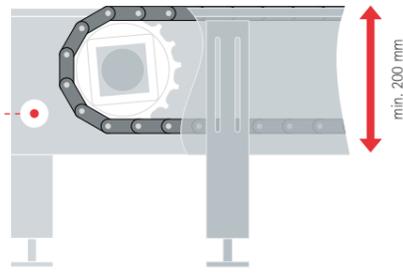
- > Low overall height, superior load capacities
- > Many different widths and lengths
- > Can be fitted flush with the floor or elevated
- > Quick to fit and commission
- > Reliable and with little maintenance required



The consistently modular design keeps the number of mechanical and control components low. This makes warehousing spare and wear parts less complicated. If required, the conveyors can be extended or shortened and are therefore prepared for tomorrow's demands. The entire heavy-duty conveyor has B1 certification to DIN EN 13501-1 and is ESD-compliant.



For more information on and an interactive animation about our heavy-duty conveyors and where it can be used, go to:  
[www.minda.com/en/automotive-industry](http://www.minda.com/en/automotive-industry)



#### Low overall height

Drive components are laid out in a compact way so that the conveyors are particularly low in height. Depending on performance requirements, MINDA can calculate the lowest possible installation height on request.

#### All-round assembly

MINDA heavy-duty conveyors can be accessed from all sides, therefore allowing assembly at the front and rear of the vehicle body.

#### Very stable

The modular belt's slip-resistant surface (R10 to DIN 51130:2014-2) gives assembly workers a secure and comfortable place to stand and walk on.

## Usage example Skid conveying

When it comes to productivity, MINDA heavy-duty conveyors have one key advantage in skid conveying: with continuous feed, assembly can be carried out from the side, front and rear.

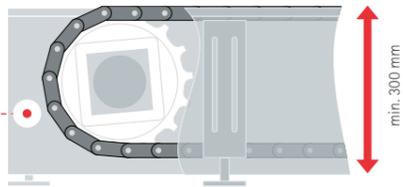
- > Skid conveyors allow walk-on assembly
- > Ideal in combination with people-mover conveyors
- > Skid cross conveying is possible from the same system
- > Low overall height



Combining them with MINDA manrider conveyors creates exceptionally productive and ergonomically perfect working conditions. Inclined sections of the manrider conveyors mean that conveying heights next to the skid conveyor can be perfectly adapted to suit different assembly jobs. As an alternative to manrider conveyors, permanent platforms without any conveying functionality can also be fitted.



Detailed information can be found in the following brochure:  
**Manrider conveyors**



#### Low overall height

The minimum overall height mainly depends on the conveyor's length, width and load. Minimum overall heights for assembly and inspection belts are 300 mm without any elevation. Therefore, the pit depth required for ground-level conveying is low.

#### Maximum space to work on

Thanks to belt widths of up to 4 metres, MINDA assembly and inspection belts provide plenty of space for workers to operate on – even if the vehicle doors are wide open.

#### Room to manoeuvre if required

Platforms adjacent to the conveyor (as pit covers or elevated) give workers more room to manoeuvre.

## Usage example Assembly and inspection belt

With assembly and inspection belts for vehicles and workers, MINDA heavy-duty conveyors score top marks for their low overall heights and broad belt widths.

- > Vehicles and workers conveyed ergonomically on one single belt
- > Comfortably wide belts with huge room to manoeuvre
- > A version to prevent damage from water that accumulates is also available
- > Low overall height/pit depth



The conveyors can be supplied with stainless steel rollers and galvanised frames to prevent any water accumulating in the conveyor during leakage tests.

To convey vehicles wherever leakage tests are carried out, MINDA supplies two-track belts, which have demonstrated a solid performance in hundreds of car washes.



Detailed information can be found in the following brochure:

Conveying technology for car washes



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**MINDA**