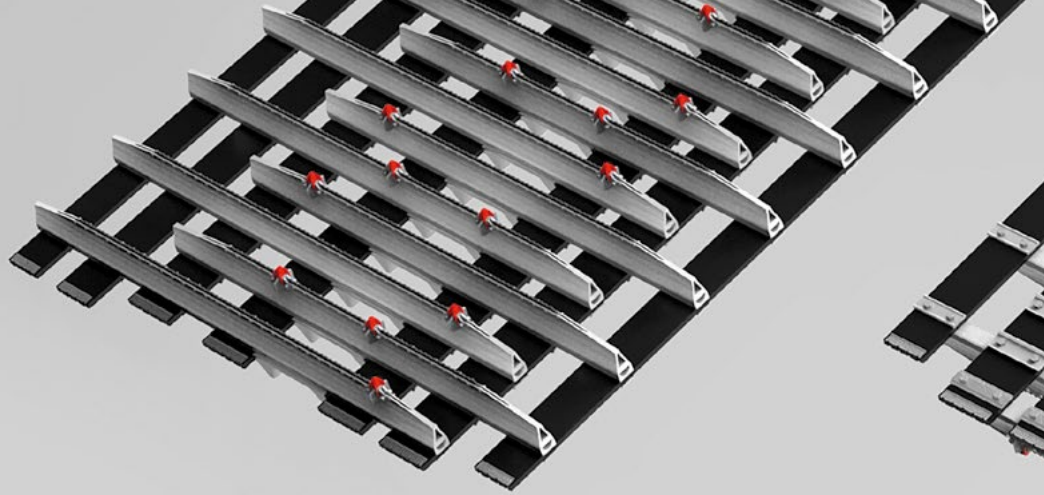


PistenBully®

7-Belt CombiPlus Track



# Highlights 7-Belt CombiPlus Track

## Best gradability on the market

## 5 patents

TOP **Drive wheel**
Patent on noise-reducing contact area

TOP **Cleat geometry**
Patent on the cleat geometry of the 7-Belt CombiPlus Track, the new spikes and their central position on the cleat

TOP **Track joint**
Patent on compacted joint

TOP **Track band arrangement ("tread distribution")**
Patent on the system of the 7-Belt CombiPlus Track with 4 main and 3 side belts and their arrangement.

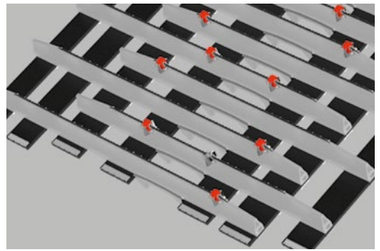
TOP **Wider guide unit**
Patent covers the geometry and the fact that, despite wide spacing, there is only the smallest possible distance before contact is made with a guide unit. A plus for smooth running.



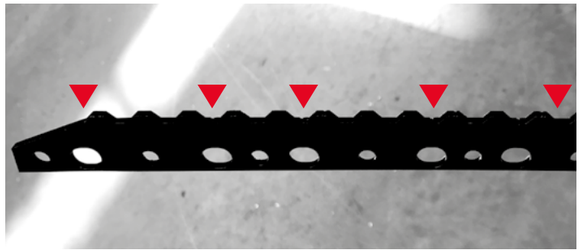
01 Conventional guide unit (5-belt track)



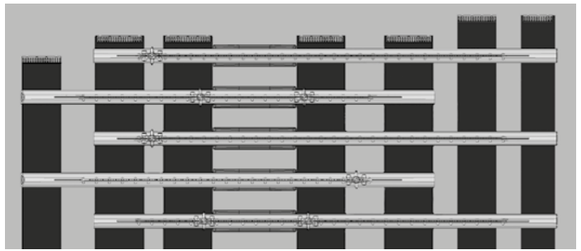
02 High-performance guide unit with honeycomb structur (7-belt track)



03 7-belt combiPlus track with spikes



04 Central toothed strip pre-drilled for additional hardware



05 Optimised belt spacing for even weight distribution on the tracks

# Technical data

## PistenBully 7-Belt CombiPlus Track

**Spacing**
- 135-mm spacing
- 68 cleats per track
  - ▸ Unique selling point:
    - · Best gradability on the market
    - · Best thrust performance on the market

**High-performance guide unit with honeycomb structure *(Illustration 02)***
- Openings to save weight

**Easy-to-install grouser**
- With bolt guidance (centre support)
  - ▸ no tilting

**Bolted cleats, guide unit and supports with extremely high tightening torque**
- M12 10.9 guide unit bolts
- M12 10.9 belt bolts
- Fully automated assembly with torque controlled electronically
- Weight-saving aluminium supports on the outside that are gentle on the frame

**Left and right tracks identical**
- Fitting and wear strip
  - ▸ free of running direction

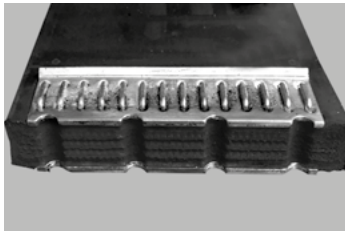
**Central toothed strip *(Illustration 04)***
- Pre-drilled for additional hardware

**Fitting**
- Combined fitting (lateral guide and spike in one)
- Spike: Carbide tip of high-performance wear-resistant steel with support function on the cleat
- Plastic spike protector as belt protector with simple click system, reusable
- Additional hardware (spike, sidehill holder) prepared

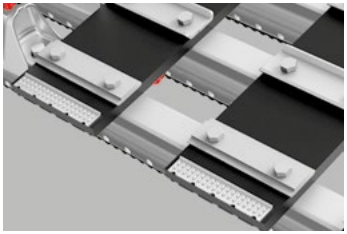
**Track design *(Illustration 05)***
- Optimised belt spacing for even weight distribution
- Consistent 15-mm belts (all 7 belts)
- 3 strong layers per belt

**Many common parts**
- 2 cleat lengths each with single/double fitting
  - ▸ max. 4 spare cleats

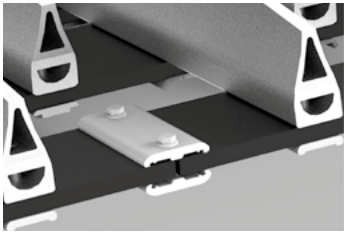
**No variations**
- Universal tracks



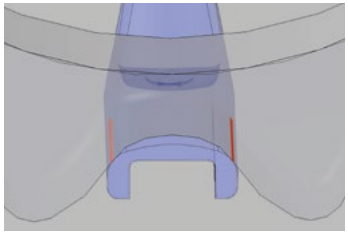
06 Compacted joint with 3 strong layers



07 Joint support



08 Compacted joint pre-fitted



09 Drive wheel by 2 lines of support

KGF 08 /2017

# Technical data

## PistenBully 7-Belt CombiPlus Track

**High-performance joint** ***(Illustration 06, 07, 08)***

- Belt ply protective fixing
- Track lacing without relative movement
- Uniform pulling force on all belt layers (no Z-bend)
- Avoidance of pitch errors
  ▸ longer service life

**Drive wheel** ***(Illustration 09)***

- 2-line support
- The grousers run on and off the sprocket at an optimum level
  ▸ smoother running

KÄSSBOHRER GELÄNDEFAHRZEUG AG

**Kässbohrer Geländefahrzeug AG**
Kässbohrerstraße 11, 88471 Laupheim
Telefon +49 (0)7392 900 - 0, Telefax +49 (0)7392 900 - 445
info@pistenbully.com, www.pistenbully.com

TELEMET
Efficiency Through Simplicity™

## Advice, spare parts and service

**Telemet · Office in Chile**

Los Canteros 8723, La Reina, Santiago 7880414, Chile

Phone +56 22 356 2735

info@telemet.com

**telemet.com**