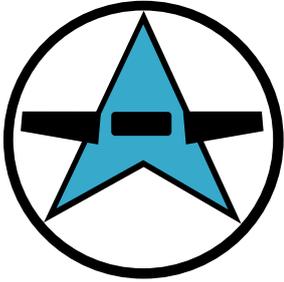




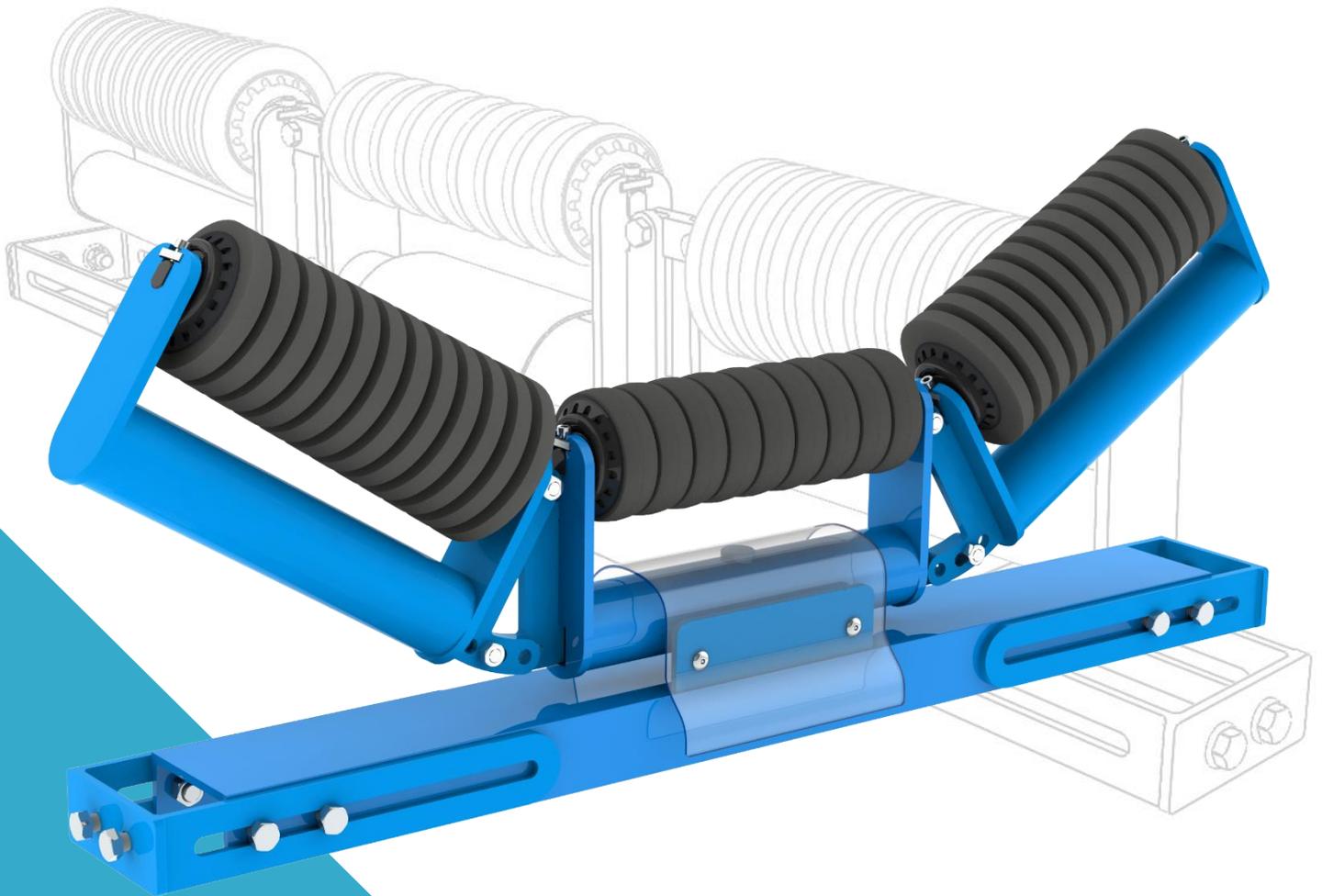
TECHNICGUM  
POLYMERES

56, CHEMIN DE CASTEAU  
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Email : info@tgipoly.com



STAR Tracker®

European registered design

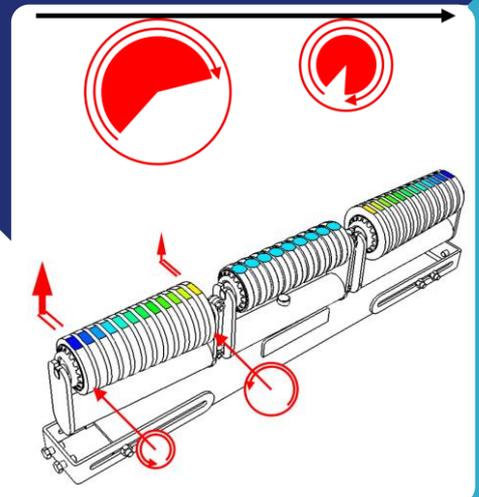
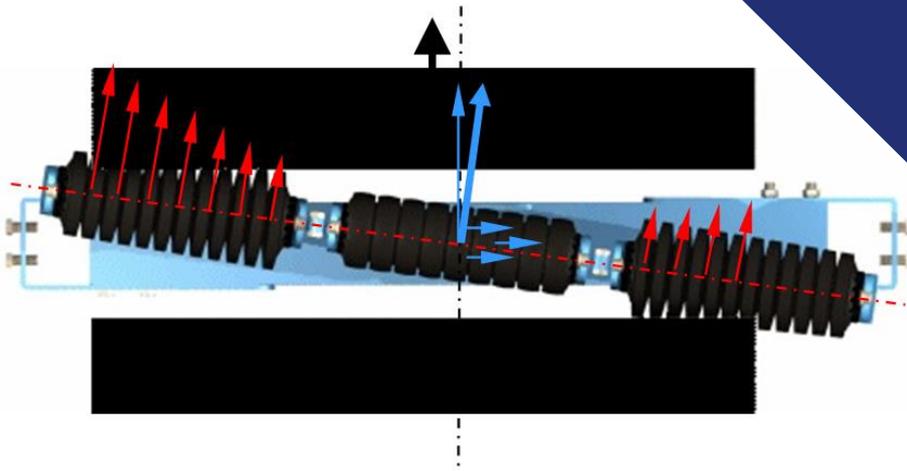


High performance self  
centerer by proportional  
and continuous action



Designed by TechnicGum in Belgium  
Made & Assembled in European Union

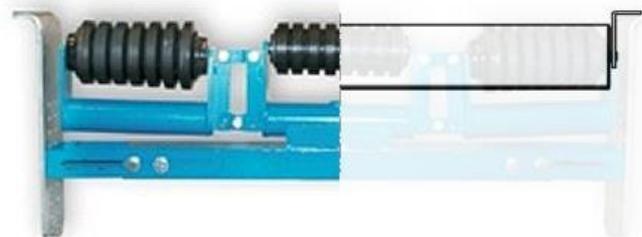
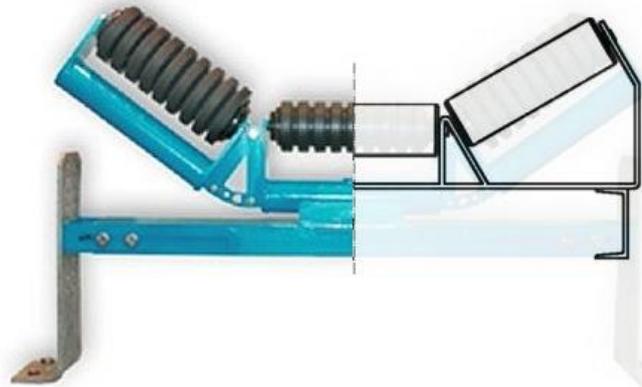
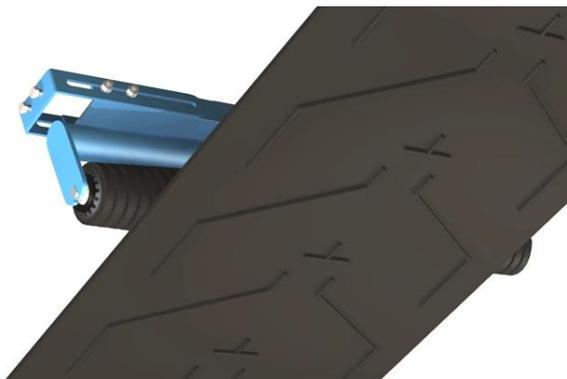




« For a same belt distance covered,  
an idle with a smaller diameter turns faster than a larger one »

Thanks to their conicity, when the belt veers, the idle which is on the veer side accelerates whereas on the other side the idler slows down. This speed and friction difference creates a force imbalance which allows the upper part of the STAR tracker® to rotate proportionately to the veer and thus, pushes the belt towards the center until it finds the perfect balance again.

The STAR is the first self-centerer in the world to have used this principle and to propose several models of which the standard entirely adjustable « STAR tracker® »



- Works flat or troughed
- Equipped with an anti-clogging skirt
- Equipped with retaining locks for idlers
- Large variety of idlers quality
- Strong structure, reinforced version available
- Works head down on chevron belts
- Symmetrical : centering belts with double direction of flow
- Economic by only replacing idler in a few minutes

# Options and accessories

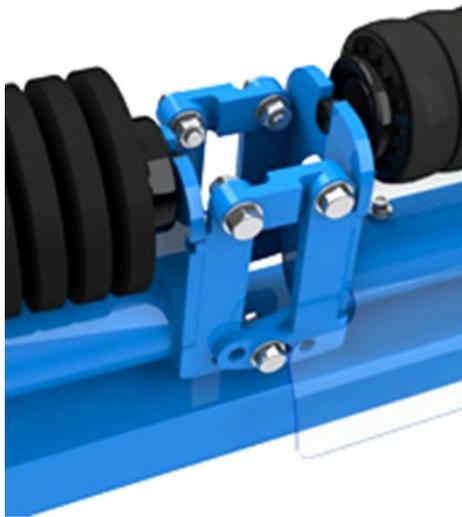
## Support leg

flat pre-drilled  
easy installation



## Reinforced STAR tracker®

For large installations  
in standard limits

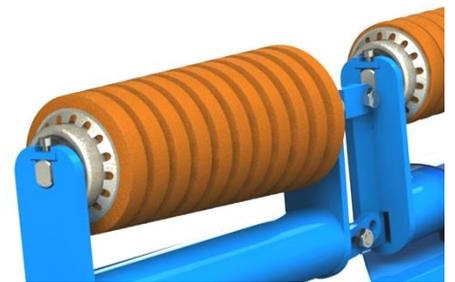
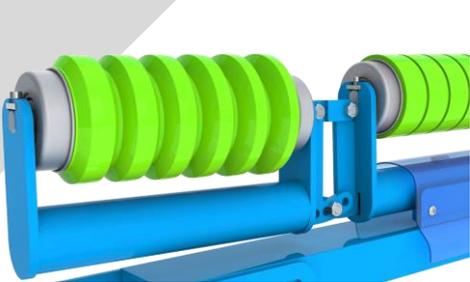


## Security clog

When belt is very  
damaged



Polyurethane idlers, rubber for food use, nitrile rubber, etc...



# General information

	500	650	800	1000	1200	1400	1600	1800
Flat return belt	Size 0	Size 1 long mode	Size 2 long mode	Size 3 long mode	Size 4 long mode	Size 5 long mode	Size 6R long mode	Size 7R long mode
Trough top belt	Size 1 trough mode	Taille 2 trough mode	Size 3 trough mode	Size 4 trough mode	Size 5 trough mode	Size 6R trough mode	Size 7R trough mode	X

### Use limits :

Belt speed slot : 0,5 m/s to 3 m/s  
Possible load slot : 15 kg to 120 kg  
Temperature use slot : -10°C to +70°C  
pH exposure slot : 3 to 11

### Reminder (see note) :

Angle of 90° with belt  
Uniform pressure  
Clean belt

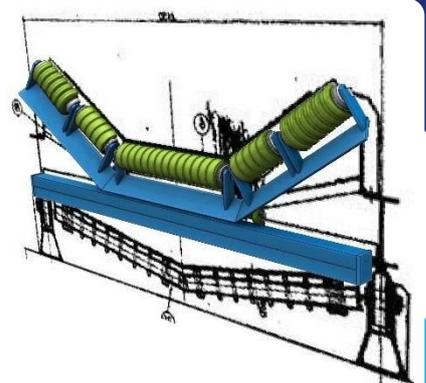
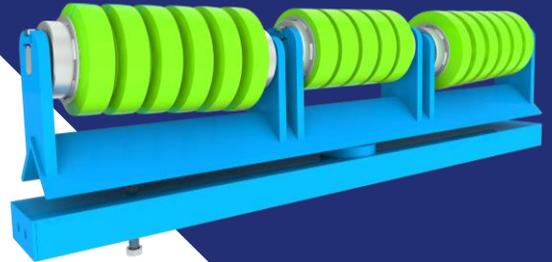
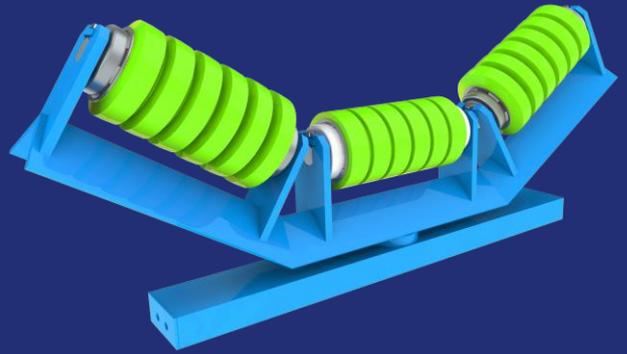
### Do not expose to :

Standard version to corrosive atmosphere  
Rubber idler to oils, grease, hydrocarbide  
Polyurethane idler to Water steam, sea water



# STAR HD

Belt of 1000 to 1600  
For heavy installation  
Supports up to 500kg to 5m/s  
Manufactured on demand



# STAR TECH

Dimensions, Width, Shapes and characteristics made to measure  
You ask, we design and produce



Pictures :

Incineration BW 2300 flat at 6 m/s ; Mine BW2000 inverted mounting at 5,5 m/s ; Mine BW2000 troughed garland at 5 m/s  
Mine BW2200 flat at 6 m/s ; Steel Industry BW1800 U shape at 6 m/s ; Mine BT2200 irregular U shape at 7 m/s