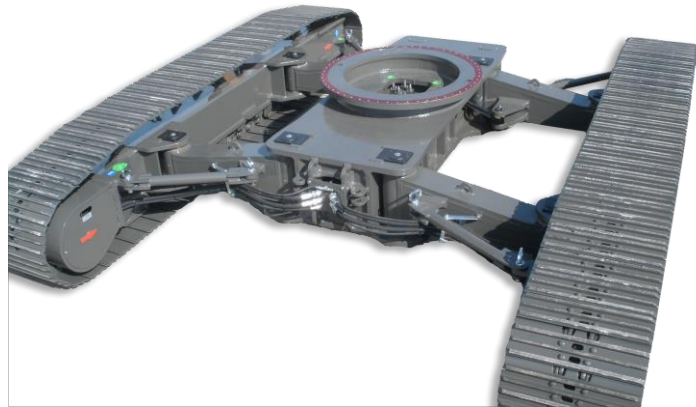


# PANTOGRAPH UNDERCARRIAGE

The undercarriage with pantograph widening system is the **most original and performing** type of undercarriage.

Here the left and right crawlers are connected to the central chassis by means of four arms, linked with pins. Two cylinders are used to widen the crawlers.



It has **much bigger extended width** compared with a standard extendable undercarriage. **Up to 2500 mm of extension!!**

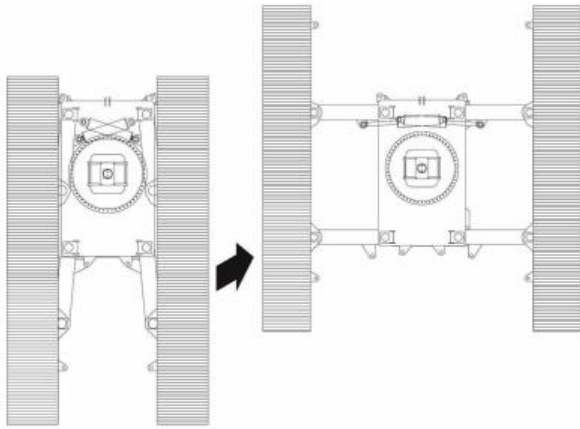
Suitable for **applications which needs big stability** and big supporting base. This undercarriages is well used on **cranes**.

- **Big widening** of external width
- **High supporting surface**: higher stability and higher performance during working operation
- **High precision** of widening system, due to mechanical tooling, consequently with no plays
- Undercarriage **center of gravity position** (different from undercarriage closed and open), suitable for particular applications.



*Application on crane*

## How does it work ?



*Functional sketch of pantograph undercarriage*



## Some applications of pantograph undercarriages:

### 60 ton machine (Crane)

Operating weight: 60 ton

External width: from 3500 to 5950 mm (shoes 900mm)

Widening: 2450 mm

### 70 ton machine (Crane)

Operating weight: 70 ton

External width: from 2980 to 5330 mm (shoes 800mm)

Widening: 2350 mm

Widening with similar telescopic undercarriage: 1350 mm

### 50 ton machine (Drilling Rig)

Operating weight: 50 ton

External width: from 2700 to 4200 mm (shoes 800mm)

Widening: 1500 mm

Widening with similar telescopic undercarriage: 1200 mm

**For any information  
contact our Sales Team!!**

**[www.tracmec.com](http://www.tracmec.com)**