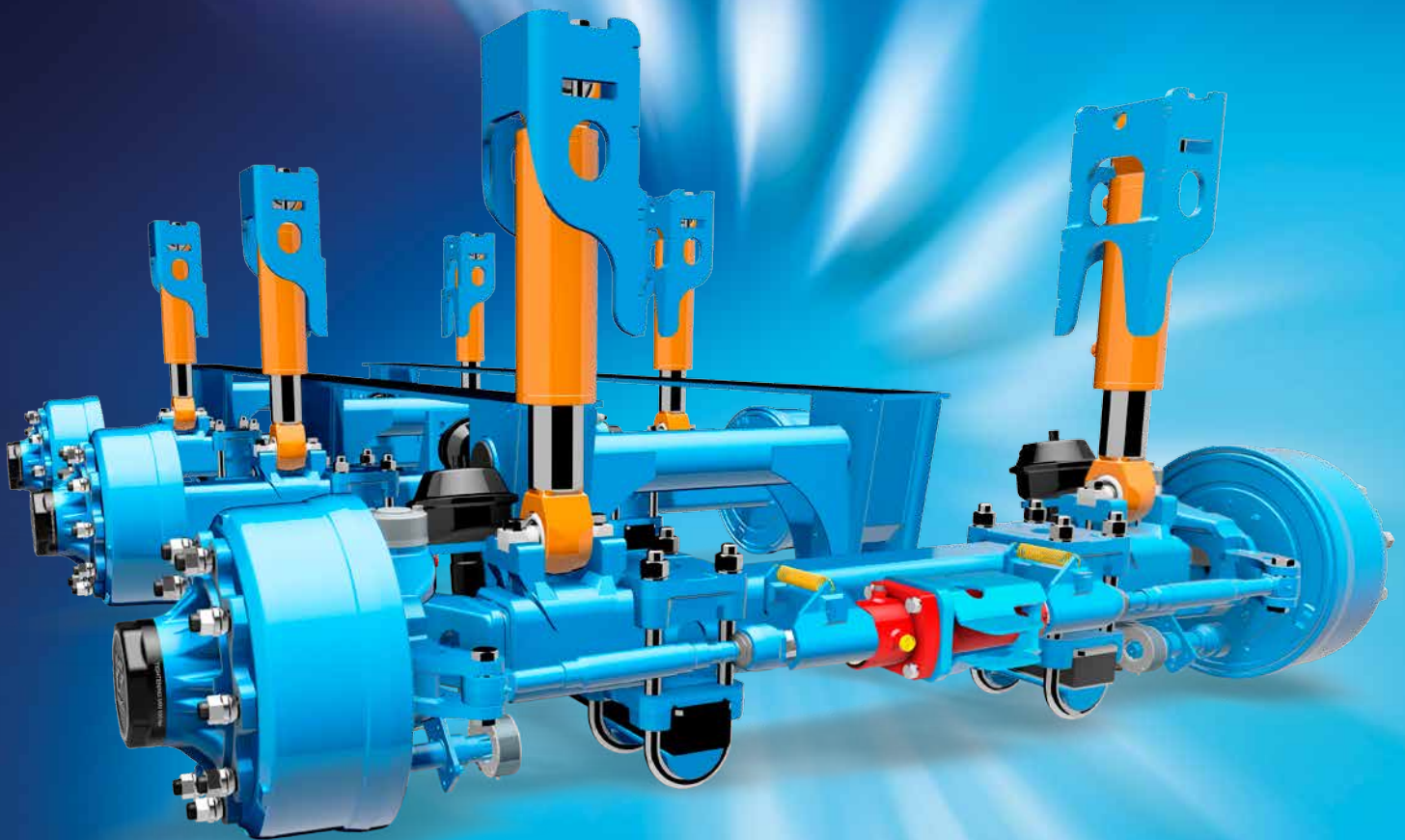


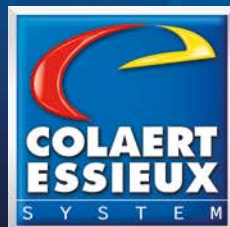


hydraulic suspension

FIRST V2



Optimized hydraulics



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FIRST^{v2} Hydraulic suspension



With strong experience acquired during more than 15 years in manufacturing hydraulic suspensions COLAERT ESSIEUX is pursuing its development policy by proposing a simpler and accessible hydraulic suspension.

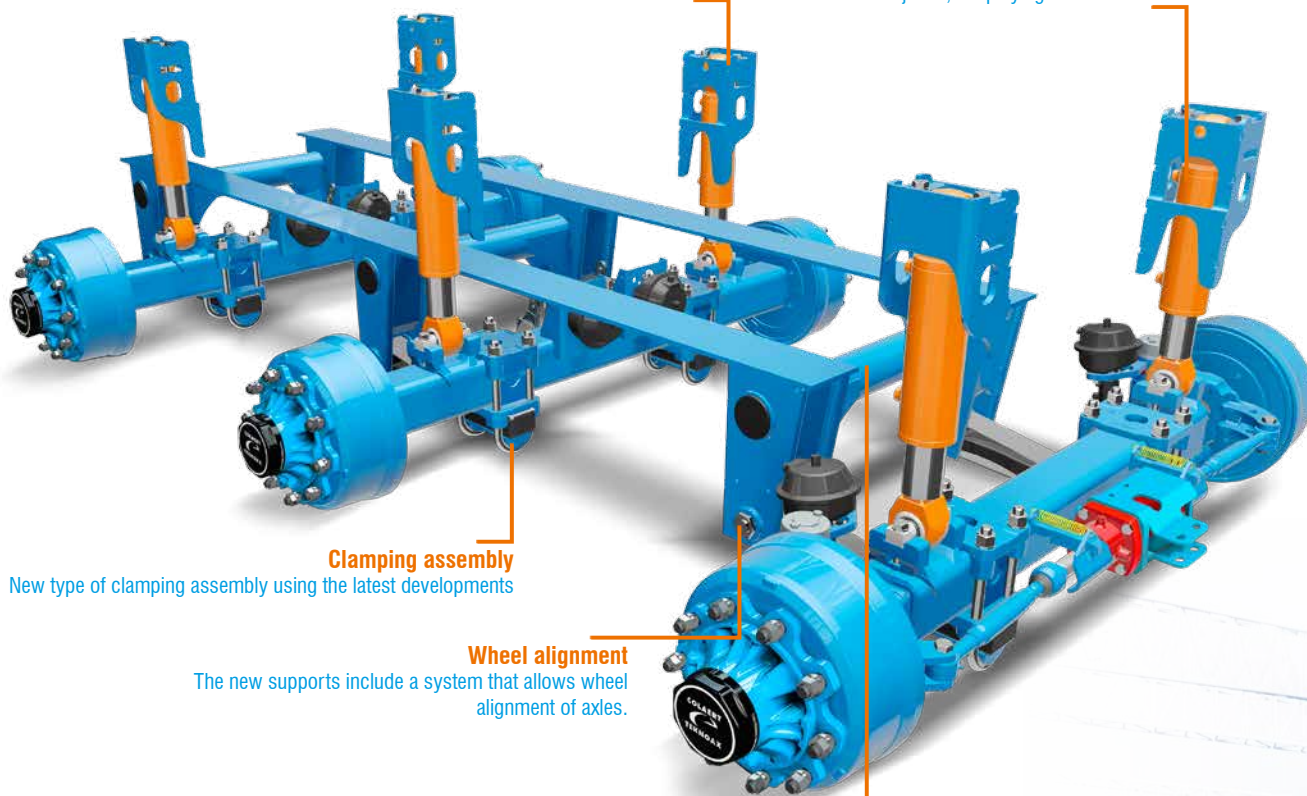
The **FIRST** suspension has evolved into a version **2** for more efficiency and technical innovations. (hydraulic cylinders with elastic joints, wheel alignment, rams fixation with bolts, weight gain...)

Supports

With the new supports installing or removing the cylinders is simpler thanks to the use of bolts.

Cylinders

The **FIRST^{v2}** suspension uses new cylinders equipped with elastic joints, simplifying the maintenance.



Clamping assembly

New type of clamping assembly using the latest developments

Wheel alignment

The new supports include a system that allows wheel alignment of axles.

Reinforcements

The new reinforcements between the shackles are round tubes allowing a better resistance against suspension deformation.



HYDRAULIC SUSPENSION

FIRST

v2

Optimized hydraulics

The **FIRST v2** suspension is the best solution for transport.

The **FIRST v2** suspension is available with standard fitting or underslung mounting in demi-tandem, tandem and tridem configuration. It allows the use of the whole range of the COLAERT ESSIEUX axles.

It is possible to choose simple or two way-effect cylinders.

Like all of our hydraulic suspensions, it benefits from an excellent ease while travelling and allows to obtain a good stability on country roads.

The hydraulic suspensions allow a balanced load distribution on the axles too, and thus guaranteeing optimal brake efficiency.

“more
efficiency
and
technical
innovations”

• The **FIRST v2** suspension strengths

- **Weight gain**

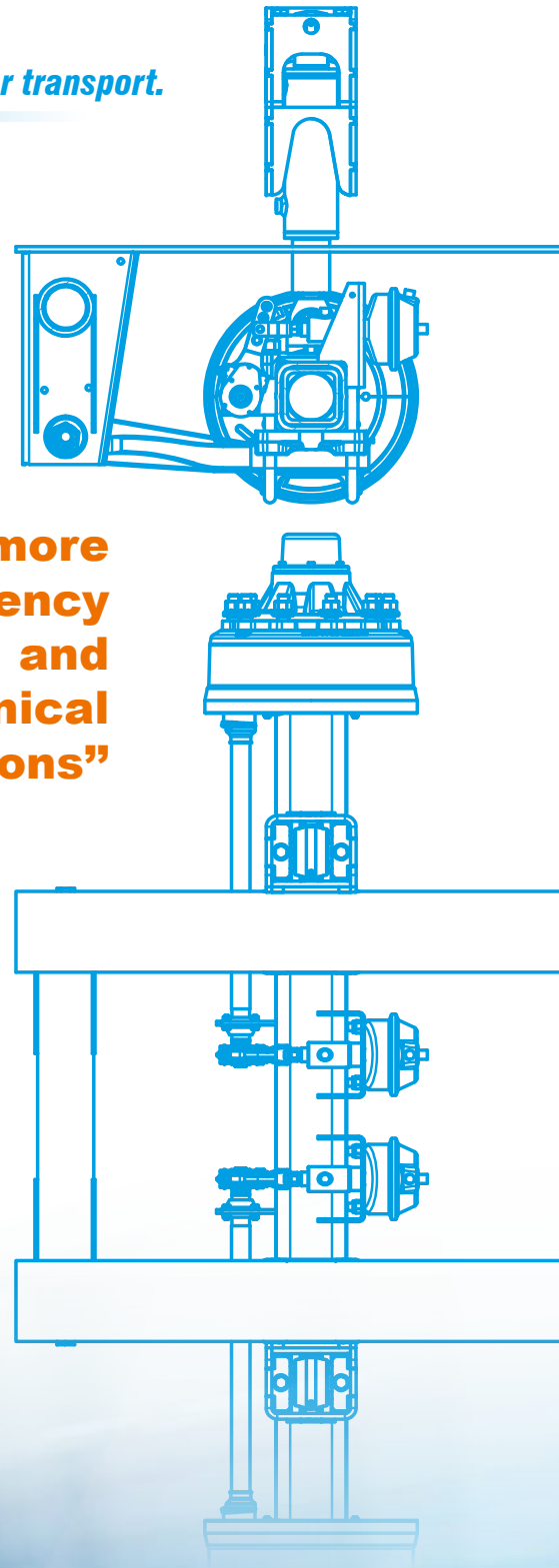
- Lighter than a mechanical suspension or HydrOK equivalent
- The single-blade springs and the new type of clamping assembly enable a weight gain too.

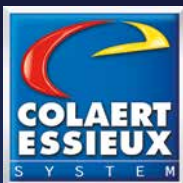
- **Simple hydraulic system**

The **FIRST v2** suspension is of passive type.
As it is independent, there is no need of complex system.

- **Reduced maintenance**

Thanks to the use of elastic joints the **FIRST v2** suspension only needs a reduced maintenance.





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