

# AGRAR NEWS

An information about Schneider agricultural devices

## Springs:

### For difficult terrain !

While air springs dominate in road transport, leaf springs are often the first choice in agriculture and construction vehicles due to their **robustness** and **low maintenance**. Schneider springs are **easy to install** and have a **high fitting accuracy**.



The various designs are each designed **for different bearing spans and loads**. This allows you to reliably meet the individual needs of your customers. **The boogie spring is often recommended for tandem axles with only one spring per side.**



The **trapezoidal spring** is robust, cost effective and easy to repair. The individual layers of the spring are of equal strength throughout their length and are in contact with each other, resulting in **good inherent damping**.



The **parabolic spring** requires fewer spring layers than a comparable leaf-type spring. Its individual layers are rolled out parabolically. Varying the layer thickness results in a **constant stress ratio**.

At lower loads, it responds more smoothly **and provides a more comfortable ride**. It is also **lighter than a comparable trapezoidal spring** and has a **lower overall height**.



At [www.schneider-fc.com](http://www.schneider-fc.com) you will find the different springs with the most important characteristics such as nominal load, bearing span, layer thicknesses, installation dimensions and weights.

Custom springs are available for certain batch sizes. **Spring shoes** are available to match the spring connection, as well as **complete kits for single or tandem units**.



Schneider offers you planning security: springs and accessories are **available for decades** and generally **also at short notice**.