



Your sticker
Soben



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SCAN ME

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- Since 2005 -
soben
LANDING GEARS

DRONE & LIGHT AIRCRAFT LANDING GEAR



SOBEN, the specialist in innovative shock absorber

We design, develop and qualify landing gear
tailored to your specific needs.



We Assist Light Aircraft OEMs

- › ultra-efficient landing gear for your new light aircraft
- › development budget mastered, as well as series prices
- › we assist you with know-how and expertise on landing gear in development stage



Our Technical Advantages

- › 10 to 30% more energy dissipated vs. competitors : less structure fatigue + more payload possible + passenger comfort & safety increased + aircraft longevity extended
- › very light landing gear reknown for reliability and robustness



Your Economic Benefits

- › optimize your structure and maintenance costs
- › low cost design approach due to our automotive know-how
- › we are autonomous from development to qualification
- › we are specialist for prototyping and little series

Premium service and support for your project

We help you build the specification and the qualification plan.

We conform to aeronautical standards CS-23 and DO-160. Certified EN 9100 and ISO 9001

Dedicated expertise, development, test program and qualification and also series manufacturing from a single source !



Shock absorbers or complete landing gear with **up to 30% more energy dissipation**



LANDING GEAR

Landing gear of a 1,400 kg plane

Upon specification

- Oleo pneumatic shock absorber
- Complete landing gear for straight or pulled train
- Lift cylinder : hydraulic or electric
- Tailor-made solutions for your aircraft from 100 kg to 2 500 kg



Custom-made

Stroke : ± 1 mm to ± 500 mm

Effort : 10 N to 20 kN

Impact speed : up to 6 m/s

Temperature : - 54°C to + 220°C

SHOCK ABSORBERS

Shock absorber for a 1,400 kg plane



- › a team dedicated to the development of L/G
 - › expertise and assistance to design
- › full dev, tests, qualification, prototypes, series