

The innovative  
suspension  
fork

ISO 4210  
NF EN 15194



ARE YOU  
LOOKING FOR  
**AN INNOVATIVE,  
DIFFERENTIATING  
AND ADAPTABLE  
FORK FOR YOUR  
BIKES?**

The perfect answer  
to today's mobility needs

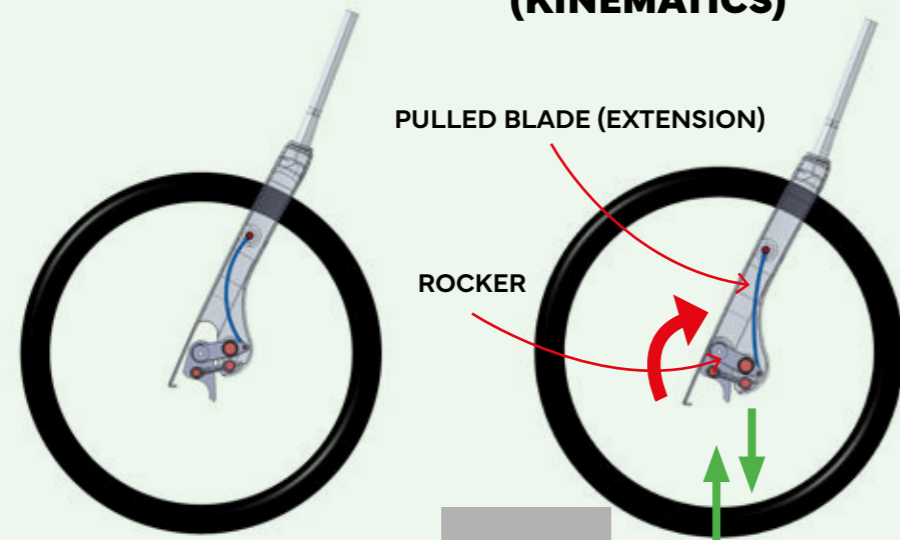
Comfort, reliability and large  
loading capacity

No adjustment  
or maintenance required

We already  
work with several brands,  
**why not yours?**

## Operation

### THE DAMPING SYSTEM CONSISTS OF A COMPOSITE BLADE AND A ROCKER (KINEMATICS)



Stretching of the blade (extension) by the action of the rocker under load

## Benefits of the fork

### COMFORT

- ✓ Elimination of friction and the release threshold
- ✓ Compensation for braking dive

### RELIABILITY

- ✓ Comfort time beyond than the life of the bike
- ✓ A single kinematics component (rocker arm)
- ✓ Maintains the bike's attitude
- ✓ No seals or corrosion

### LOADING CAPACITY

- ✓ Wide loading range without adjustment and with the same level of comfort (30kg to 120kg)

### INGENIOUS DESIGN

- ✓ Keep the bike's brand style from the front wheel to the rear wheel with standardized mechanism
- ✓ System protected inside the chassis (no wearing parts)
- ✓ Possibility of different frame sizes, designs, materials and shapes
- ✓ Single-arm : no need to remove the wheel for repairs, no visible screws : vandal-resistant. Dual arm option

### APPLICATIONS

- ✓ Available in city, gravel, cargo and sport versions
- ✓ Endless applications with simple integration (bi-arm, rear suspension, platform...)

## Design

Integration of frame and fork



**Technical specifications**

Damping system	Fork
Travel: 50mm	Weight 29" (for reference): 1,6kg
Internals weight (blade + mechanism): 0,7 kg	Wheel/tire up: 29"/2,6"- 27,5"/2,6" 26"/2,8" 20"/2,7"
Wheel assembly: standard "lefty 2" hub / two-arm axle	Axle to crown: 475 mm (for the current 29" frame)
160 mm postmount brake caliper	Offset: 44 mm (for the current 29" frame)
Anti-dive system	Tapered steerer (1"1/8 - 1"1/2) length 300mm (for the current 29" frame)
SAG: without adjustment	The lower maximum handlebar effort (80N) makes our fork more comfortable than most suspension forks
Max. bike weight: 50kg Max. person weight: 120kg	

**Contact**



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