

# Söll® BodyControl II shuttle

## STERNAL AND VENTRAL ATTACHMENT ON SÖLL GLIDELOC VERTICAL RAIL SYSTEMS

Best solution for both optimised safety and comfort: the ventral attachment makes climbing more comfortable and the sternal strap ensures safety in all fall situations (including backwards)

### CUSTOMER PROBLEM / NEED:

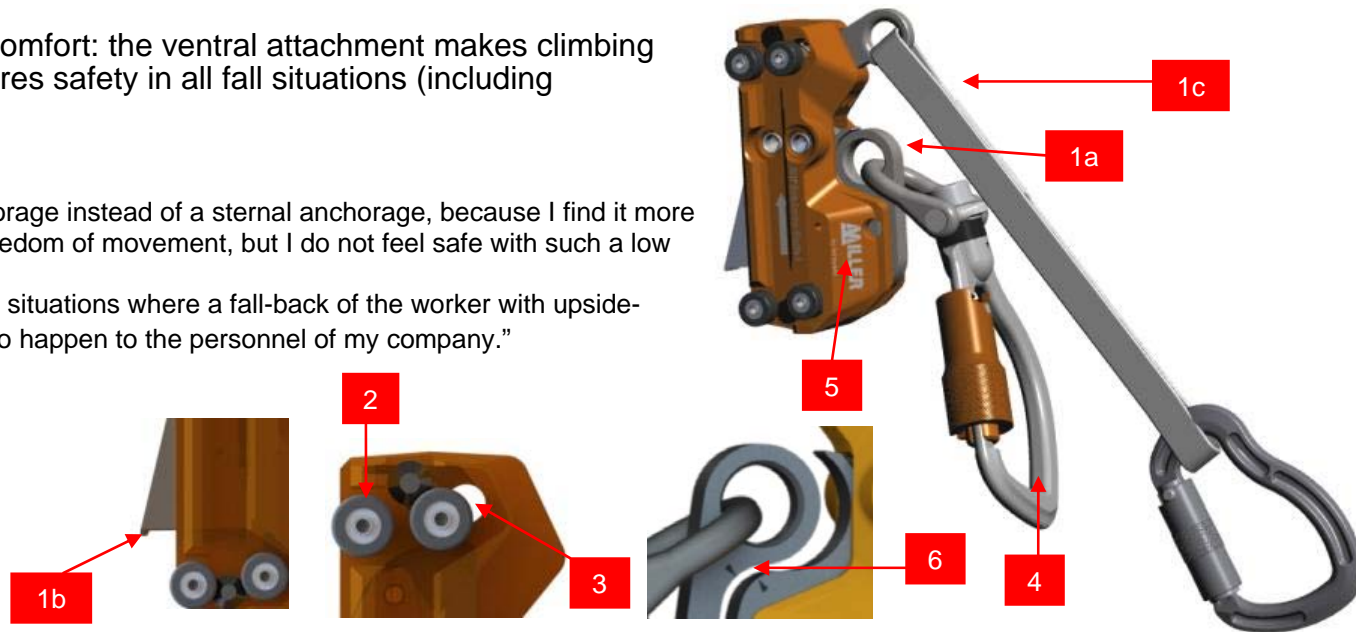
- Worker at height: "I use the belly point anchorage instead of a sternal anchorage, because I find it more comfortable for climbing and I have more freedom of movement, but I do not feel safe with such a low attachment."
- Safety Manager: "I have heard of dangerous situations where a fall-back of the worker with upside-down position happened. I do not want this to happen to the personnel of my company."

### VOICE OF CUSTOMER:

- 20 customer interviews

### TARGET MARKET / SEGMENT:

- Telecom
- Energy (wind, electricity distribution, railway)
- General industry



	FEATURE	BENEFIT	ECONOMIC IMPACT
1	2 independent fall arrest functionalities thanks to the separation of energy absorber (1a) and safety catch (1b) that interact in all fall situations: downwards and backwards. Backward fall arrest is triggered by a sternal strap (1c).	Arresting back- or downward fall situations Thanks to the quick arrest, a worker does not risk turning to an upside-down position (impossible to get back in an upright position alone, risk of severe body injury) Works with inclined ladders/rails: -10° and +15°	Additional safety (vs. health risk of a late or no arrest) Arrest distance < 140mm Broad applicability
2	Bigger and more robust wheels	Longer lifetime of the wheels: twice as long as conventional wheels	Increased lifetime of wheels (x2) Reduced downtime (less maintenance)
3	Wheels move in a suspended axle to smoothly pass uneven surfaces	Smooth running of the device in all circumstances (i.e. passing joints) reducing worker fatigue	Improved productivity
4	Ergonomic 'big and easy-to-grip' karabiner, adapted to worldwide requirements (standards) Robust karabiner "30kN" and gate "16kN"	Easy to open and close with gloves Worldwide use of one and the same shuttle including karabiner Longer lifetime	Improved productivity Reduced cost of ownership, especially for international companies
5	New shuttle housing design covers 80% of shock absorber	Improved shock absorber protection against impacts reduces the need of maintenance and increases its lifetime	Reduced downtime and cost of ownership
6	Visual fall indicator	Easy inspection before use	Additional safety

Certified to the requirements of the EN 353-1, tested according to AS/NZS