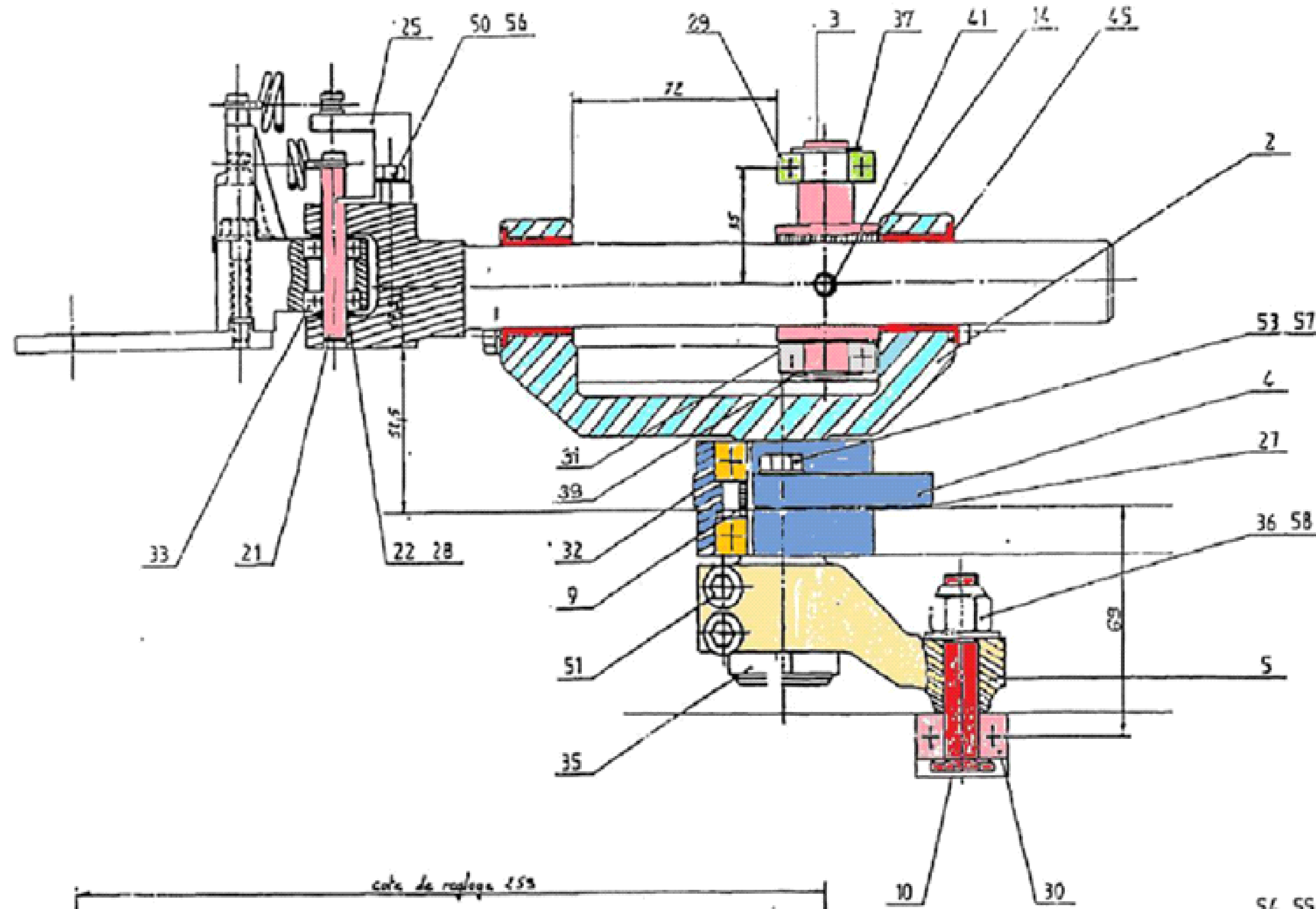




IMPROVED S1 TRANSFER ARM



CURRENT SITUATION

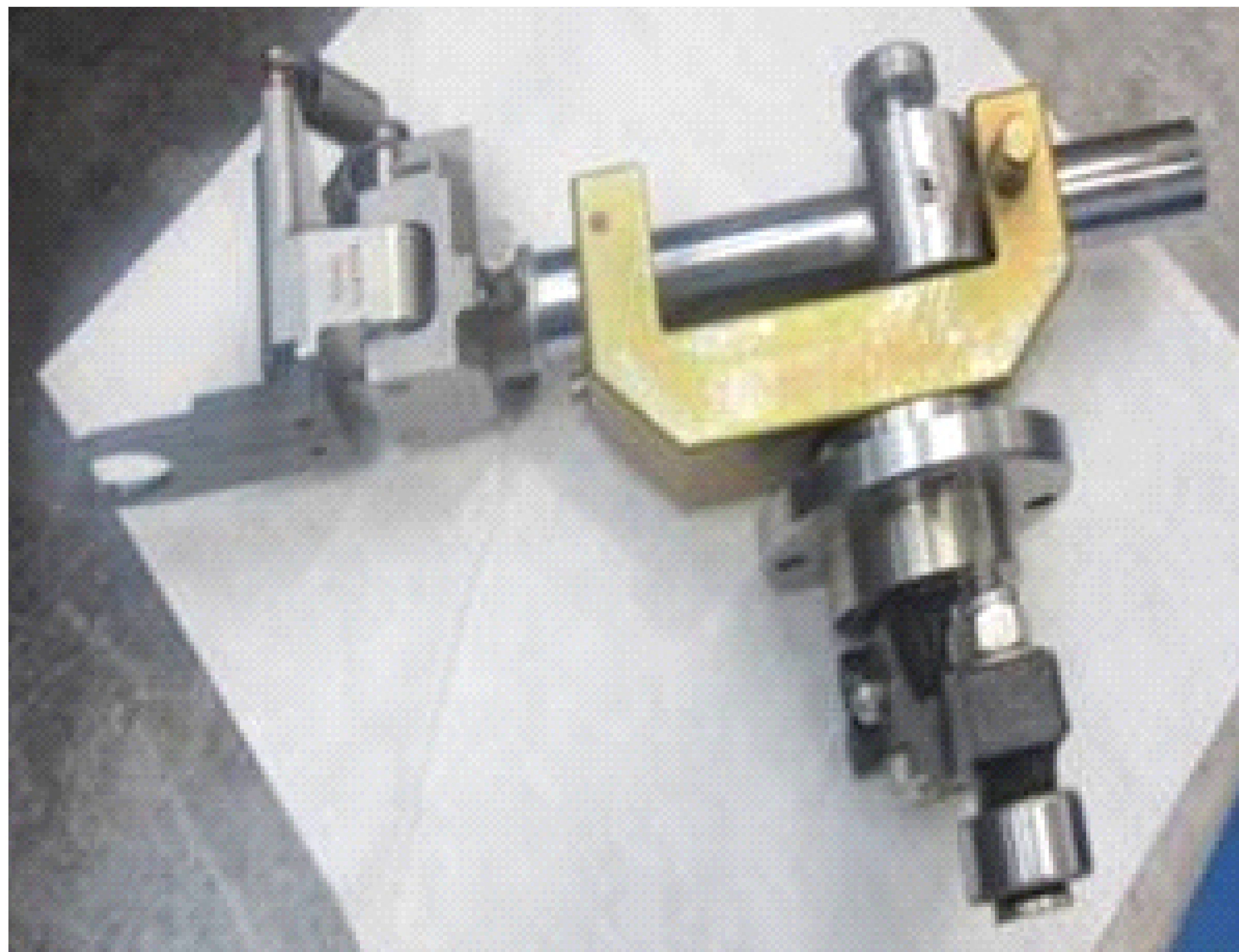


- The customer is currently using the sidel version LH645861 (1964586101).
- The customer operates a 24/26 N°2051 blower.
- After the conversion of 2 machines to a shorter neck, the transfer arms no longer seem suitable. In order to ensure good performance, 3 specific issues have been identified :

-Heads tend to get askew.

-We have measurement difference between left and right grippers.

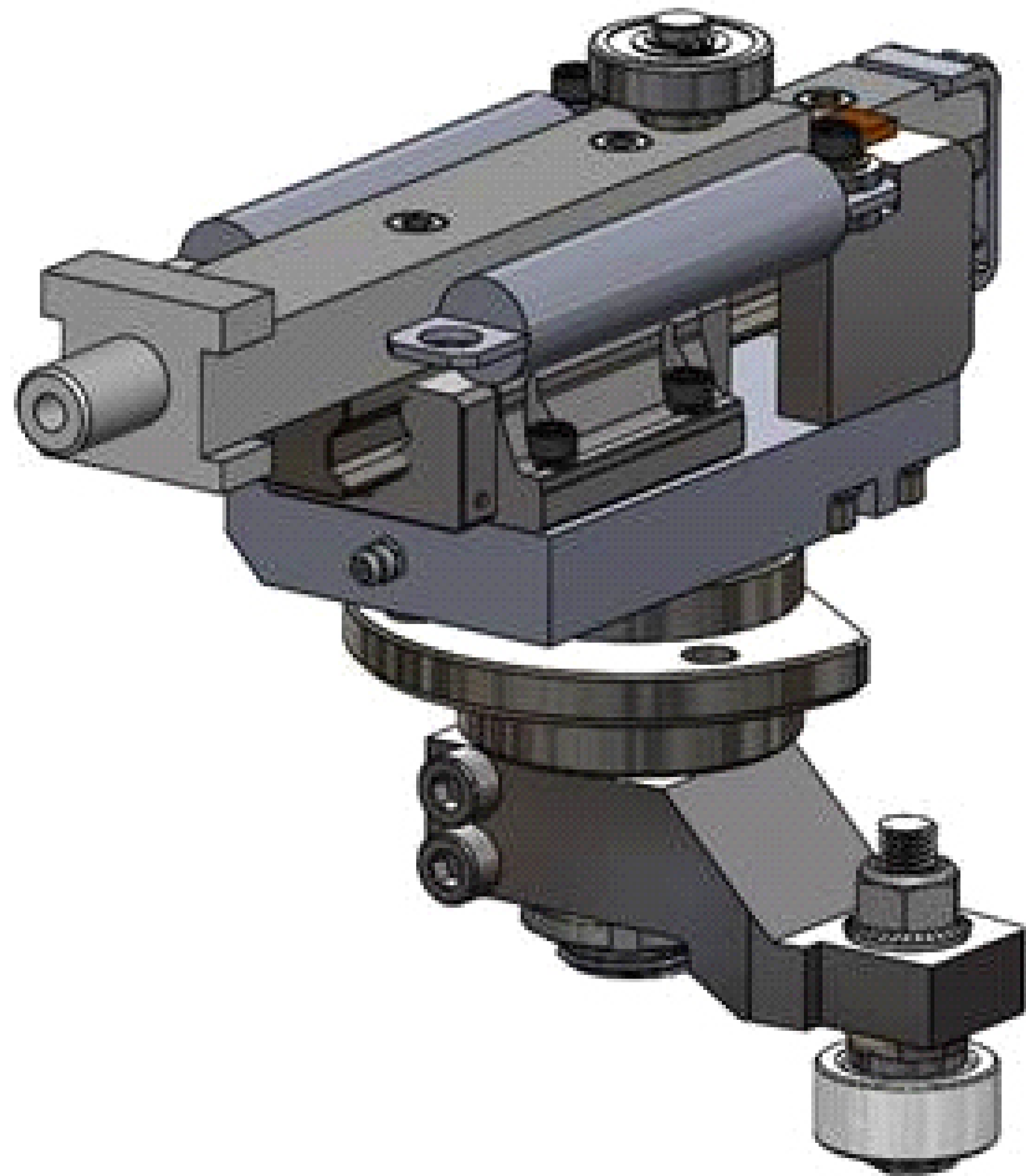
-The arms tend to rise when returning to mussel level (end of cam, at the level of the return curve).



PROPOSED SOLUTION



A



TRANSFER ARM BODY

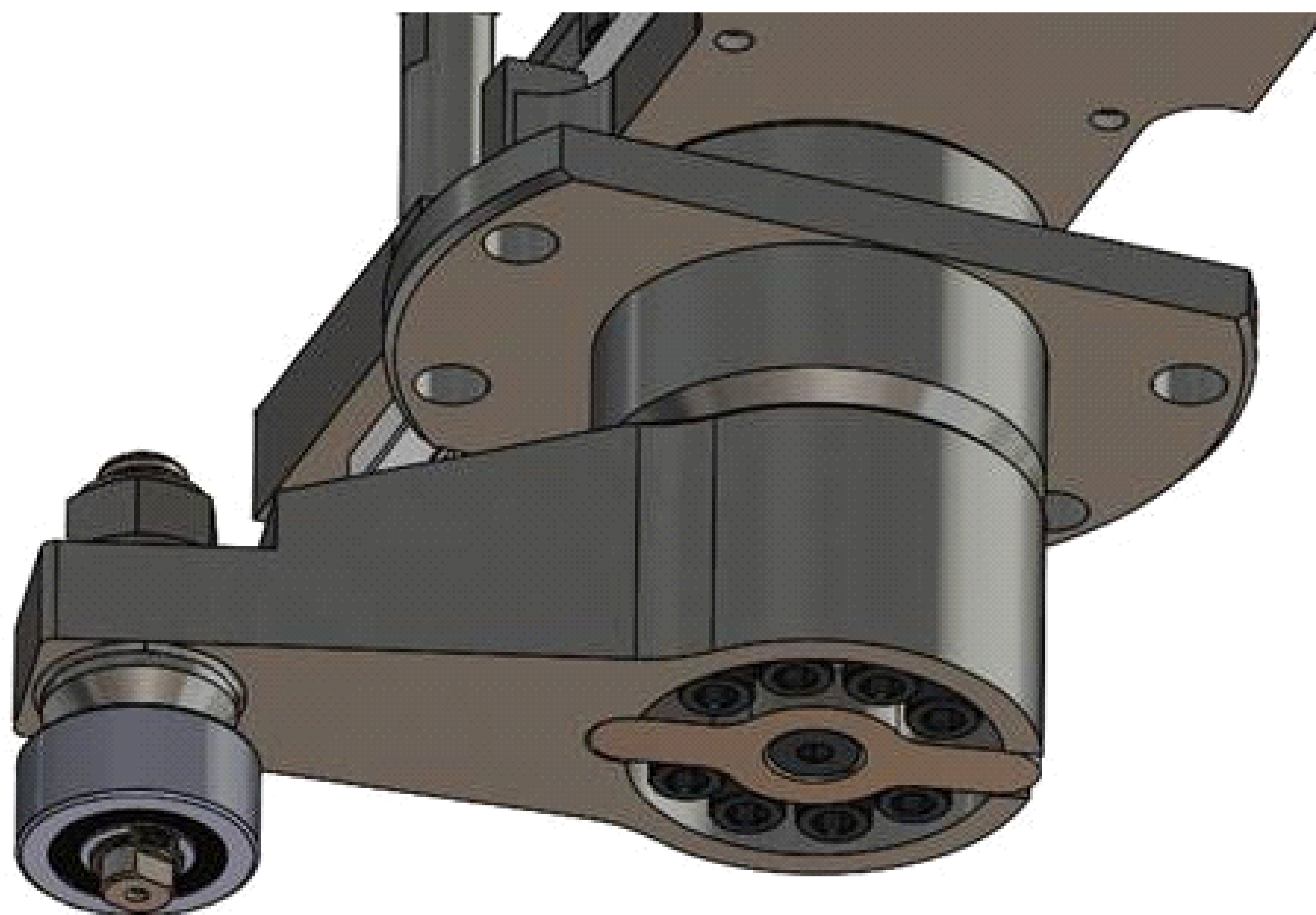
Improvements :

- Linear ball bearing.
- Use of a standard screw-tightening arm (image A).

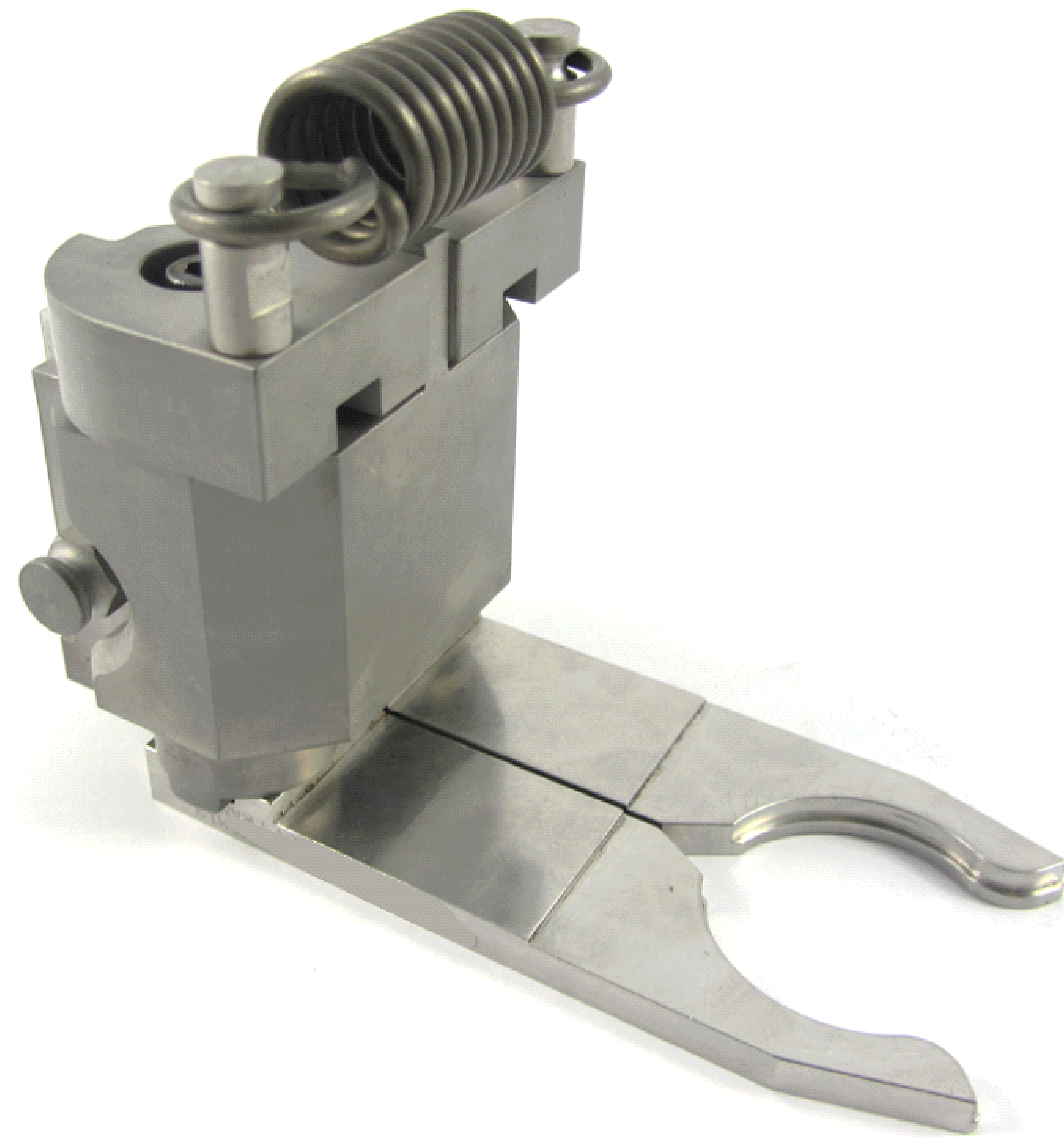
or

- Use of a powerlock (image B) to improve calibration and rigidity (more expensive).
- Using an S2 transfer arm head (next page).

B

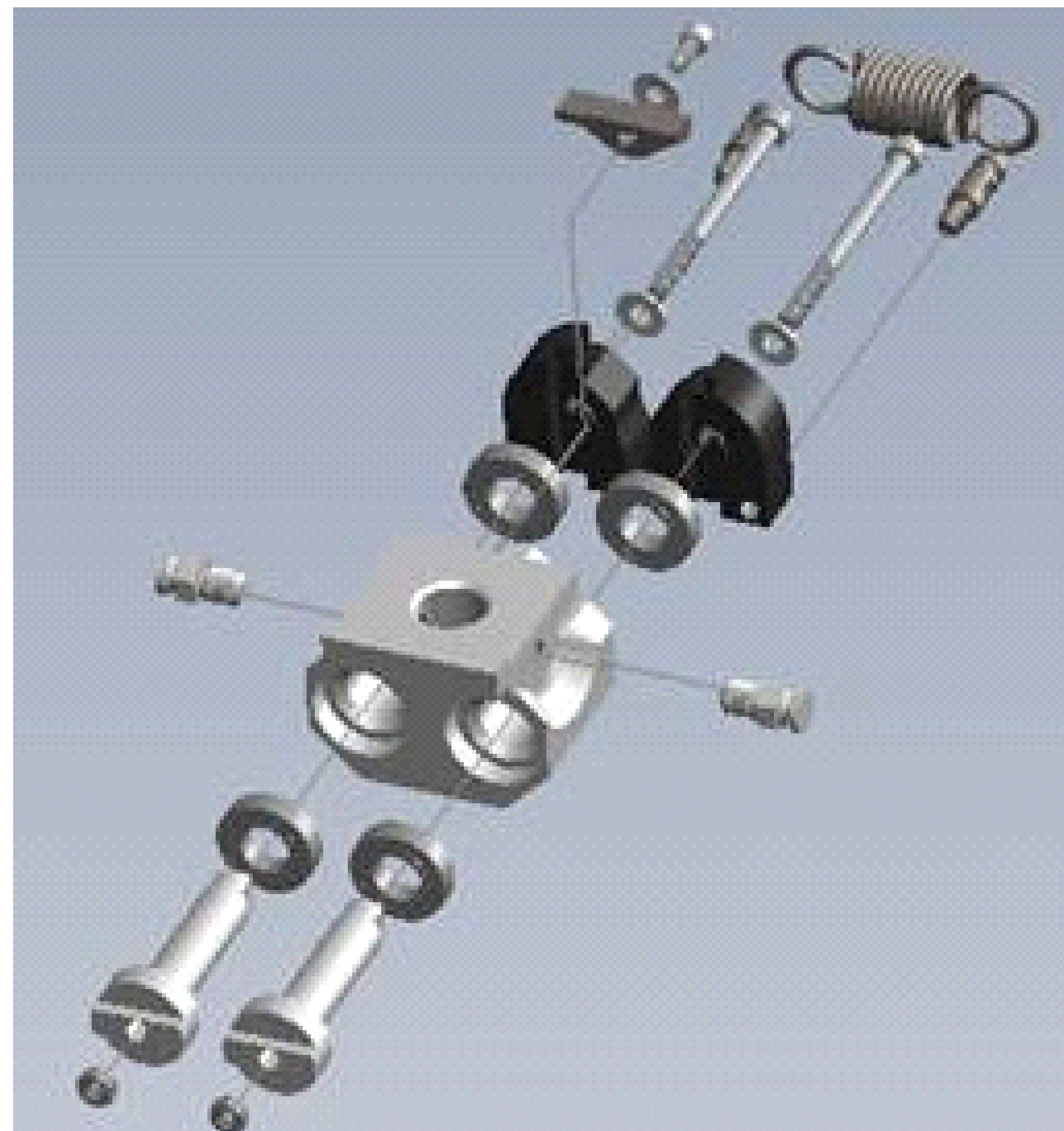


PROPOSED SOLUTION



TRANSFER ARM HEAD

- Use of the improved transfer arm head (lighter type Sidel S2 with ball bearing).
- May require the use of new clamps or the customization of one of the parts to join the clamps to the transfer arm head (validate the most economical solution).



REQUIRED FOR THE PROJECT



Sending a complete transfer arm, with head and clamps, from the customer for certification/validation of the technical file (2 weeks).

Validation of the clamps type used by the customer.