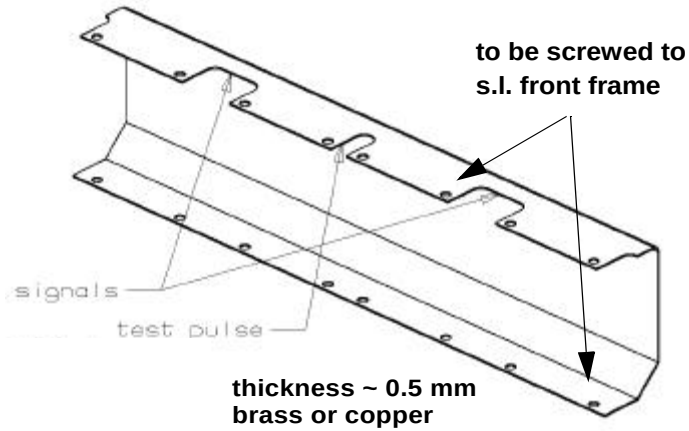
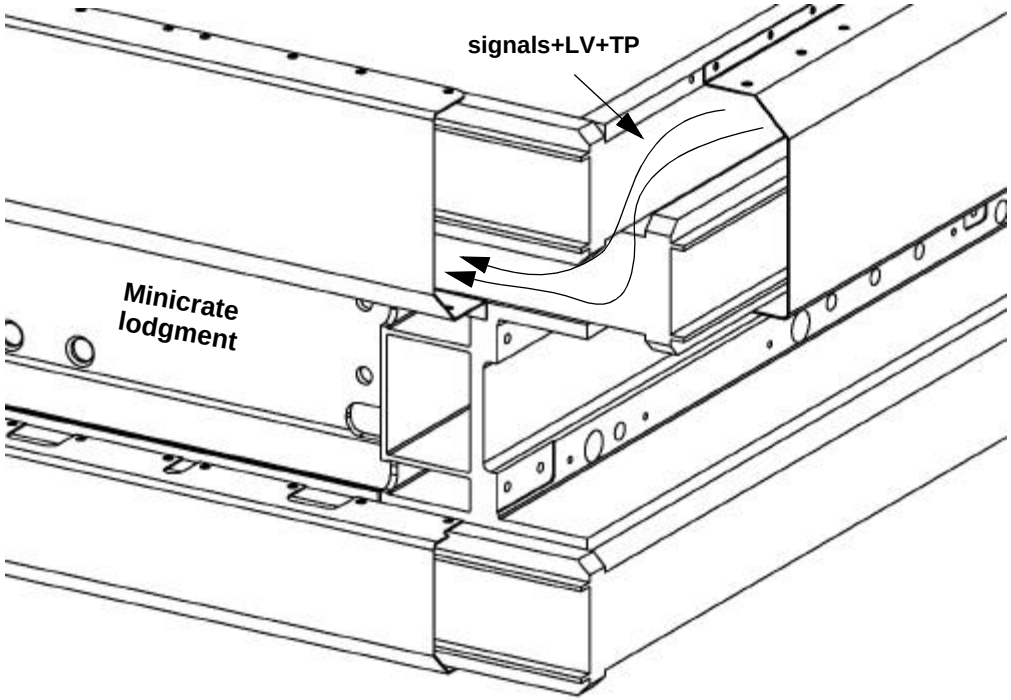
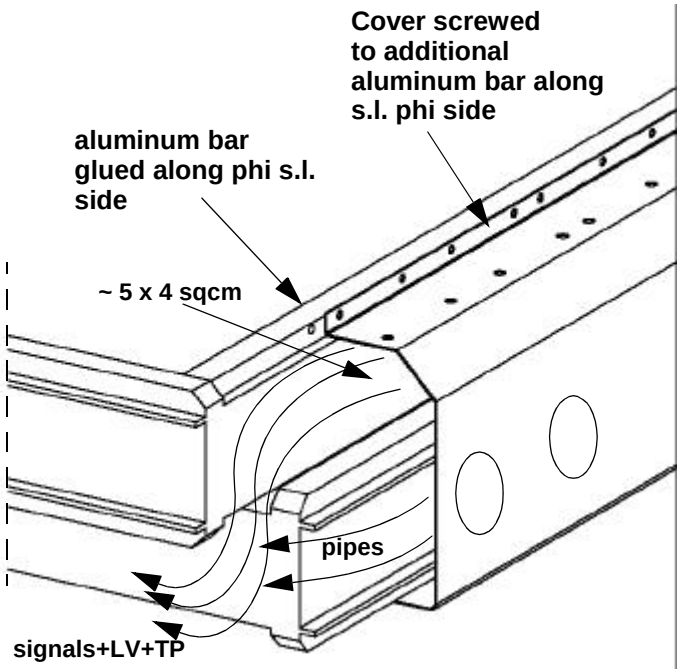


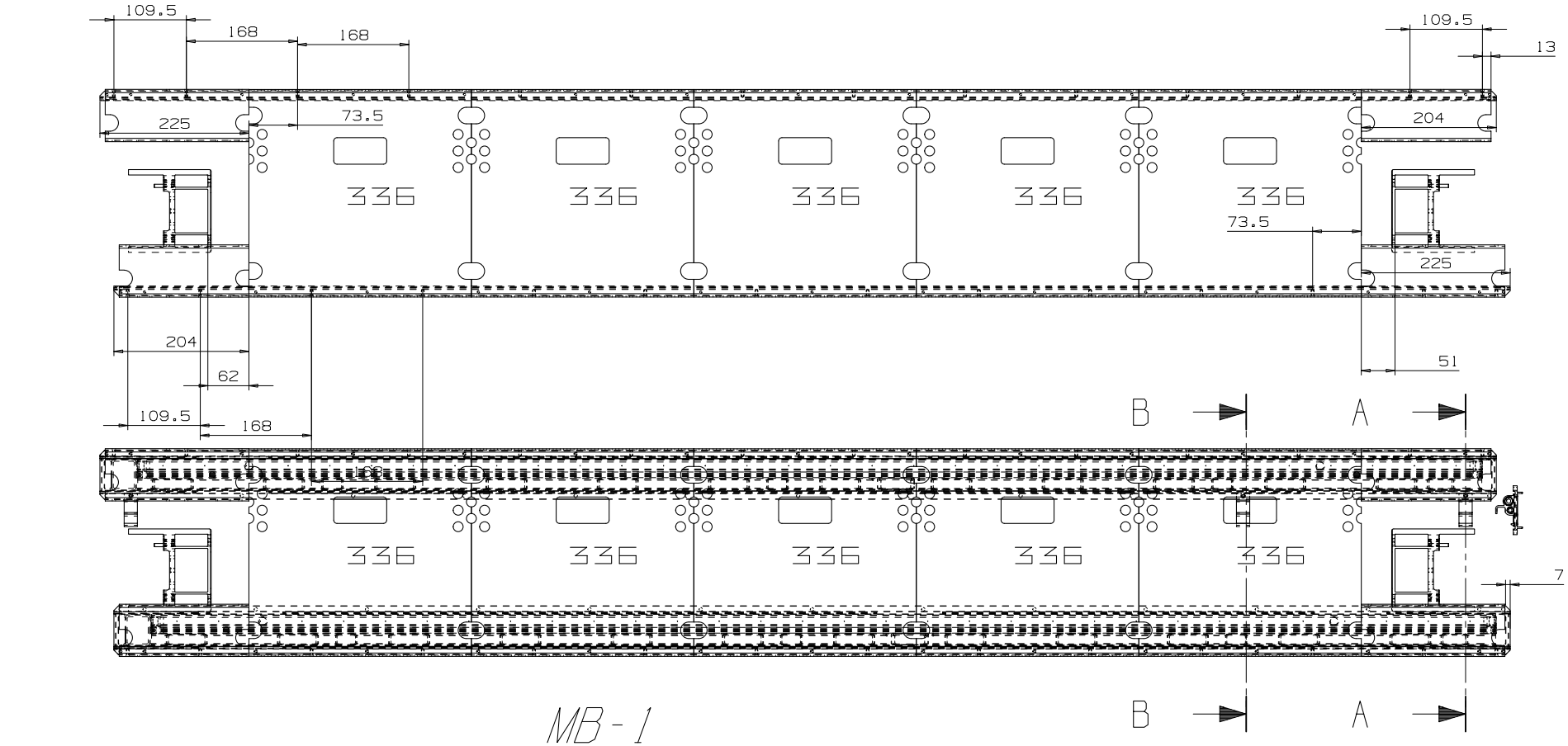
FE cables routing along Θ and Φ FE covers

Requirements:

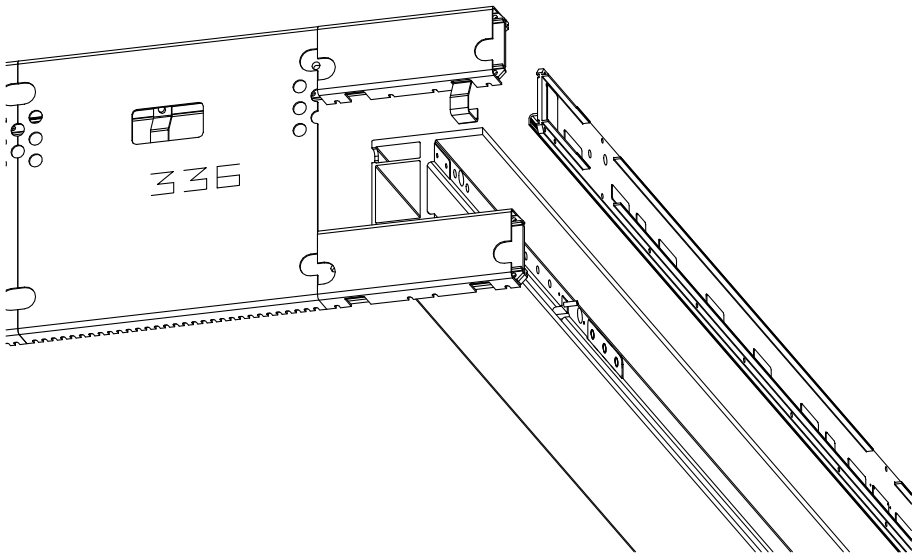
- feed-through protection;
- containing guide for cable routing;
- electrical shielding;
- weldability;
- easily installable/removable;
- shape compatible with the available space;
- budget?
- TO BE CHECKED WRT RPCs
- FIXING TO HC front profile T.B.D.

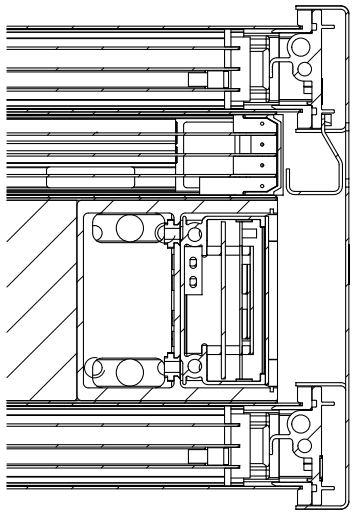




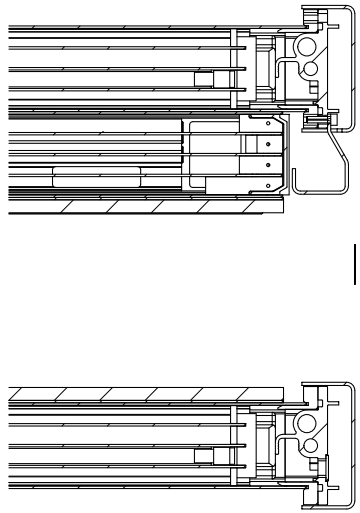


MB-1



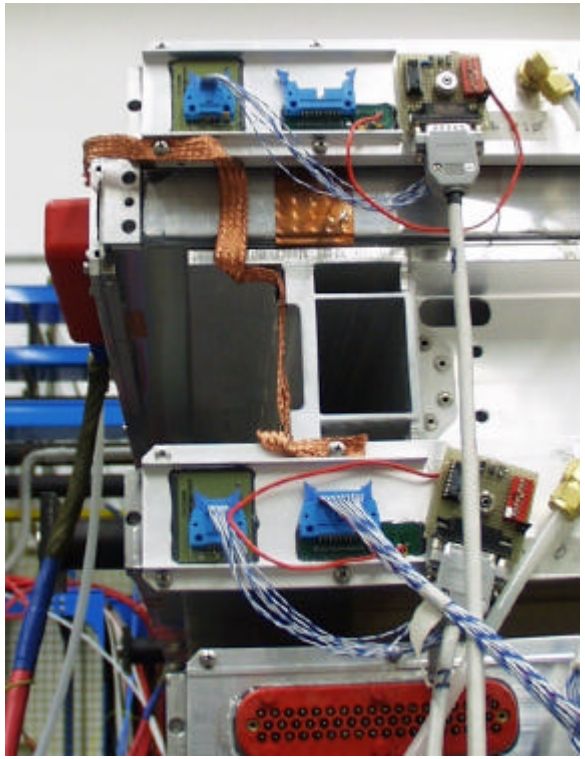


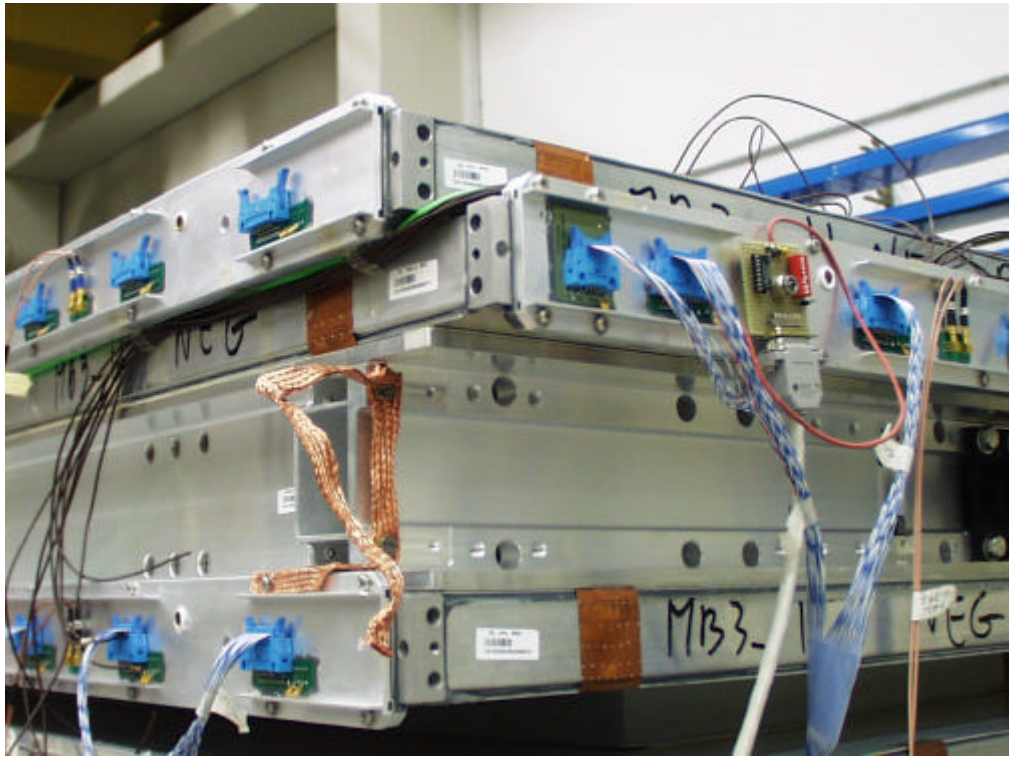
SECTION B-B



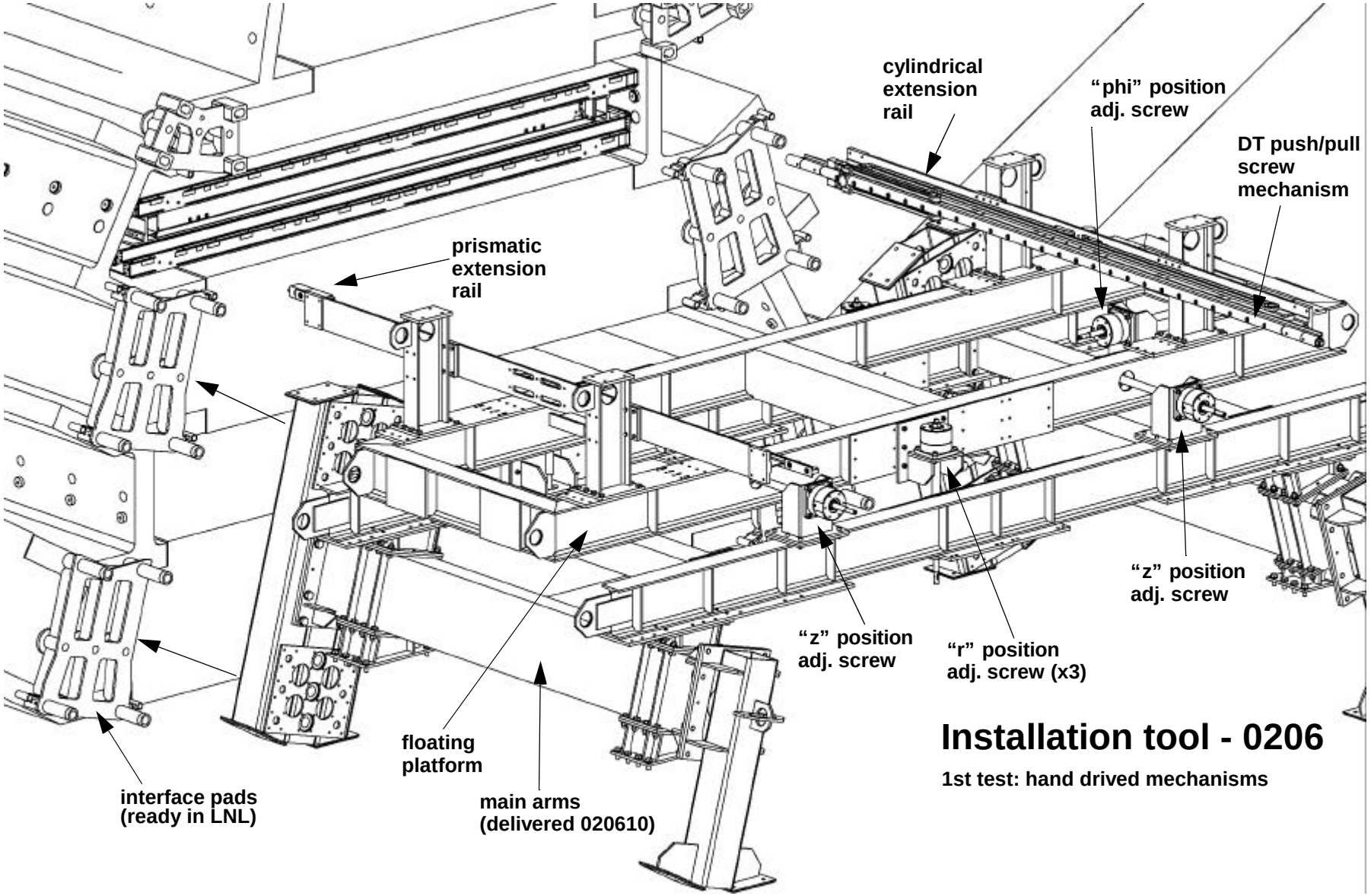
SECTION A-A

On chamber ground connections



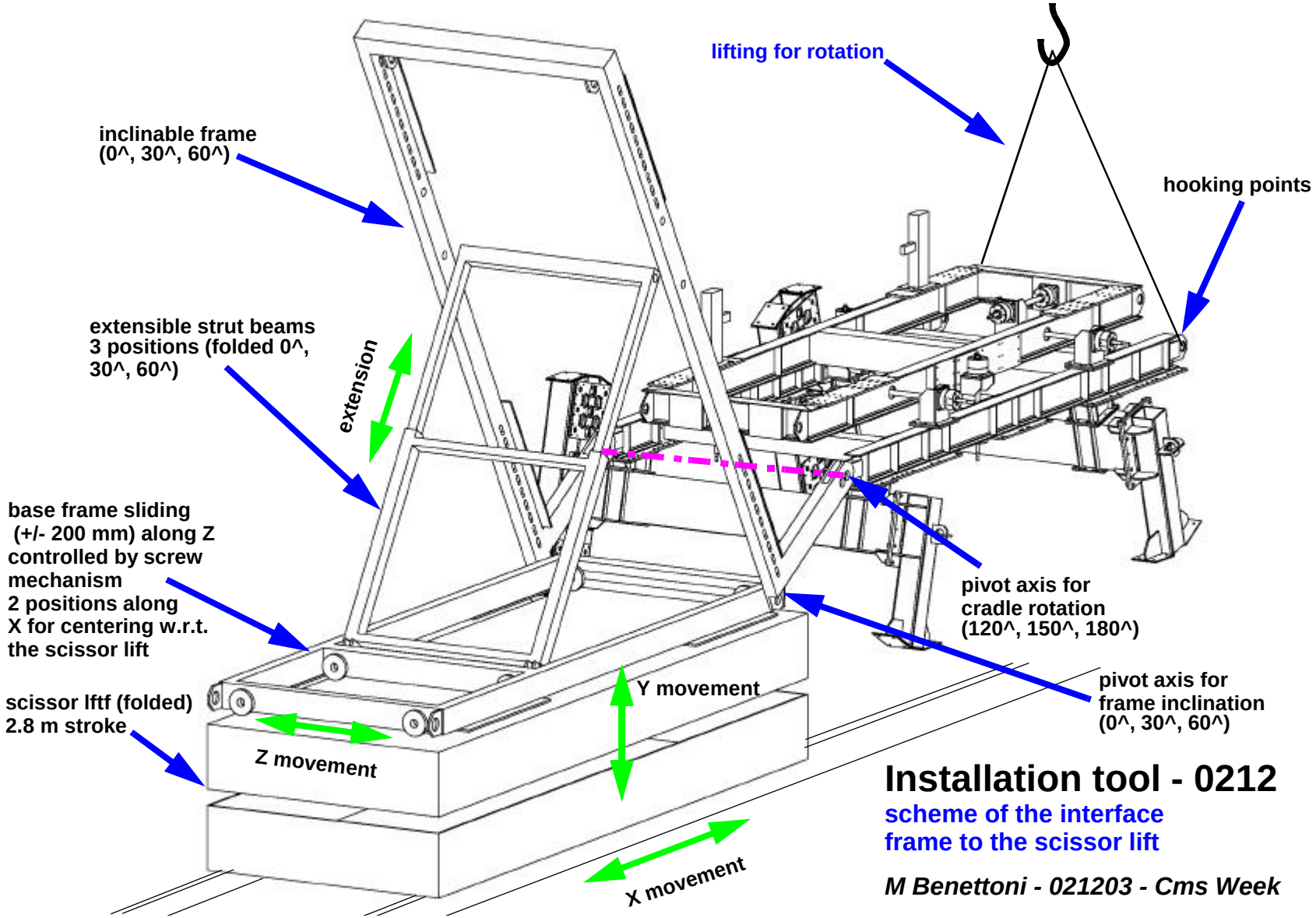


- As proposed by Matteo, t.b.checked w.r.t. the insertion tool and Z-stop



Installation tool - 0206

1st test: hand drived mechanisms

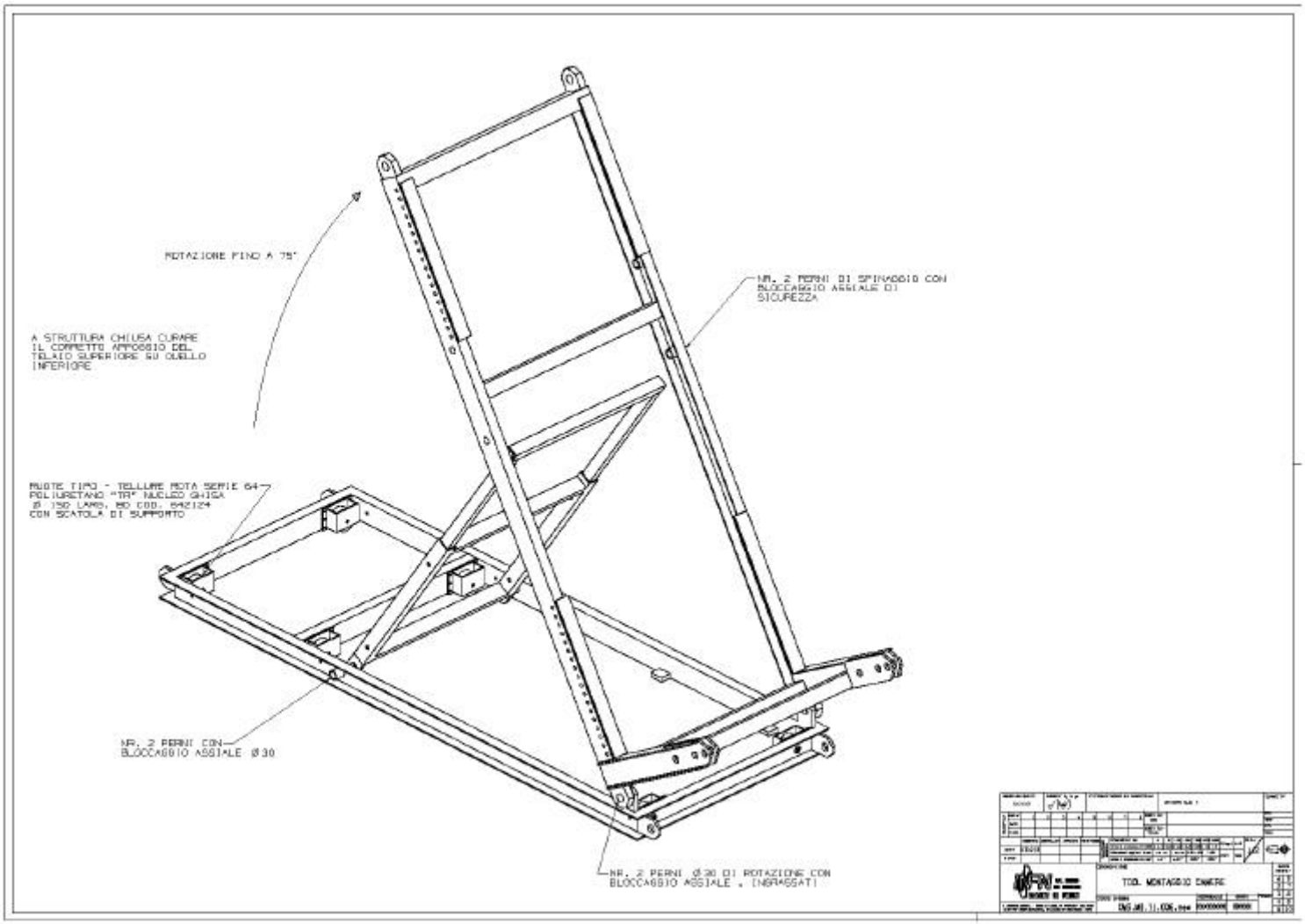


Installation tool - 0212

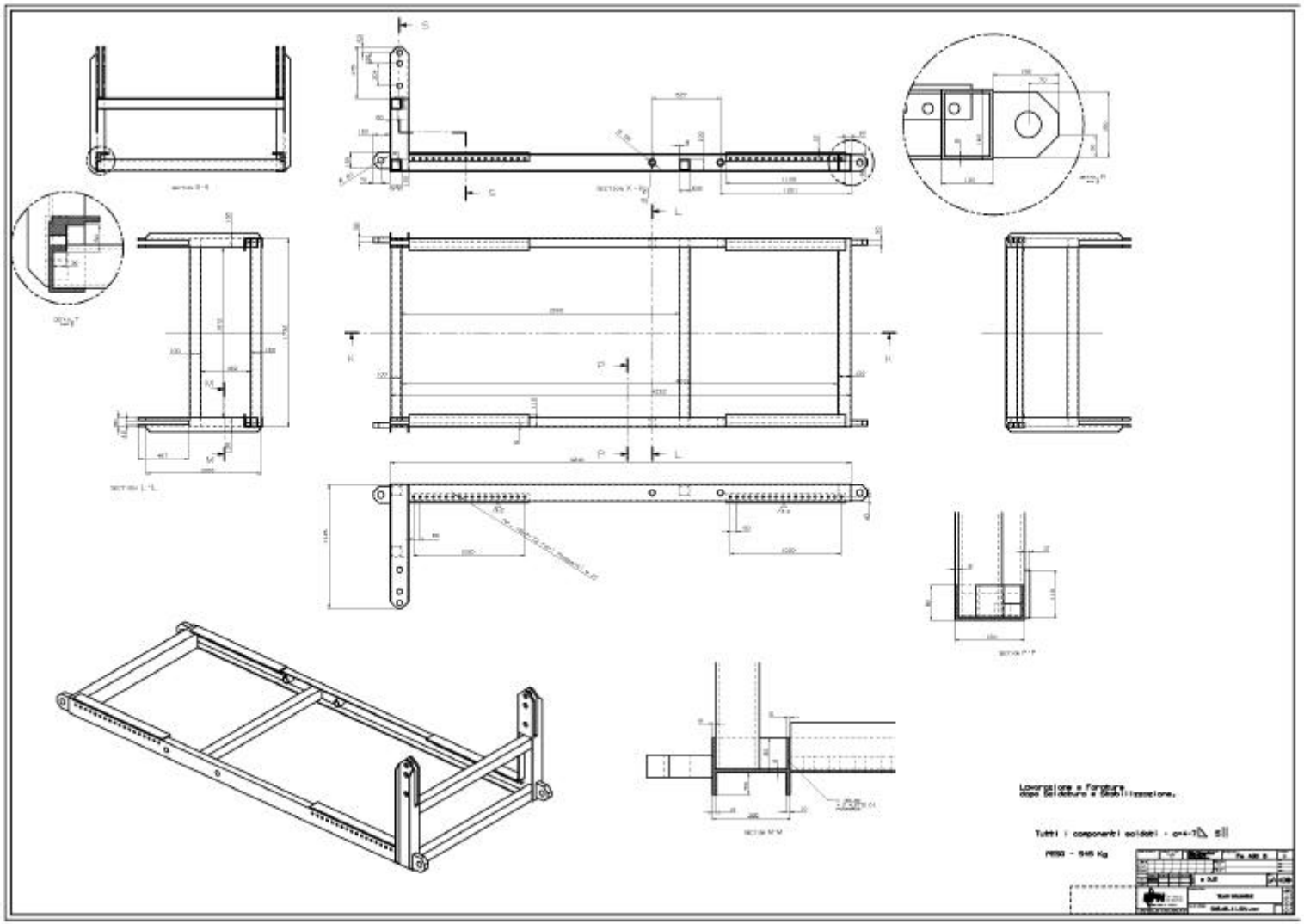
scheme of the interface
frame to the scissor lift

M Benettoni - 021203 - Cms Week

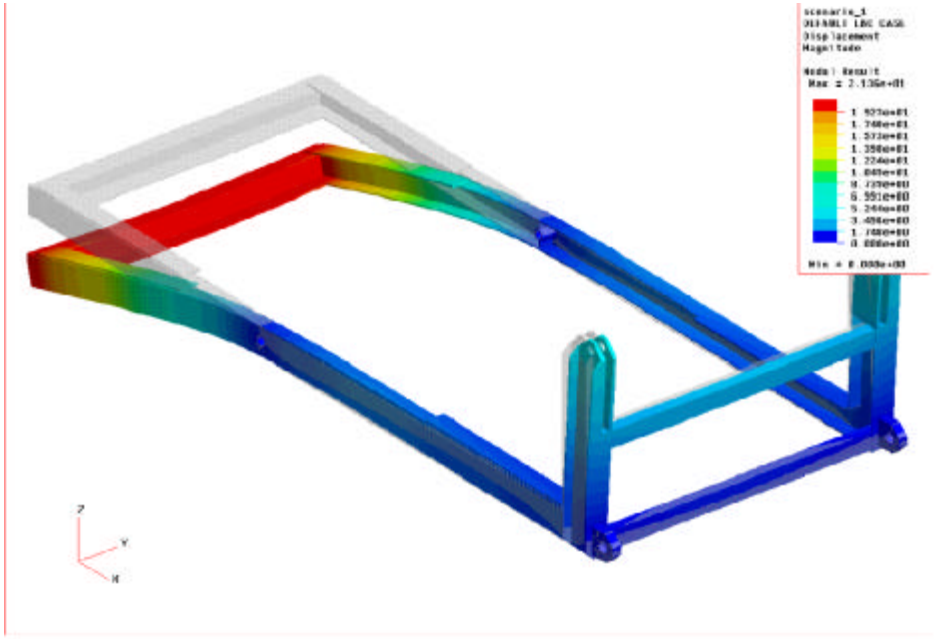
Frame t.b. mounted on top the scissor lift expecting offers by 5th of March

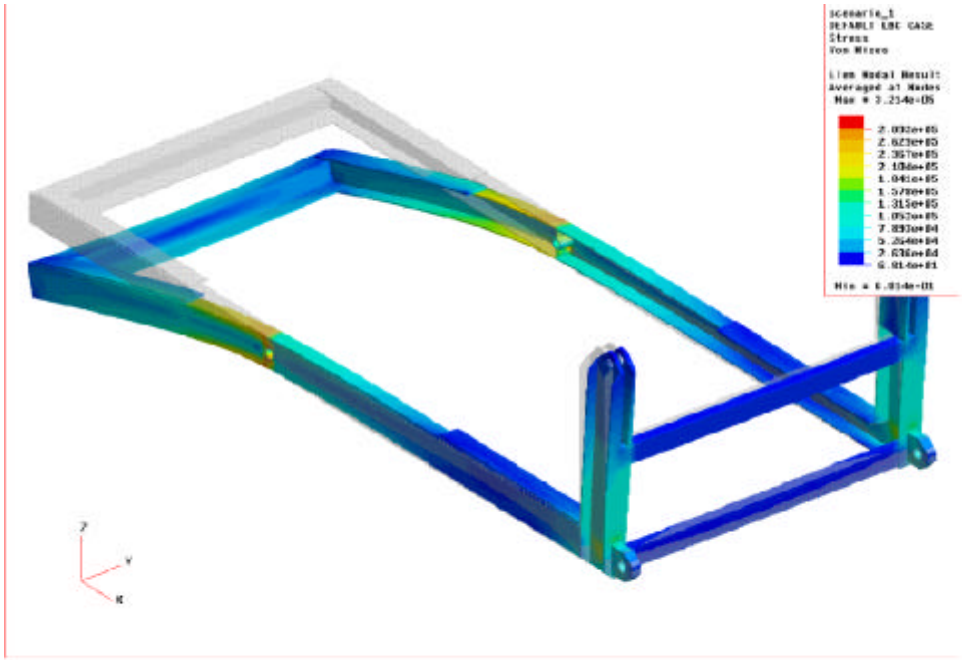


Frame t.b. mounted on top the scissor lift expecting offers by 5th of March

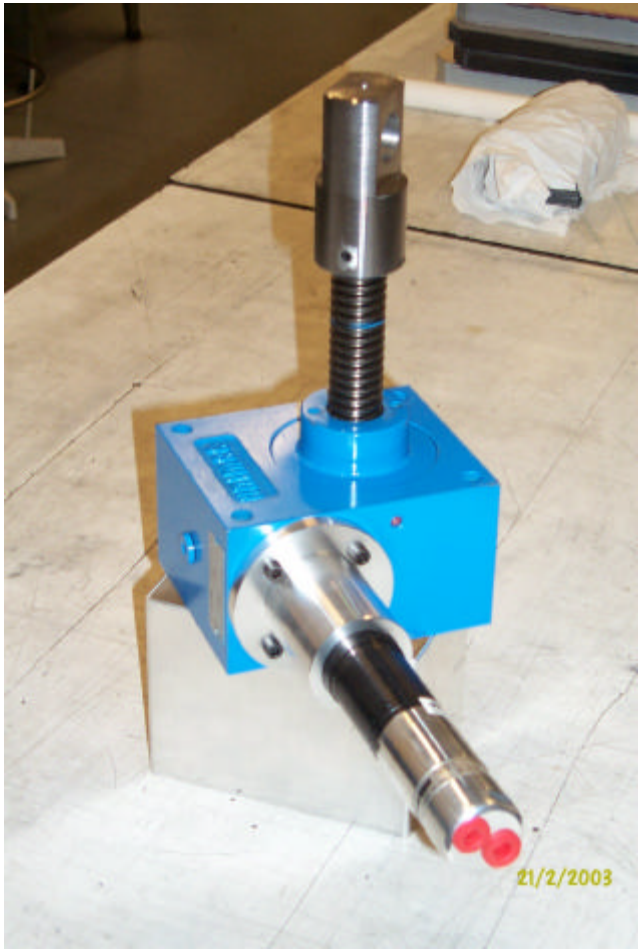


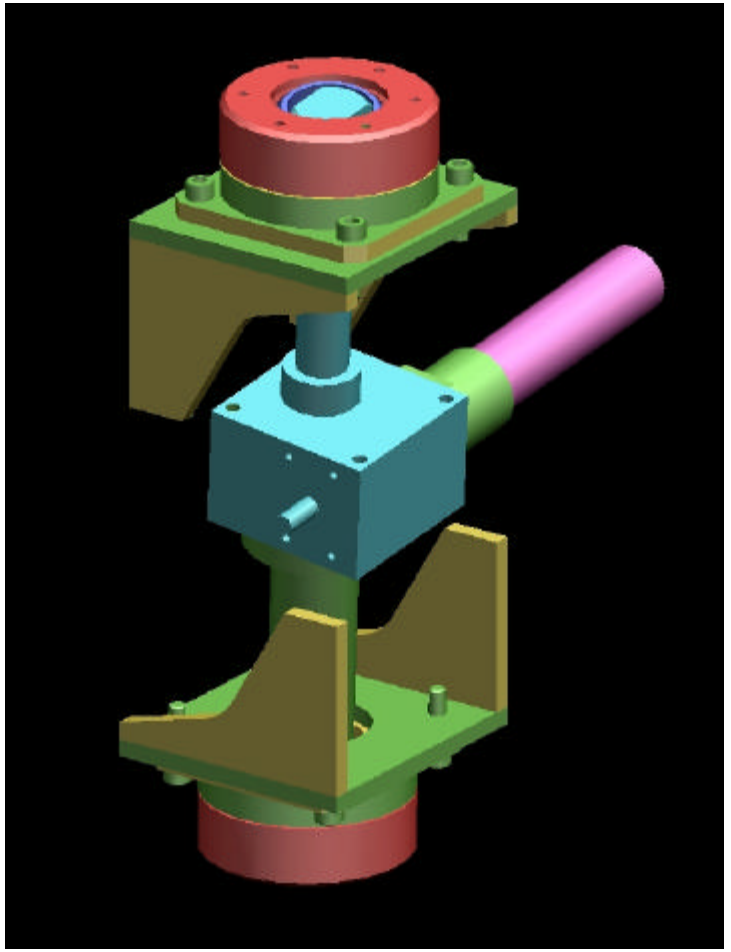
FEA analysis of frame t.b. mounted on top the scissor lift



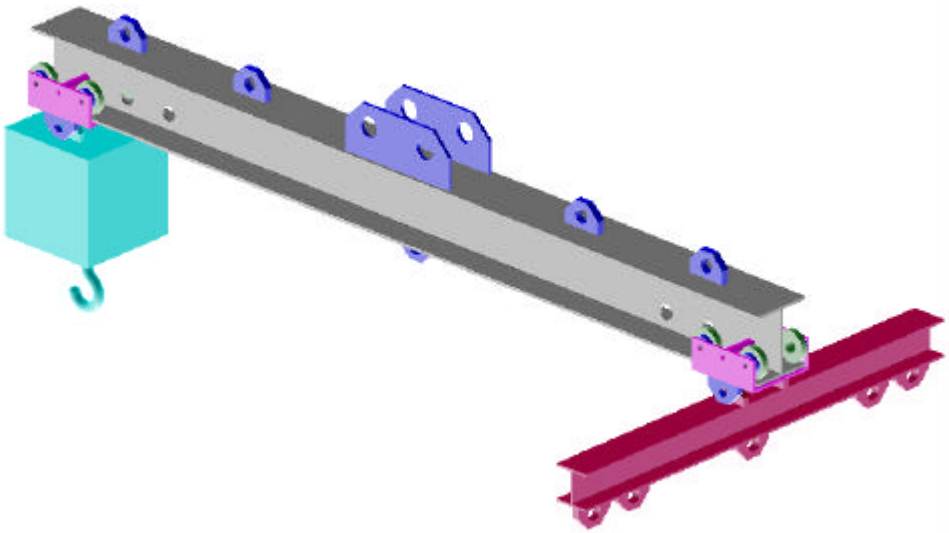


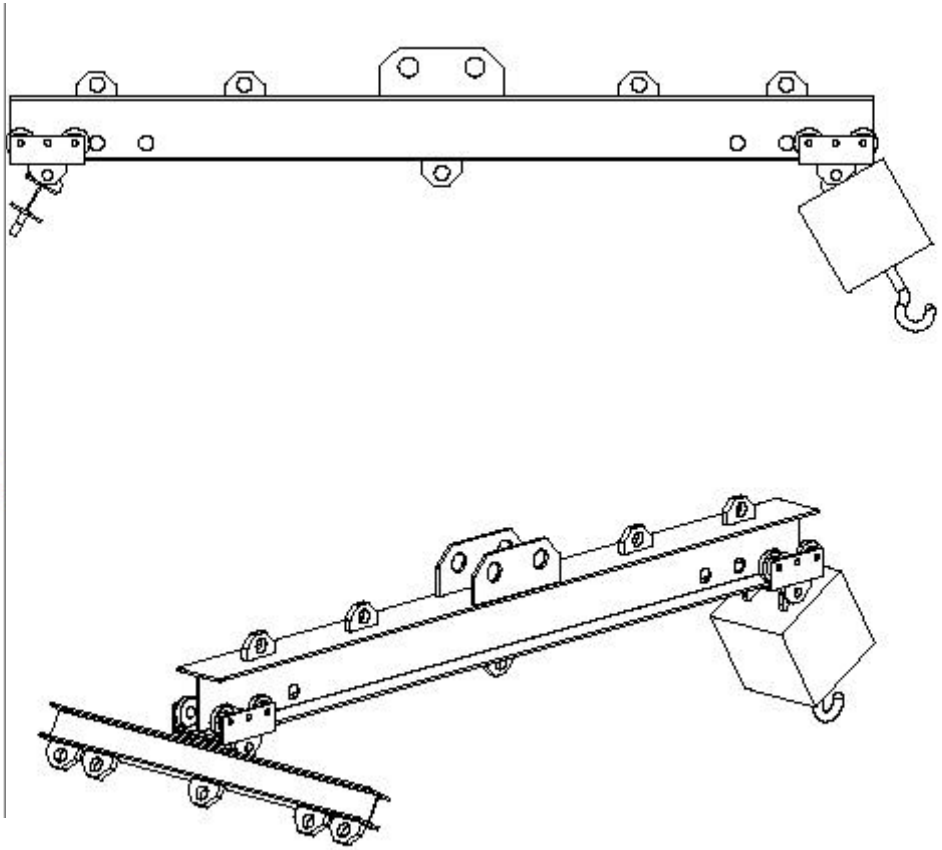
Screw jack moved by air motor for installation tool alignment





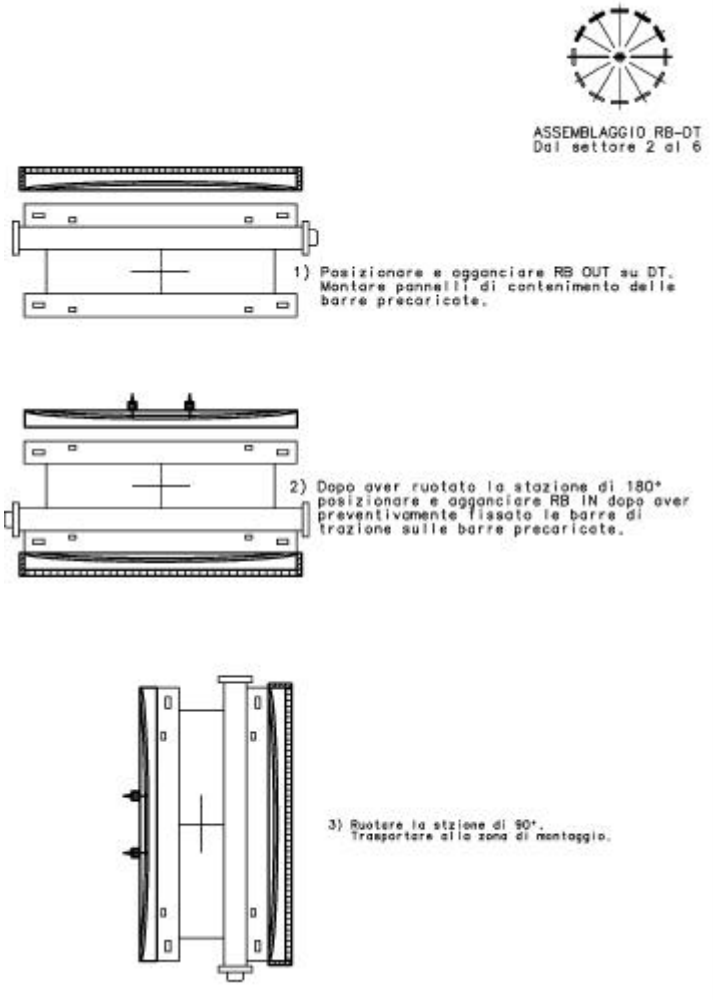
Balance beam with winch for installation tool inclination

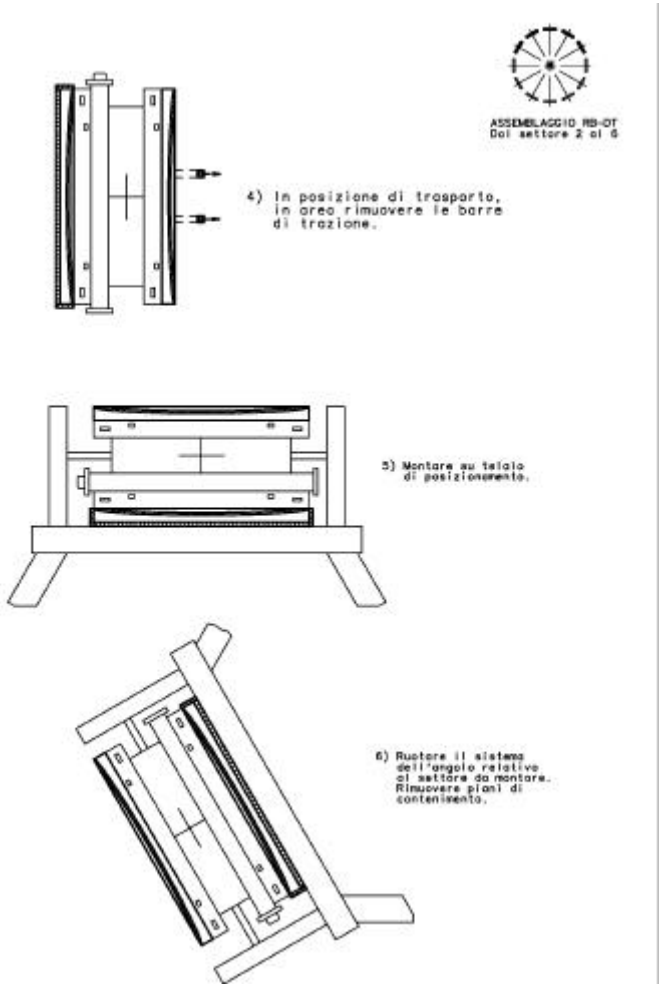


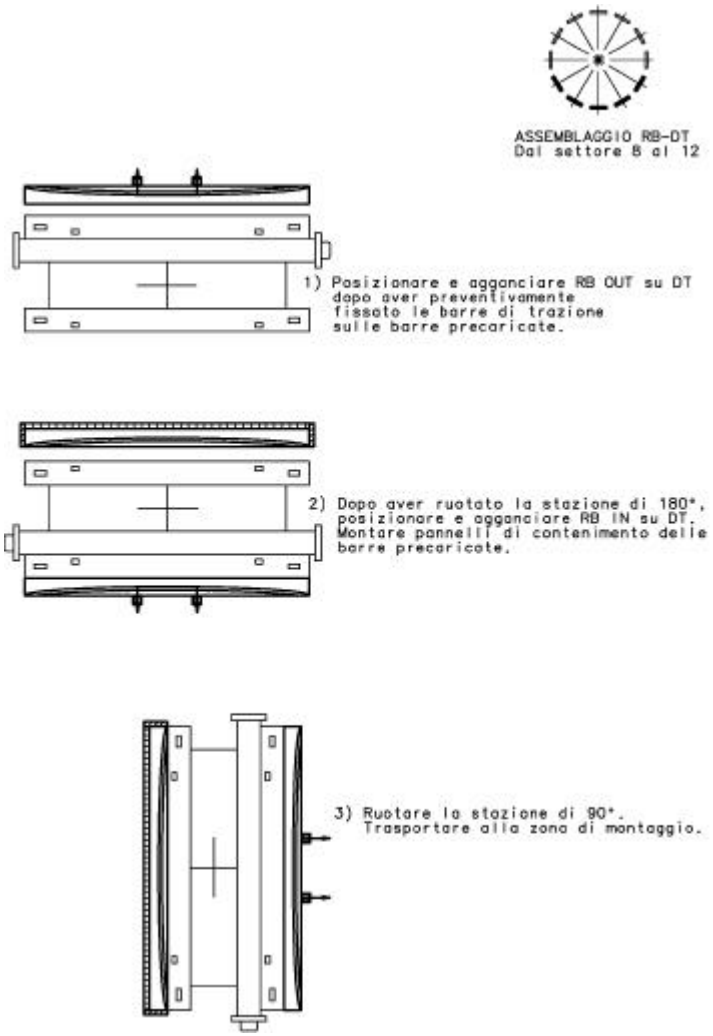
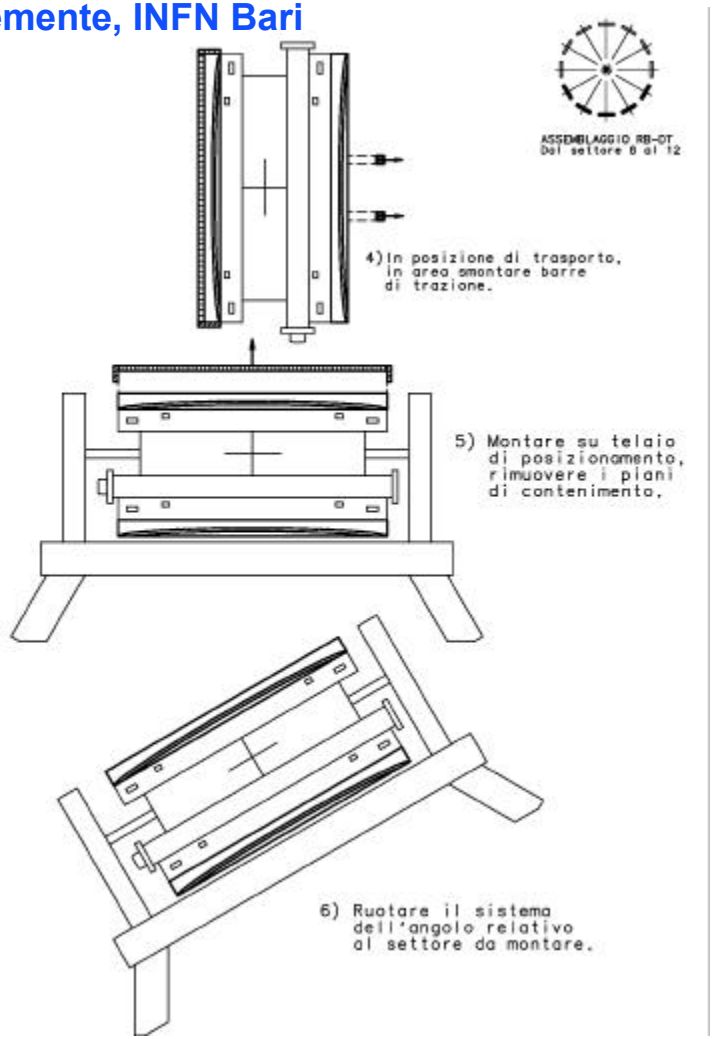


RPC coupling to DT & pre-load compensation

Drawings by Antonio Clemente, INFN Bari





RPC coupling to DT pre-load compensation

Drawings by Antonio Clemente, INFN Bari