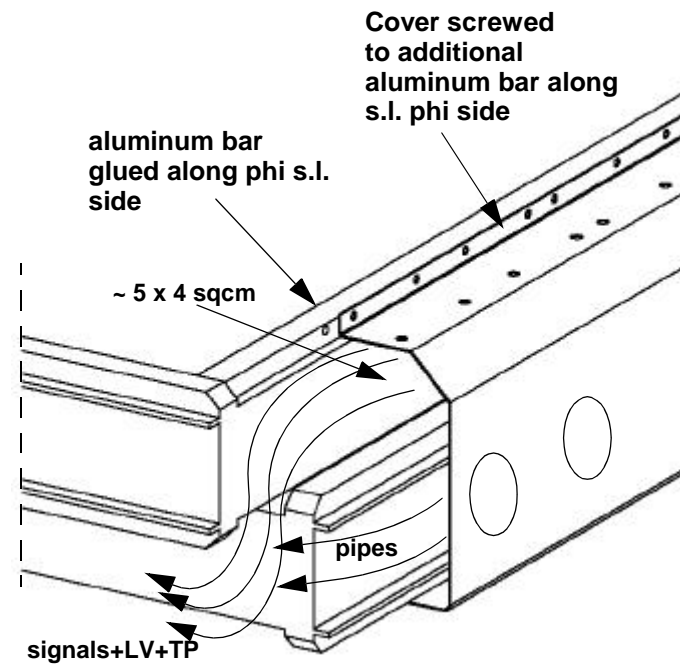
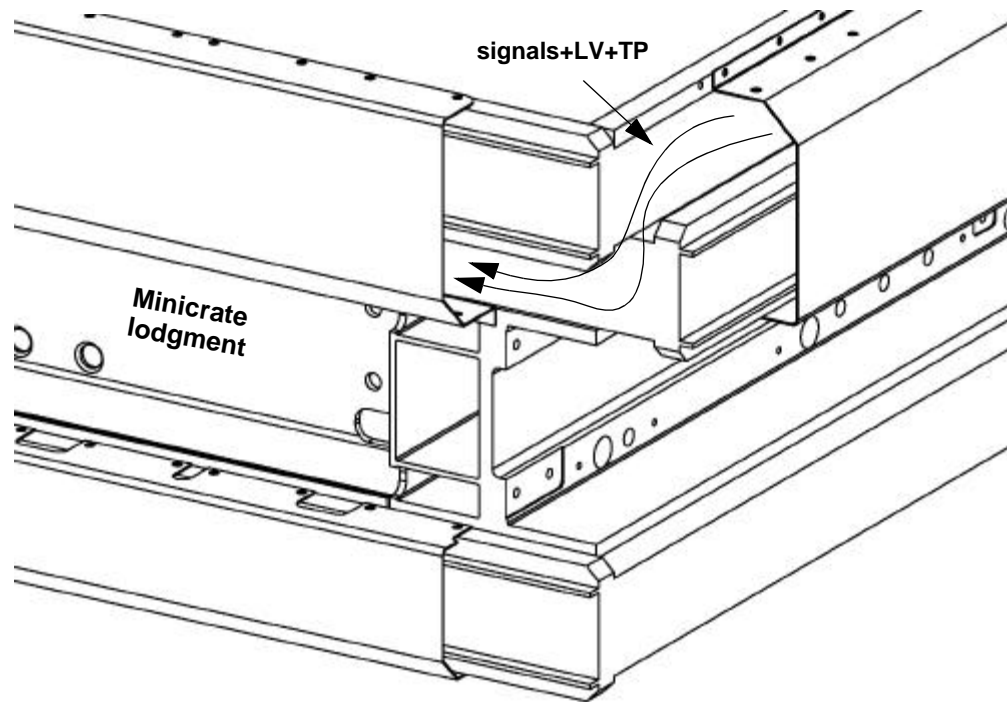
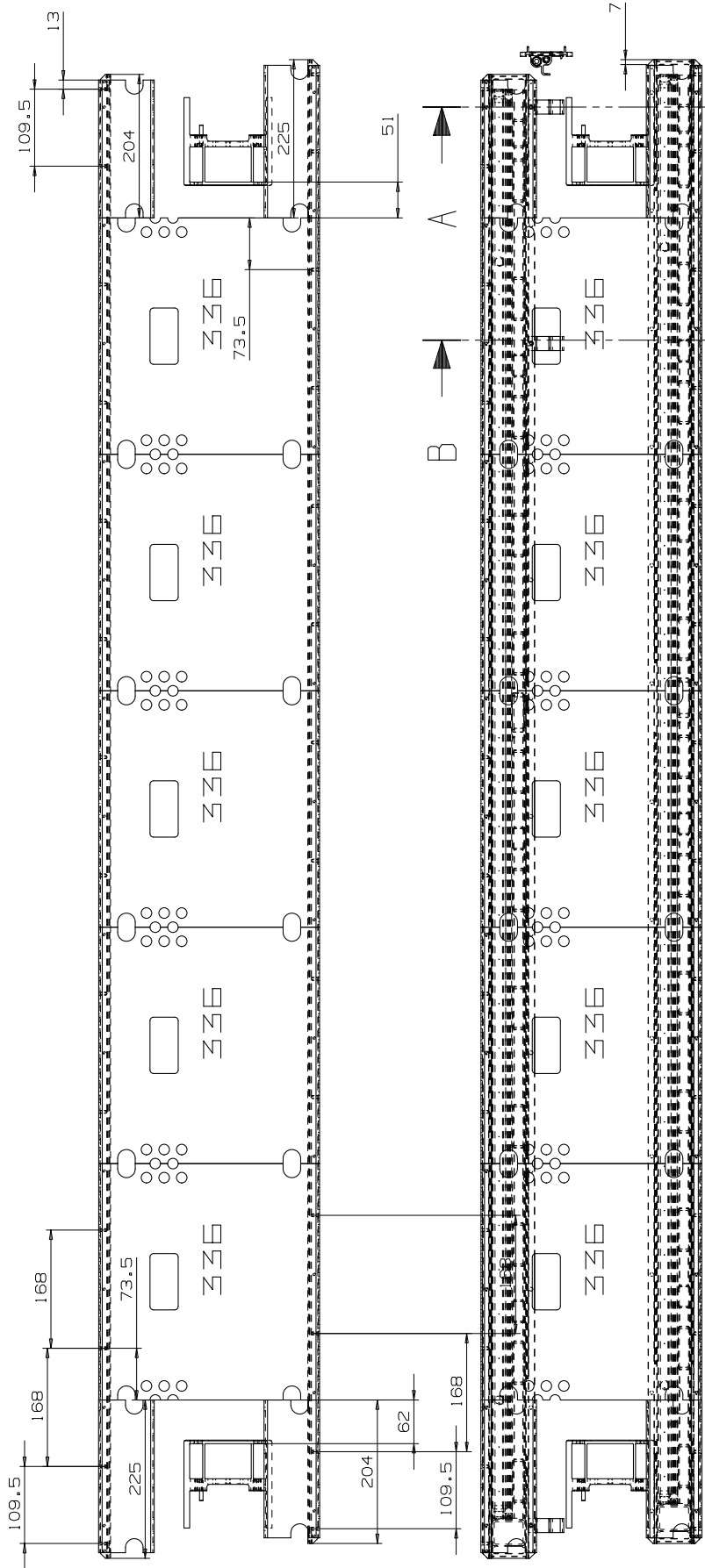


FE cables routing along \ominus and \oplus FE covers

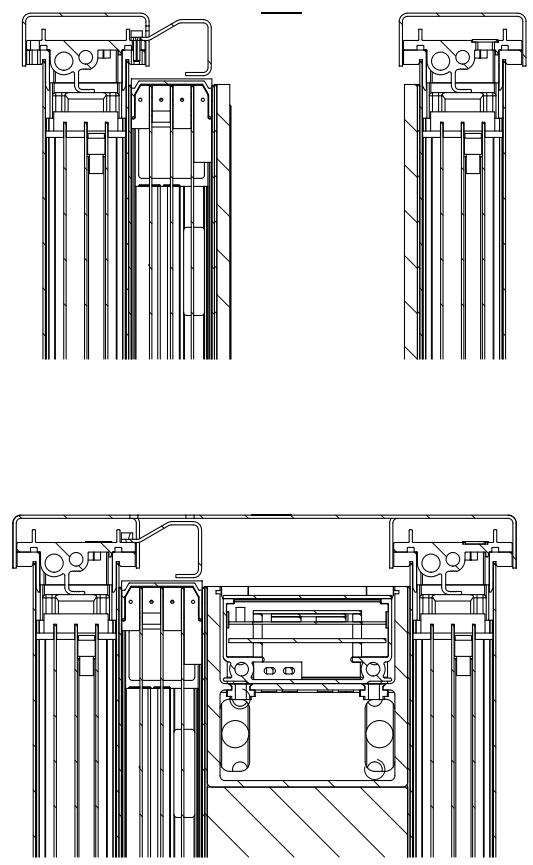
Requirements:

- 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.



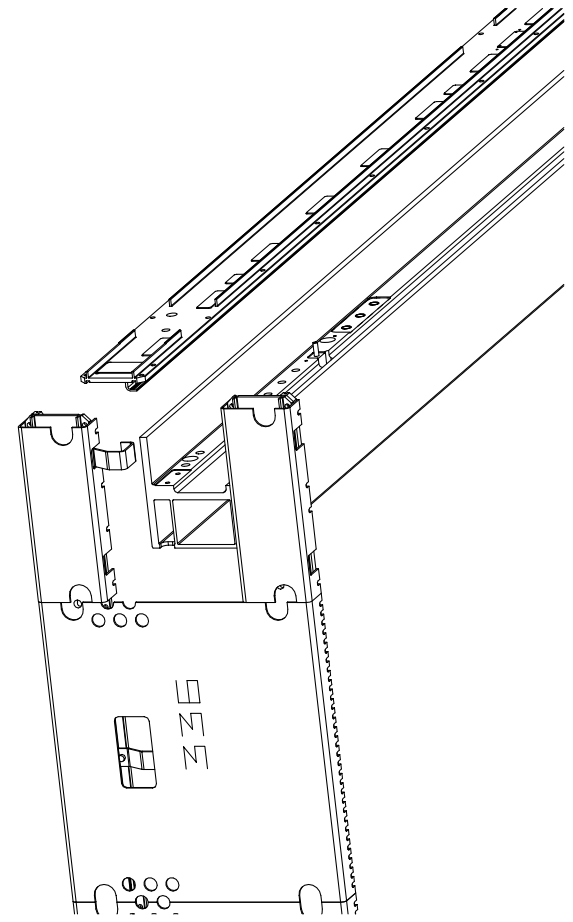


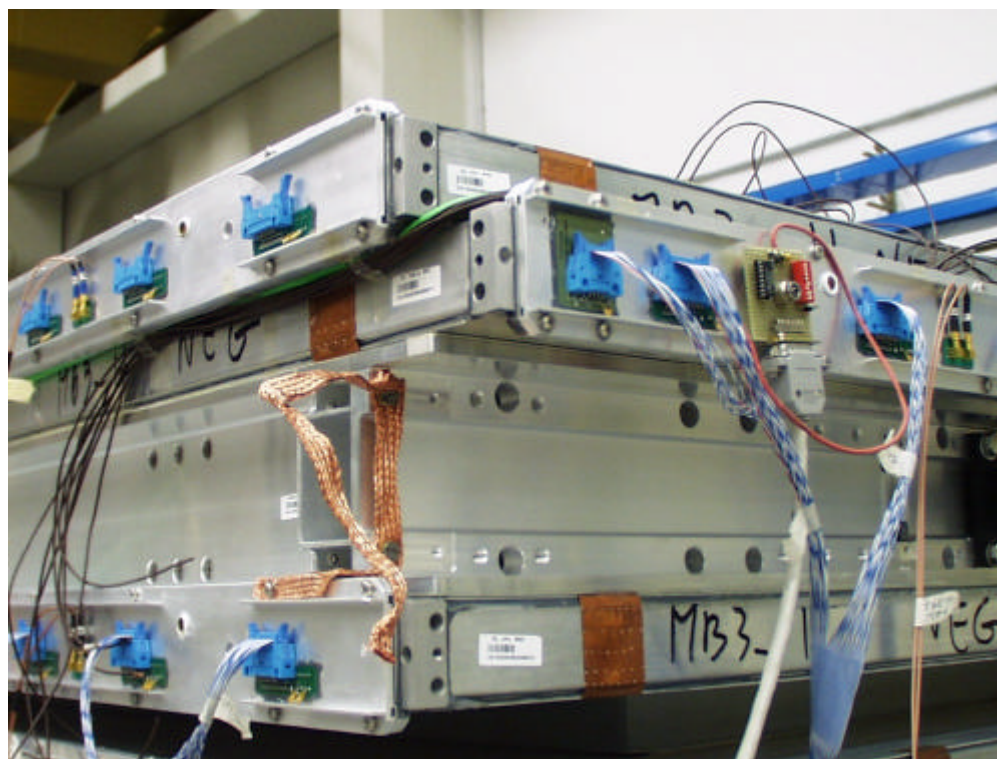
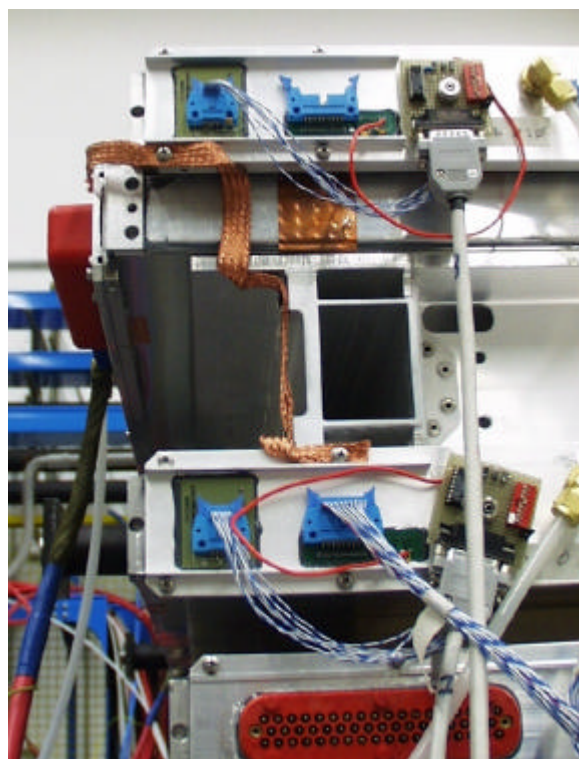
MB-1



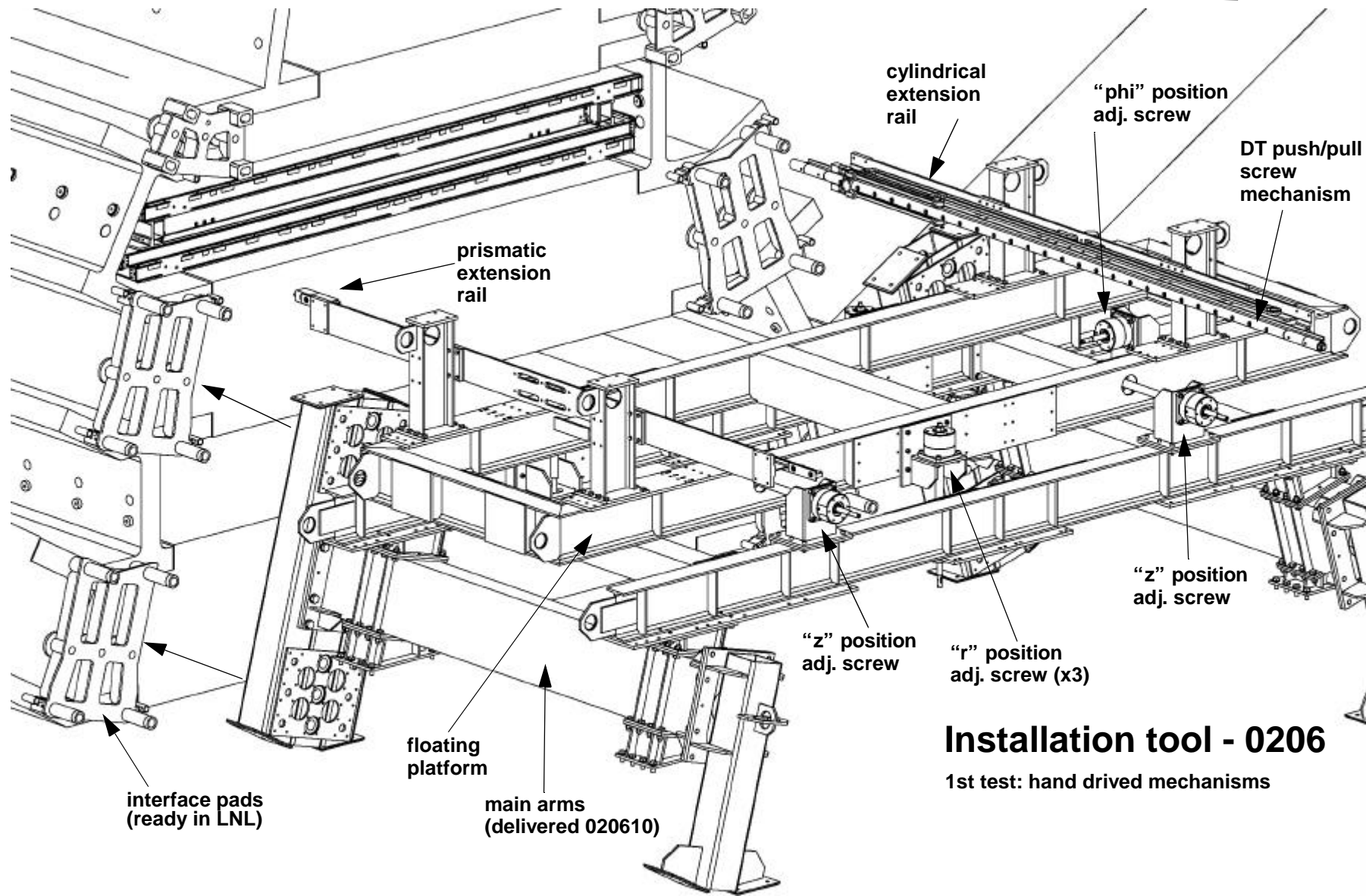
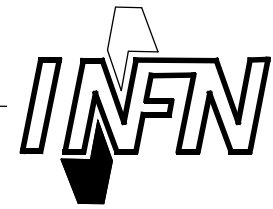
SECTION A-A

SECTION B-B



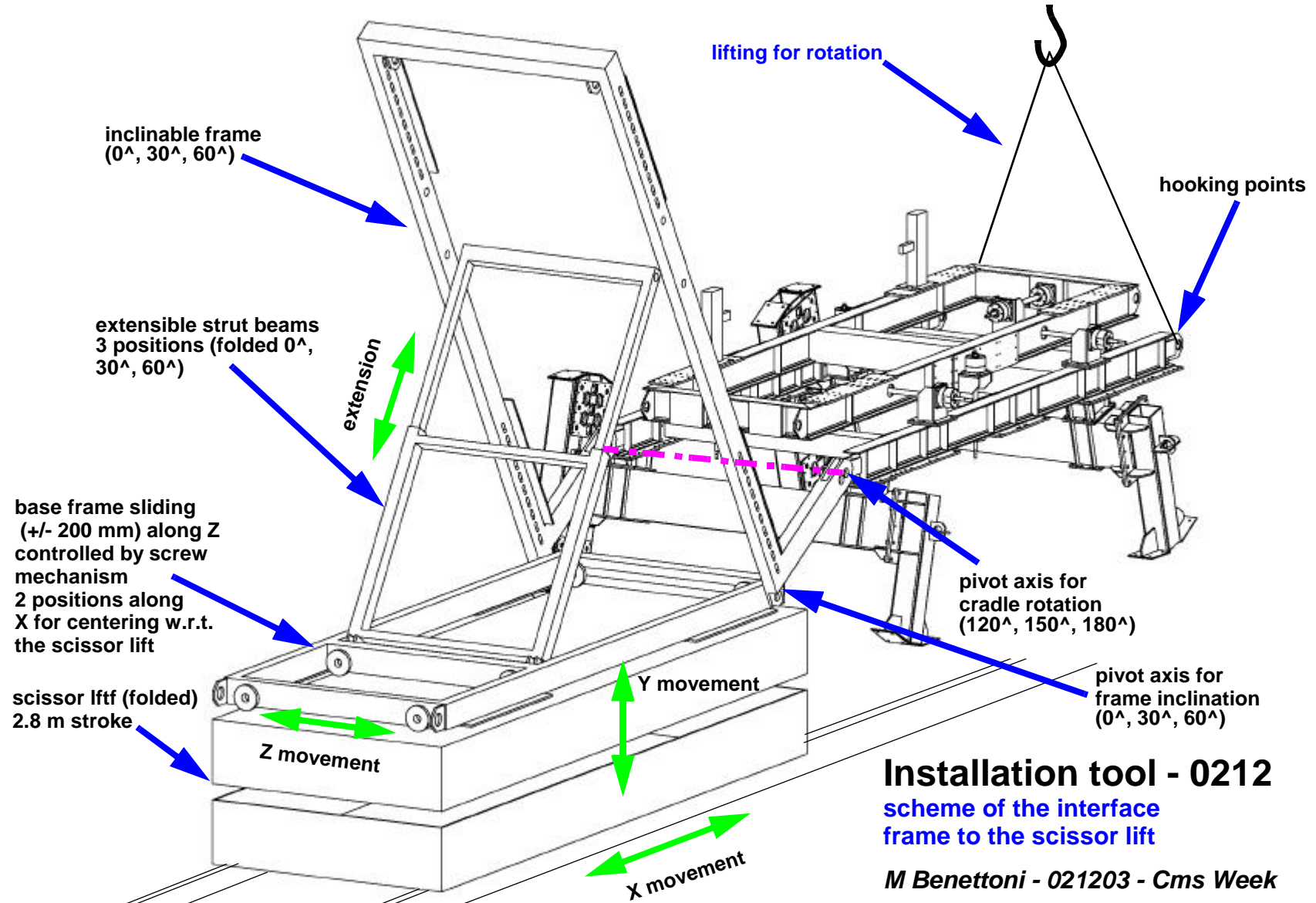
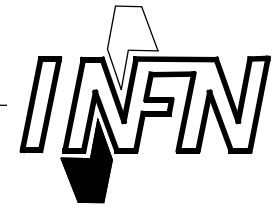


- As proposed by Matteo, t.b.checked w.r.t. the insertion tool and Z-stop



Installation tool - 0206

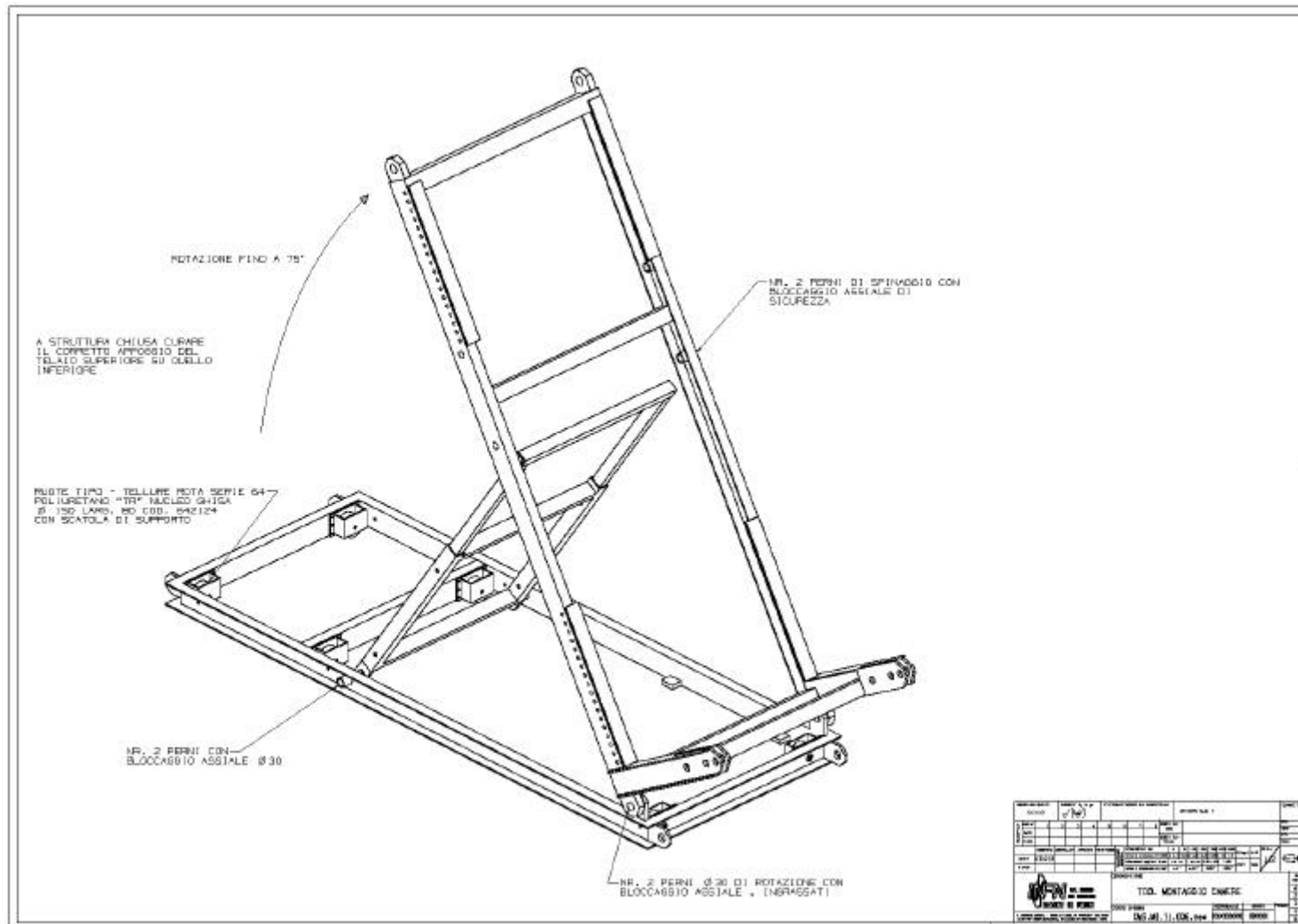
1st test: hand driven mechanisms



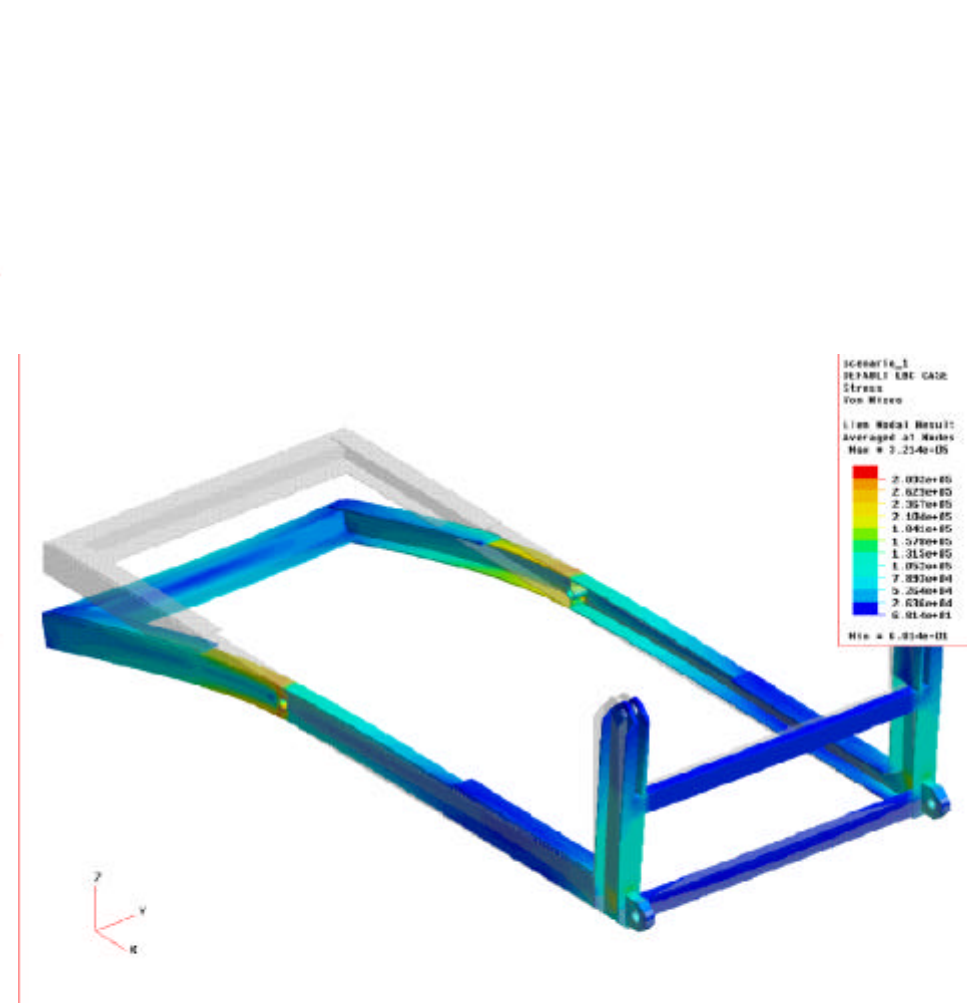
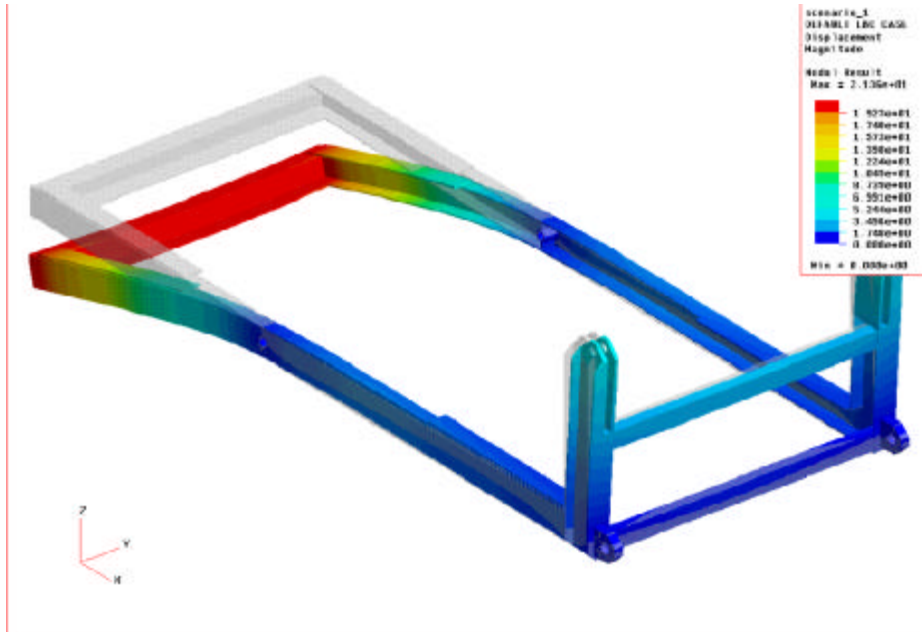
Installation tool - 0212
scheme of the interface
frame to the scissor lift

M Benettoni - 021203 - Cms Week

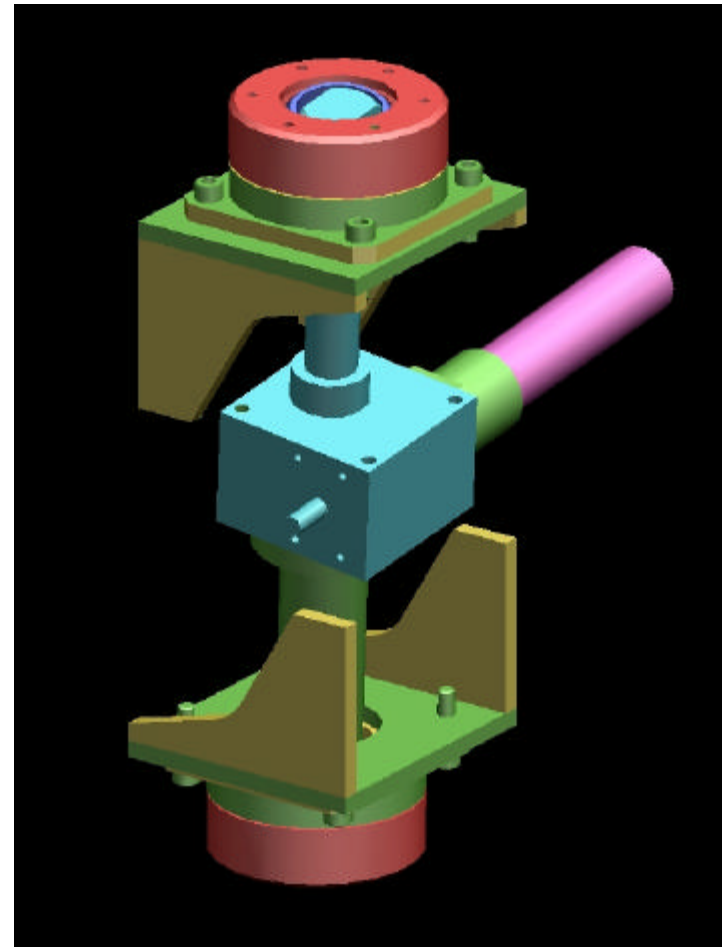
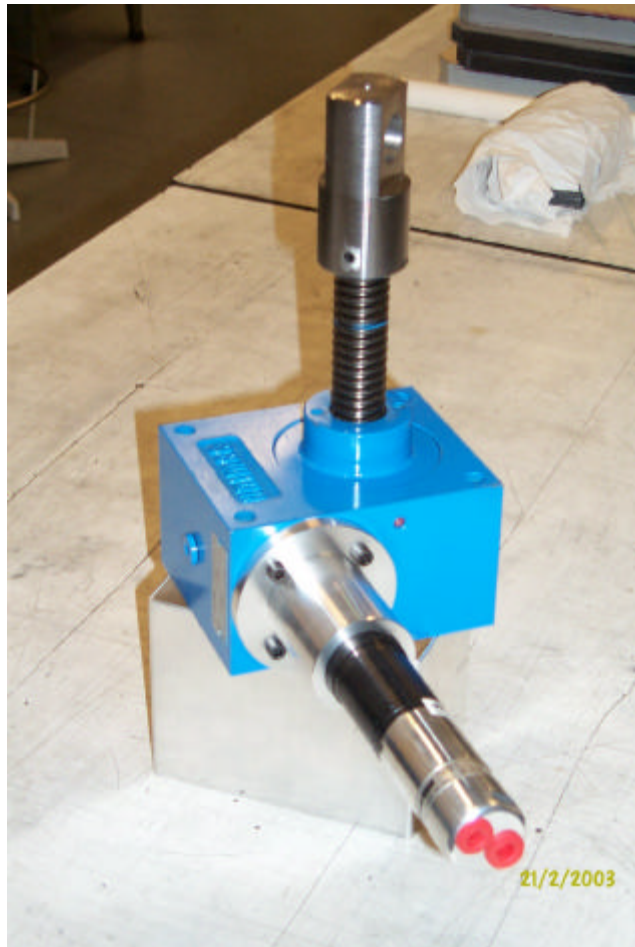
Frame t.b. mounted on top the scissor lift expecting offers by 5th of March



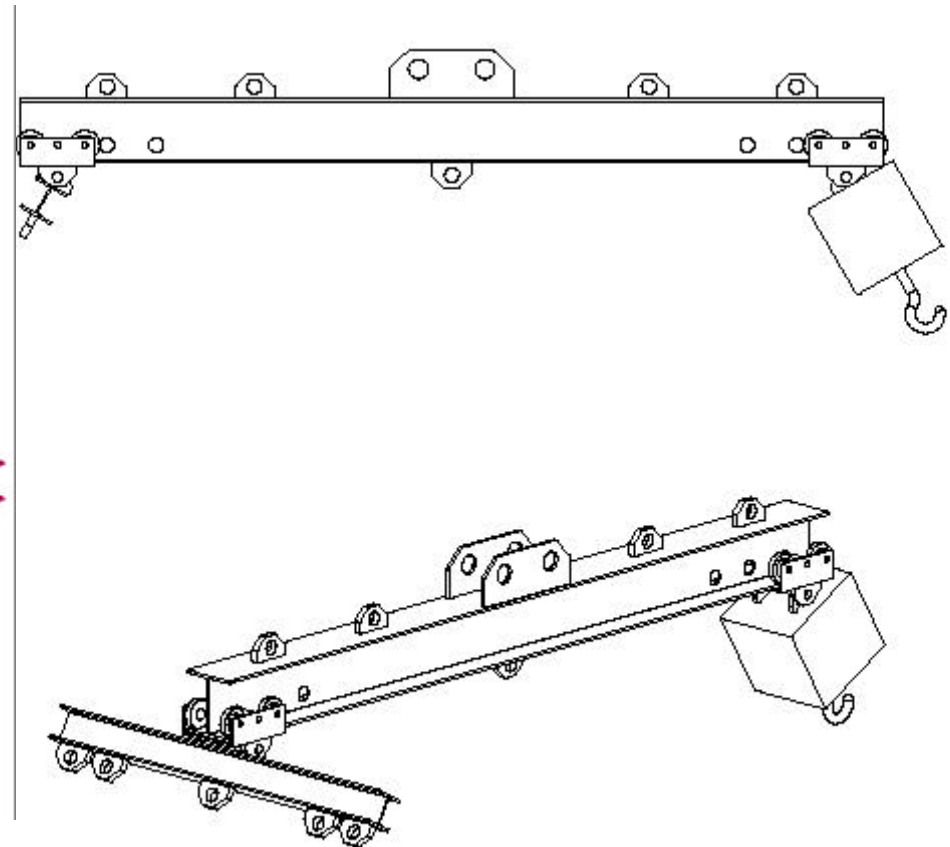
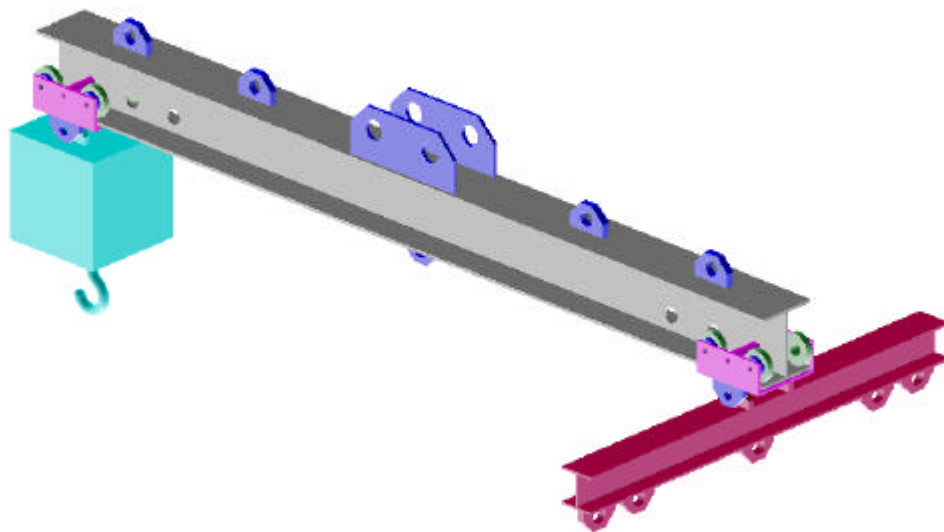
FEA analysis of frame t.b. mounted on top the scissor lift



Screw jack moved by air motor for installation tool alignment

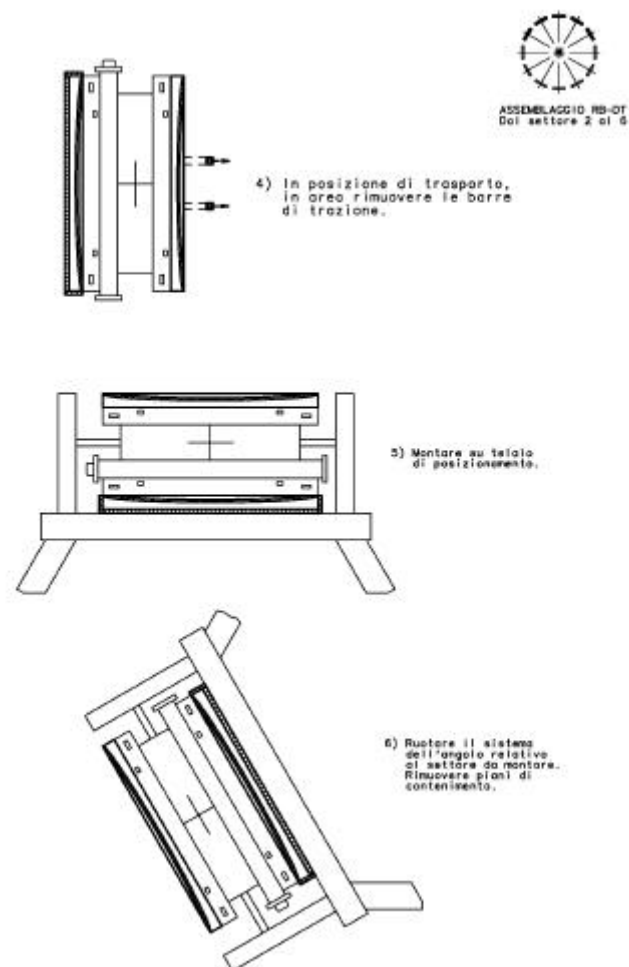
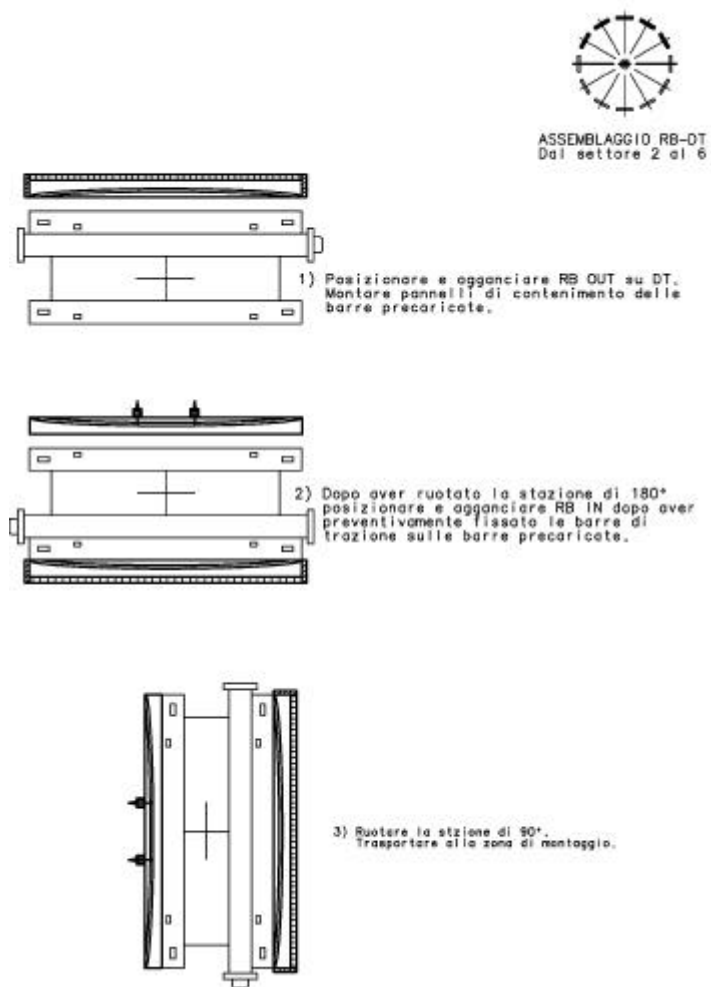


Balance beam with winch for installation tool inclination



RPC coupling to DT & pre-load compensation

Drawings by Antonio Clemente, INFN Bari

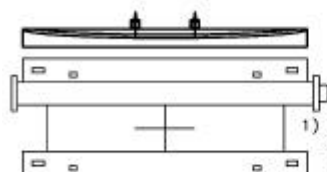


RPC coupling to DT pre-load compensation

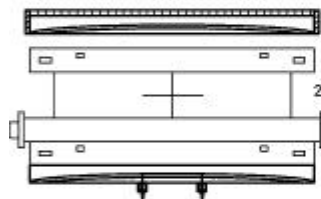
Drawings by Antonio
Clemente, INFN Bari



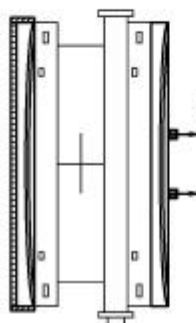
ASSEMBLAGGIO RB-DT
Dal settore 8 al 12



1) Posizionare e agganciare RB OUT su DT dopo aver preventivamente fissato le barre di trazione sulle barre precaricate.



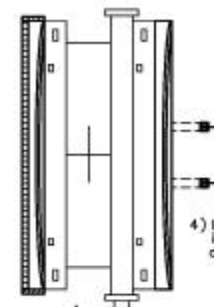
2) Dopo aver ruotato la stazione di 180°, posizionare e agganciare RB IN su DT. Montare pannelli di contenimento delle barre precaricate.



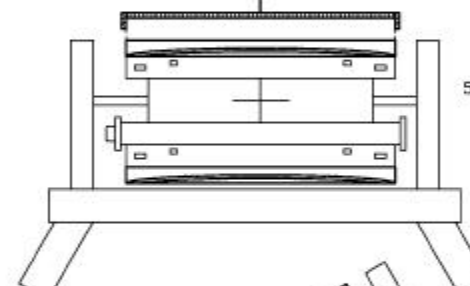
3) Ruotare la stazione di 90°. Trasportare alla zona di montaggio.



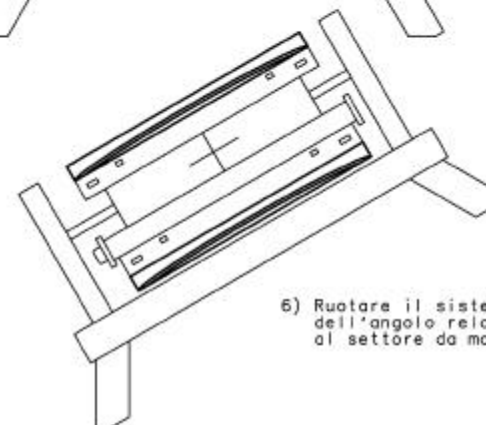
ASSEMBLAGGIO RB-DT
Dal settore 8 al 12



4) In posizione di trasporto, in area smontare barre di trazione.



5) Montare su telaio di posizionamento, rimuovere i piani di contenimento.



6) Ruotare il sistema dell'angolo relativo al settore da montare.