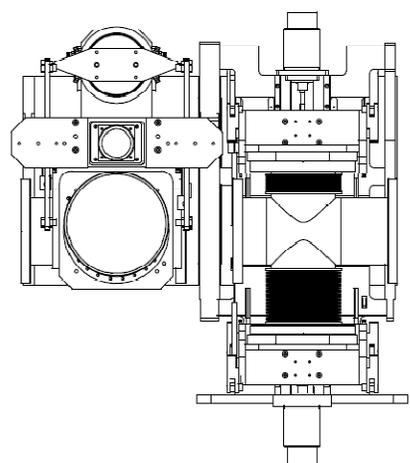
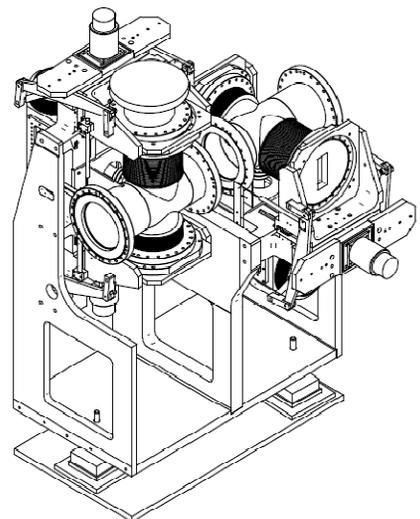
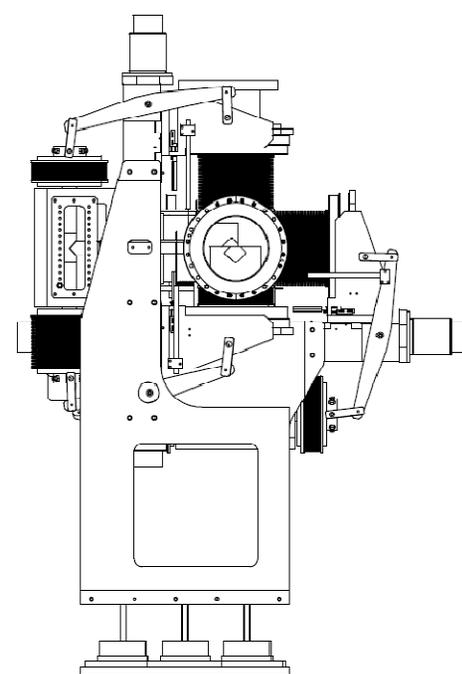
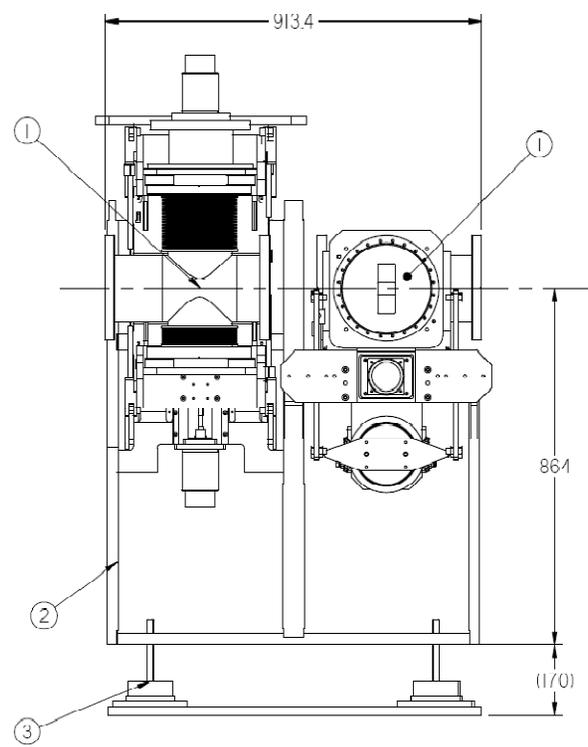
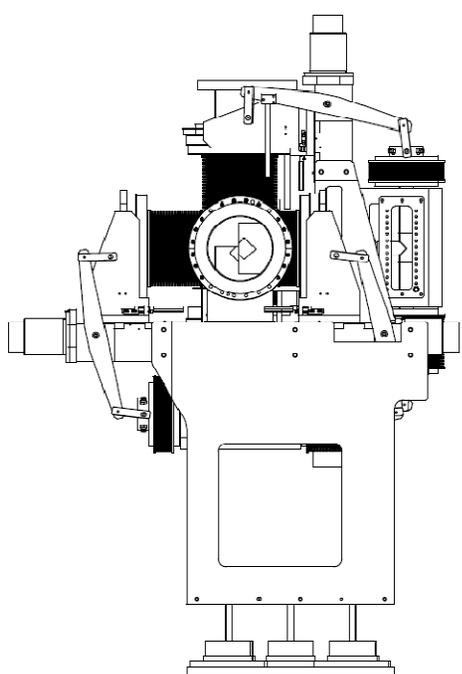


Roman Pot II for UA9

**M.Oriunno, J.Amann,
SLAC**

UA9 collaboration meeting March 25, 2009

SLAC Deliverable

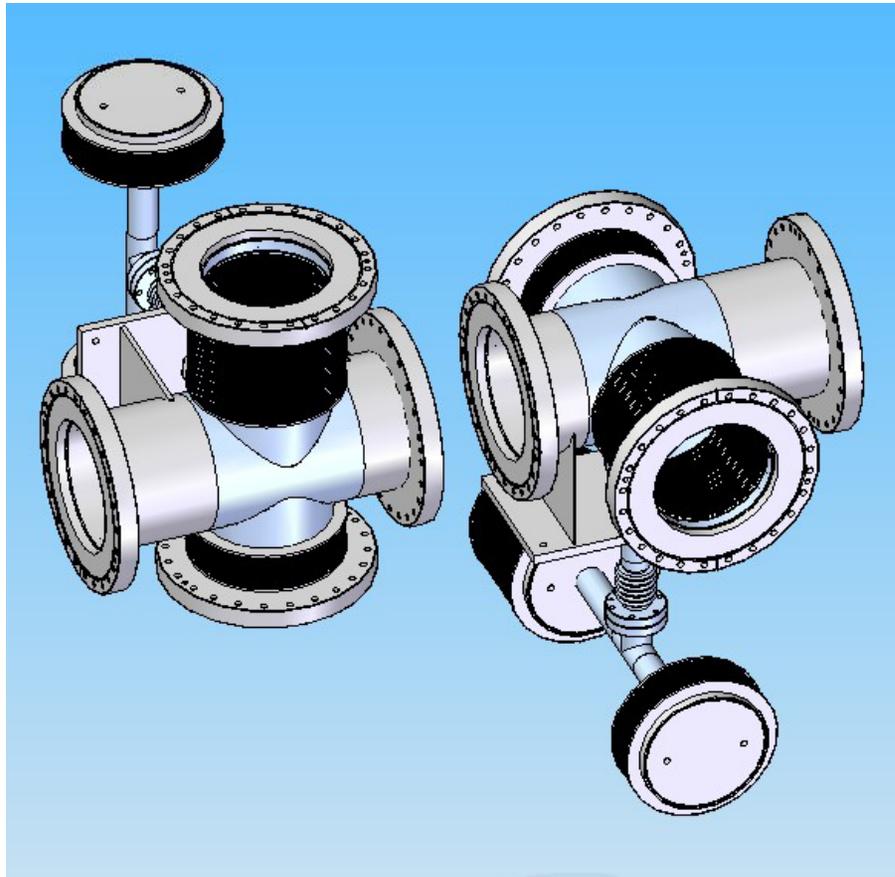


4	Interconnection below	1	
3	Joints	1	
2	Supports	1	CRP135
1	vacuum assembly	2	CRP170
Item	File Name (no extension)	Qty	Drawing Number

APPROVED AND FORWARDED: _____ TITLE: _____ NAME: _____ NEXT ASSEMBLY: _____		SCALE: _____ DO NOT SCALE DRAWING STANFORD LINEAR ACCELERATOR CENTER 300 SAND HILL DRIVE STANFORD, CALIFORNIA 94305-5080 TEL: (415) 495-7000 FAX: (415) 495-7001 WWW: SLAC.SLAC.SI	CAD FILE NAME: _____ CRP177 DRAWING NUMBER: _____ REVISION NUMBER: _____
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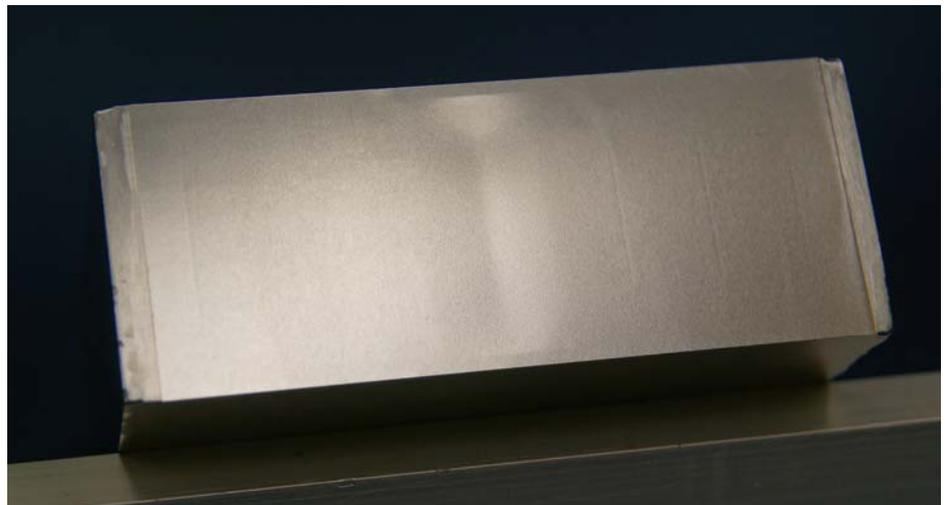
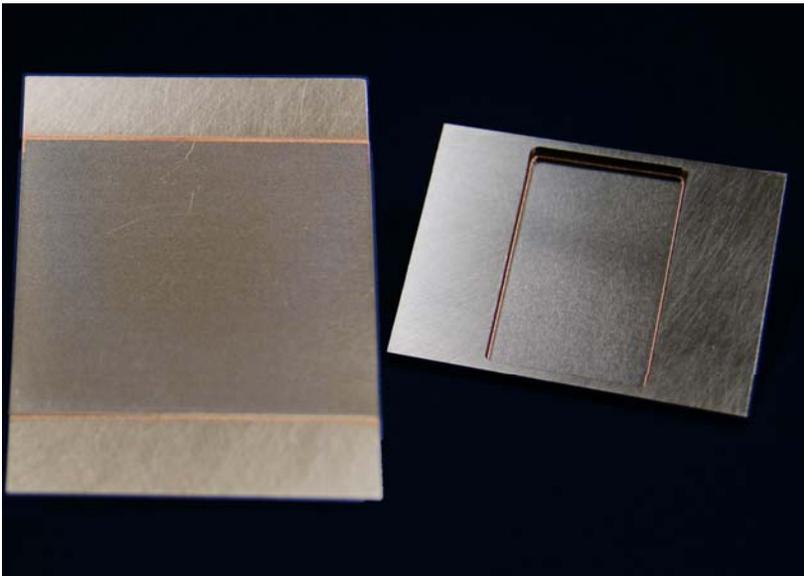
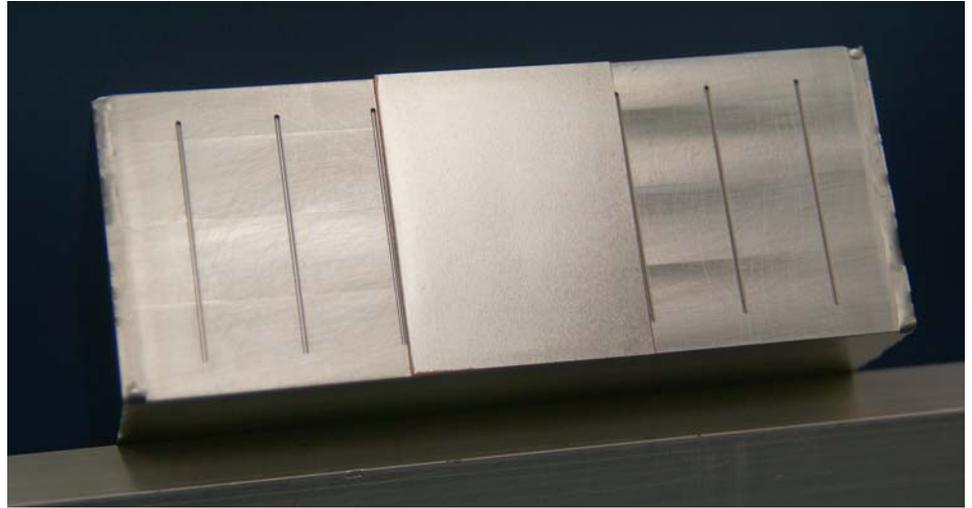
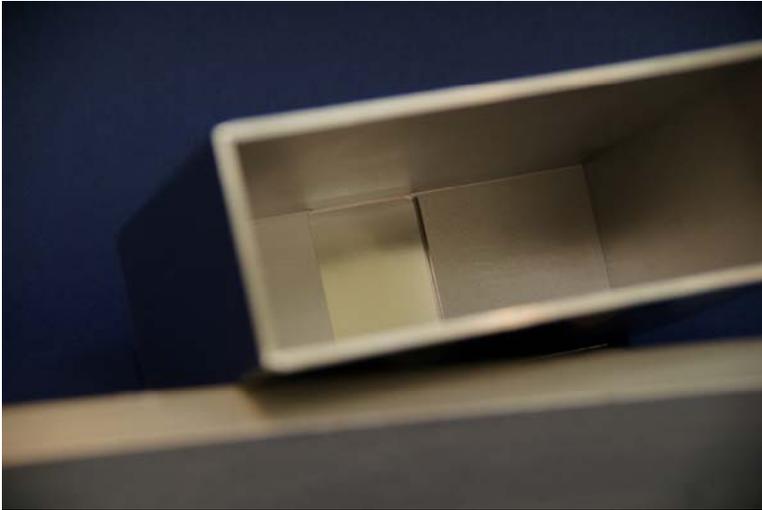
Vacuum chambers

1. All the technical drawings were completed in January
2. Two Vacuum Chambers sets are in fabrication at VakuumPraha, delivery expected at CERN first week of April.
3. Still missing for the final production two DN40CF flanges, expected to be shipped from CERN asap.



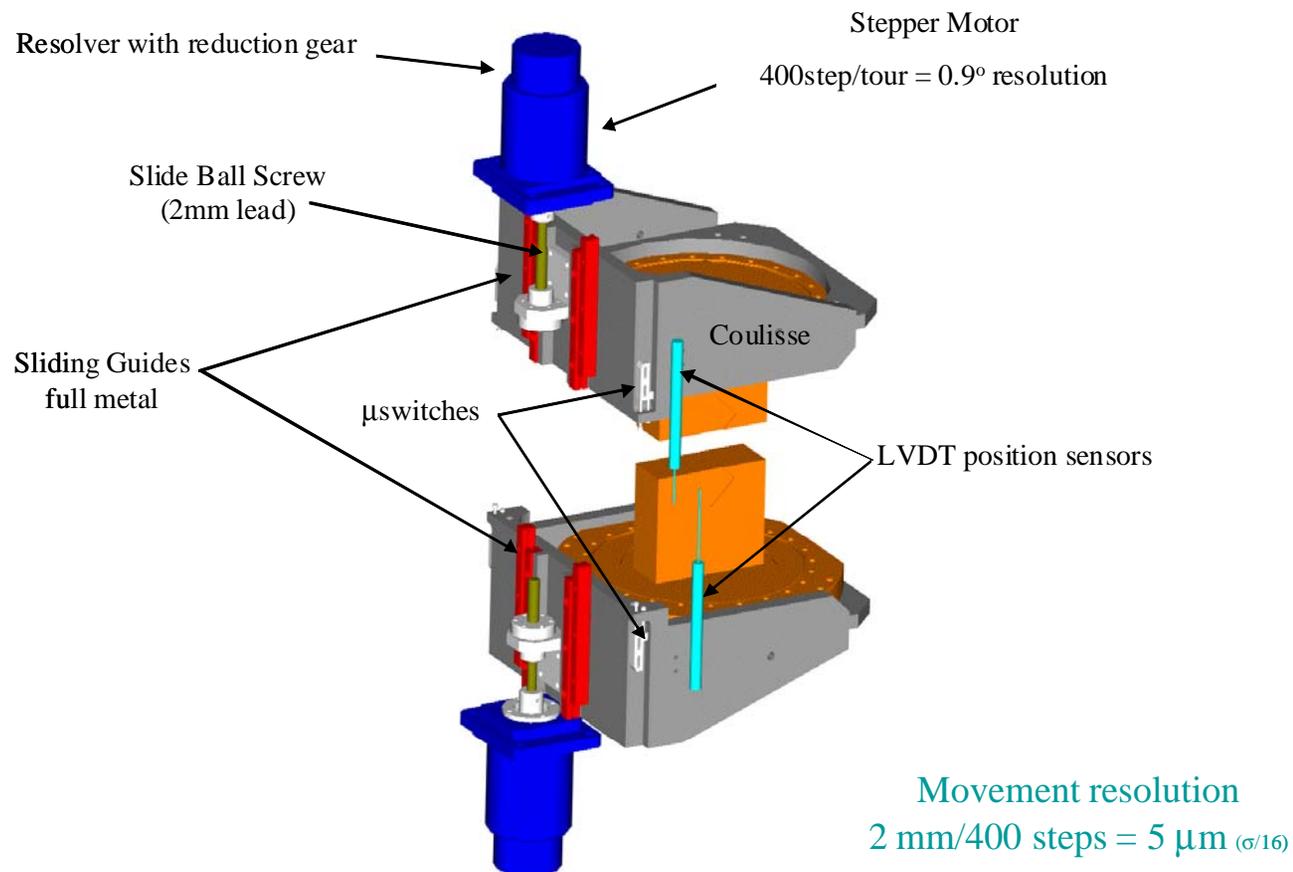
Thin window pot (J.Amann)

Four thin window pots are being machined at SLAC. They are expected to be ready soon and delivered at CERN second half of April



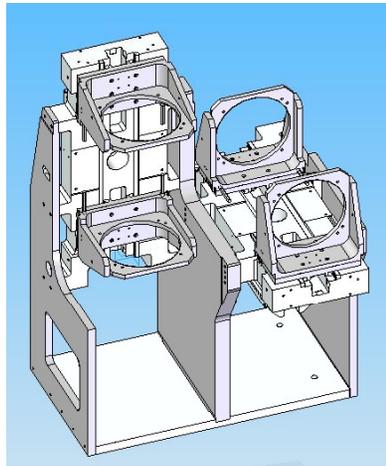
Movements & Mechanism

1. The linear screws for the movement of the pots has not yet been ordered.
2. We have problem to find the right length in time and in budget.
3. So far we have got an offer for ~3000chf/piece with 8 weeks deliver

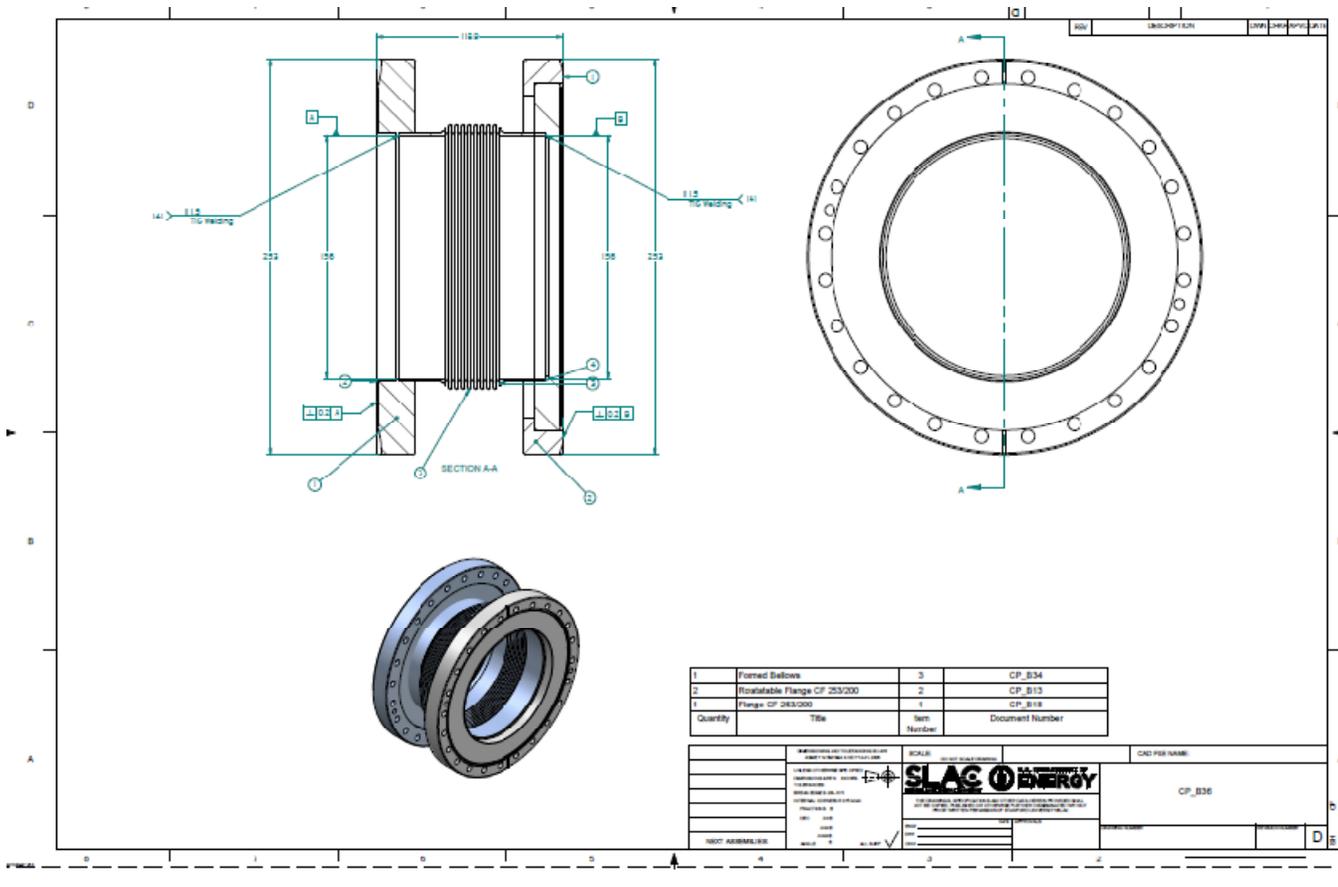


Stands and Support

1. The drawings for stands and supports have been transmitted to CERN. The plan is to outsource the fabrication through the main workshop, as already done in the past for TOTEM.
2. We gained some delays respect to the original schedule, since an assembly master drawing referencing all standard part is requested to launch the fabrication. This can be very long since its is a long procedure and we do not have manpower available right now.
3. One can still try convince the CERN main workshop to go ahead without a specific master drawing
4. All the standard parts are already referenced in the assembly drawings for TOTEM, which can be used at this purpose



1. The interconnection bellow between the Roman pot has been designed.
2. We received two offers: one cheaper but with longer leading time, one more expensive with shorter delivery at CERN
3. We plan to proceed with the last one to catch up the delay



Interfaces and Integration

1. The integration in the SPS tunnel has been understood and agreed
2. CERN is making the supports for the fixation of the Roman pot on the ground
3. We assume that the bellows interconnecting the Roman Pots to the SPS are provided by the Vacuum group
4. Motors and switches are provided by CERN, as well as the cabling and the interlock with the control room.

Items on the critical path for the installation in the SPS on May 25th

Linear screws

Stand and supports

We are trying all the effort to meet this date, SLAC PPA management has been very supportive to push through UA9 in the priorities of the machine shop

CERN has been very helpful so far

Many activities have moved at CERN and in this critical phase we need even more help on strategic issues like technical coordination, logistics, purchasing and follow up of tendering and manufacturing of the last components