



MECCANICA JLAB12 CATANIA

Francesco Noto
UNIVERSITA' DI CATANIA



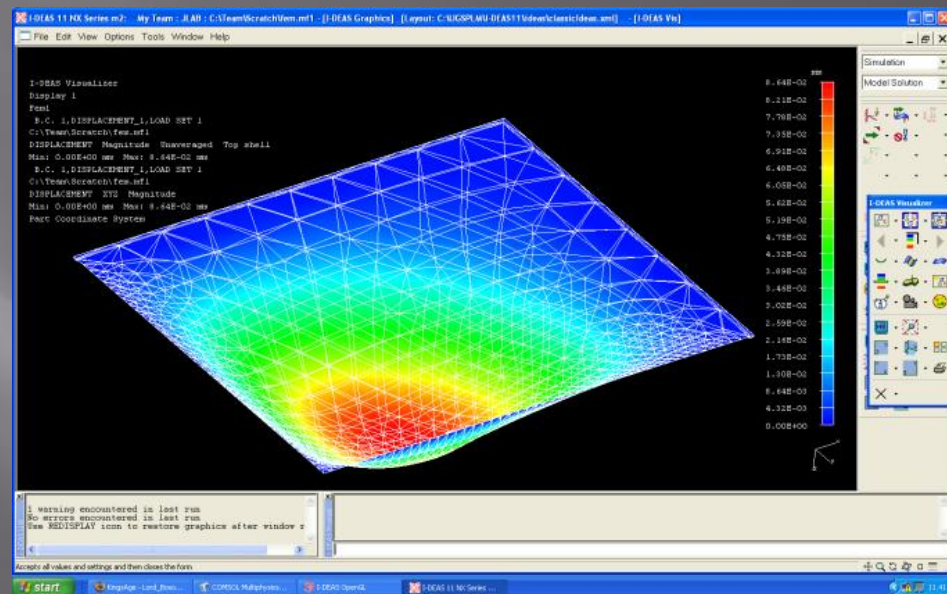
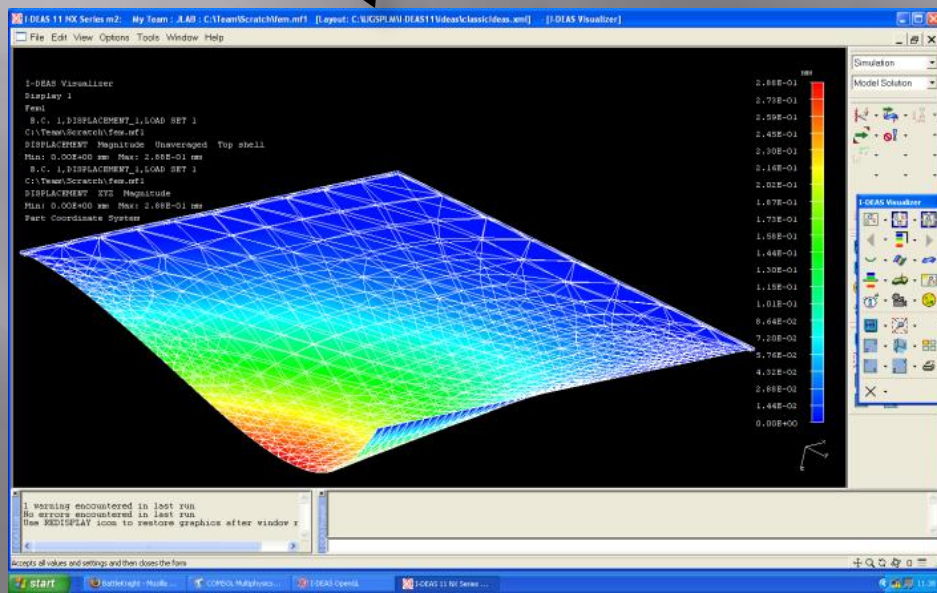
SOMMARIO

- ▣ SIMULAZIONE FRAME GEM
- ▣ SERVIZI GEM
- ▣ TENDIGEM
 - MECCANICA
 - ELETTRONICA
- ▣ CAMERA PULITA
 - SERVIZI
 - MECCANICA



SIMULAZIONE FRAME

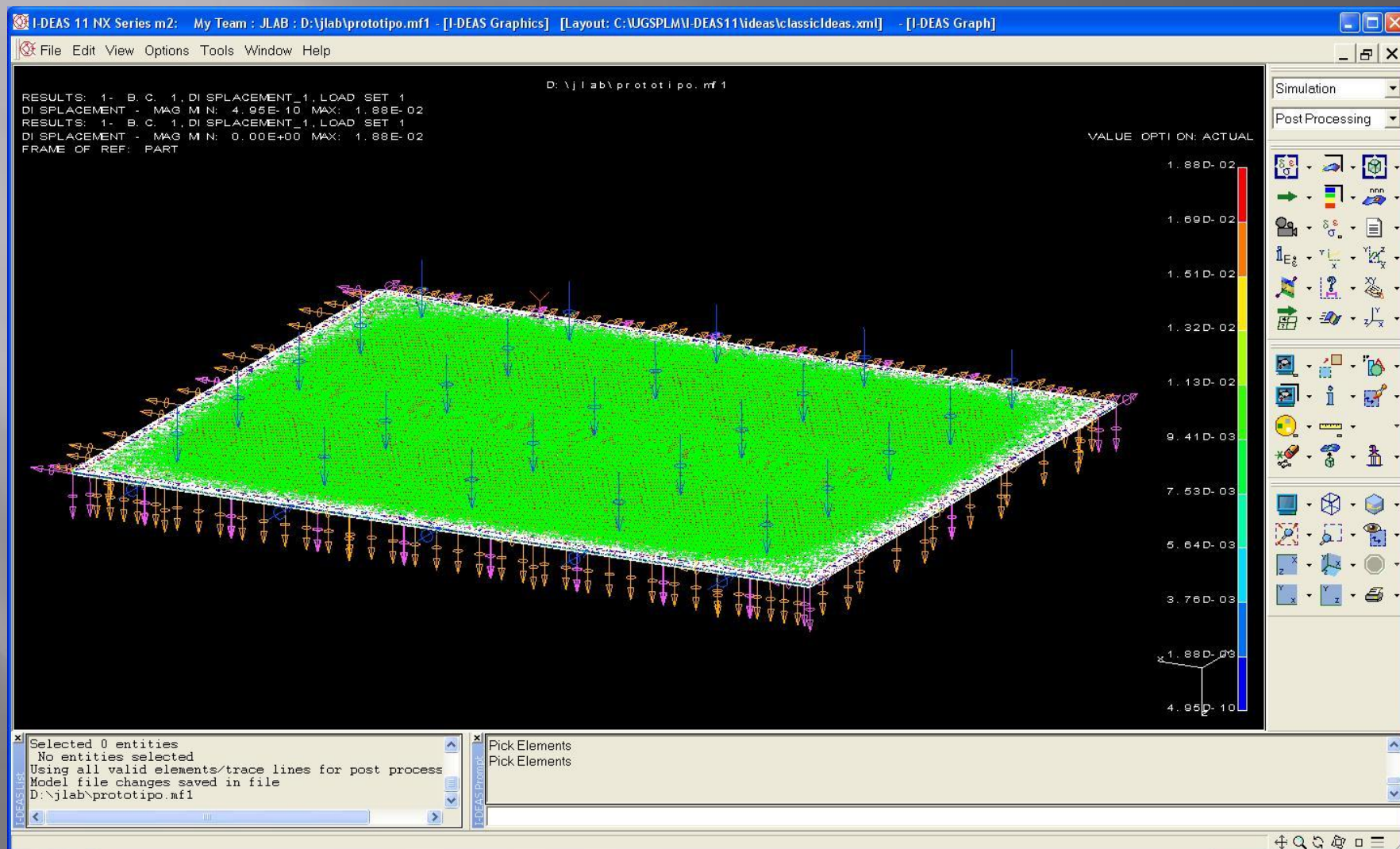
Simulazione con frame a L e un lato vincolato



Simulazione con frame a L e due lati vincolati



SIMULAZIONE FRAME





SIMULAZIONE FRAME

I-DEAS Visualizer

Frame 4 of 8

Display 1

Fem1

B.C. 1,DISPLACEMENT_1,LOAD SET 1

C:\sim_cern\prototipol(ass)3-10-2009.mfl

DISPLACEMENT Magnitude Unaveraged Top shell

Min: 0.00E+00 mm Max: 4.55E-02 mm

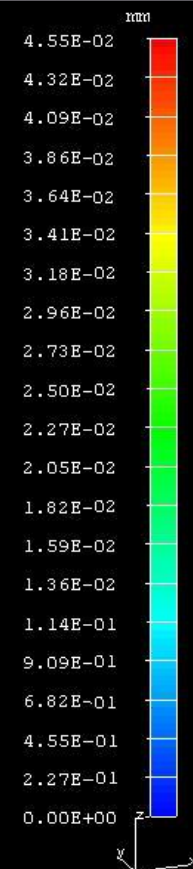
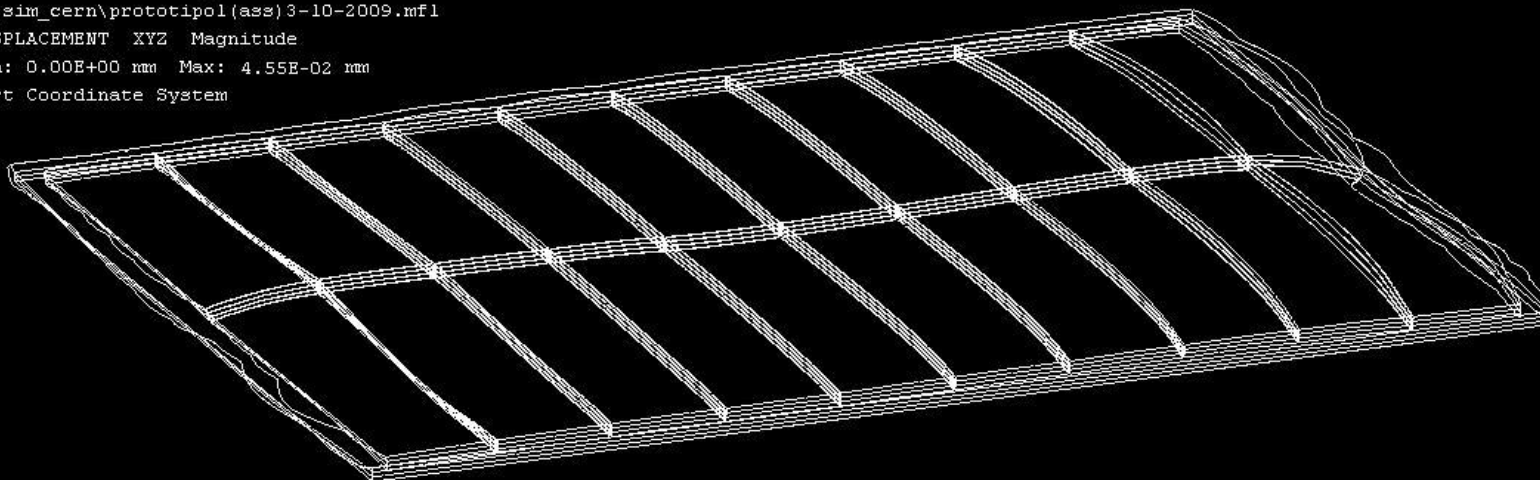
B.C. 1,DISPLACEMENT_1,LOAD SET 1

C:\sim_cern\prototipol(ass)3-10-2009.mfl

DISPLACEMENT XYZ Magnitude

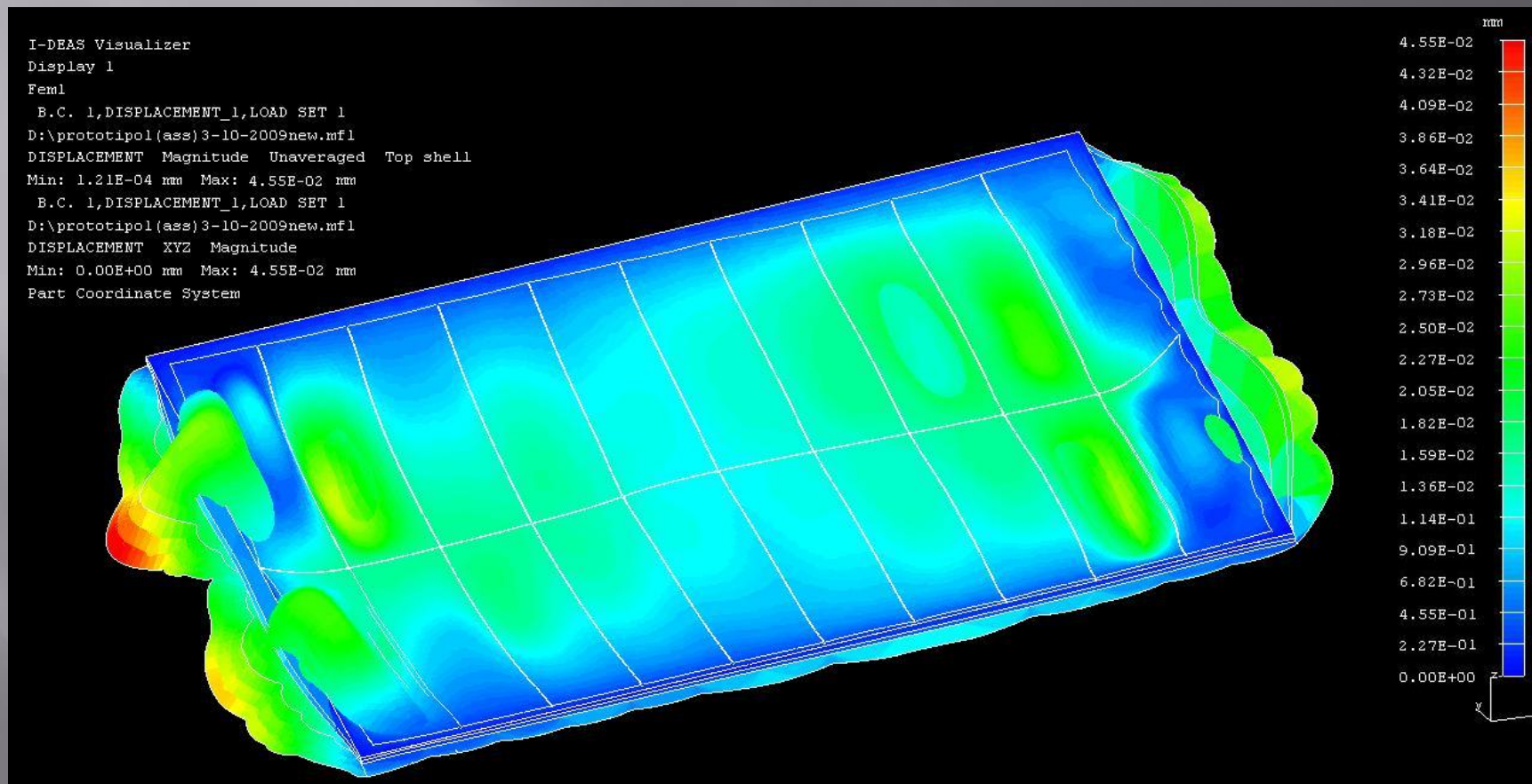
Min: 0.00E+00 mm Max: 4.55E-02 mm

Part Coordinate System





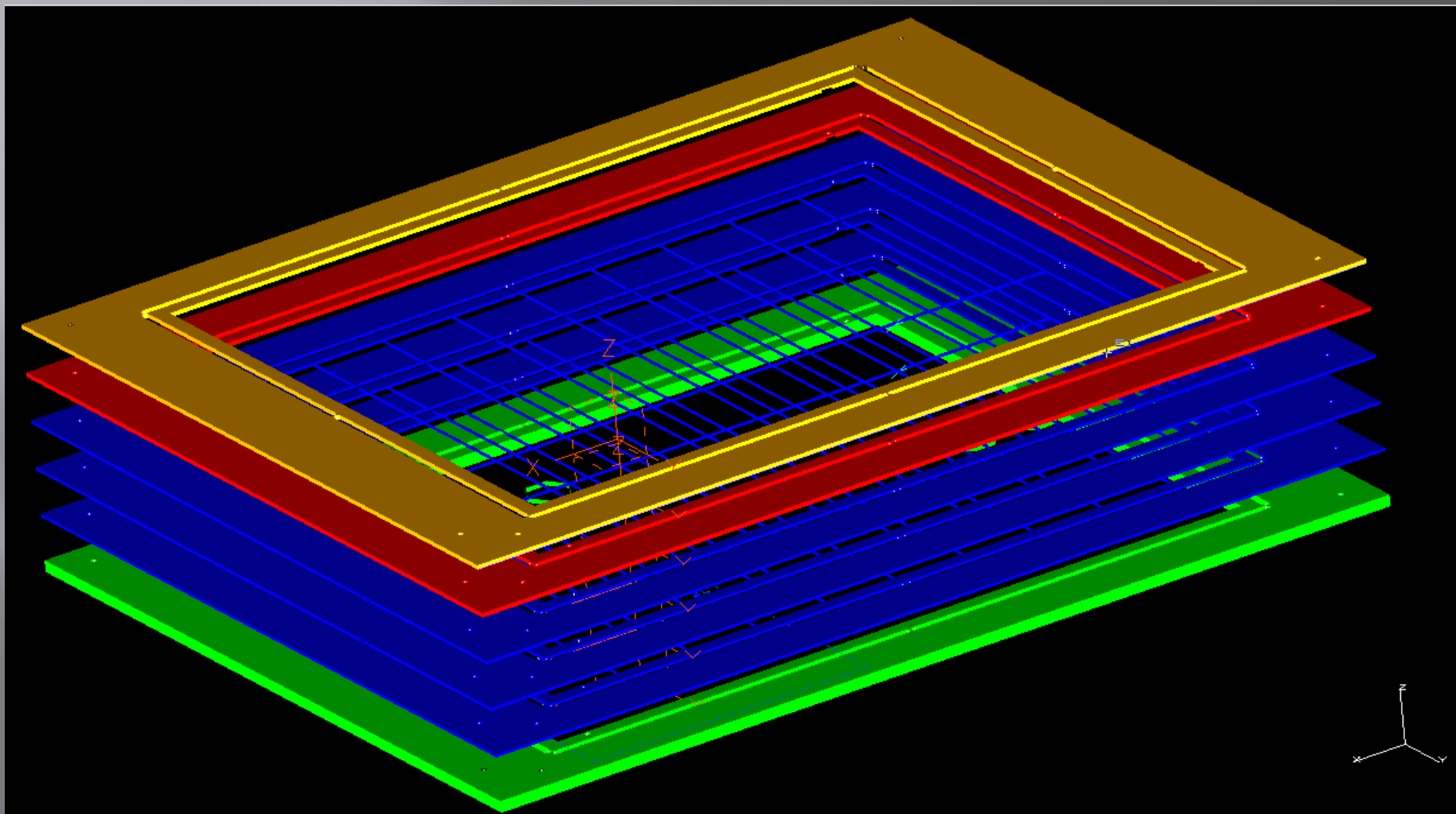
SIMULAZIONE FRAME





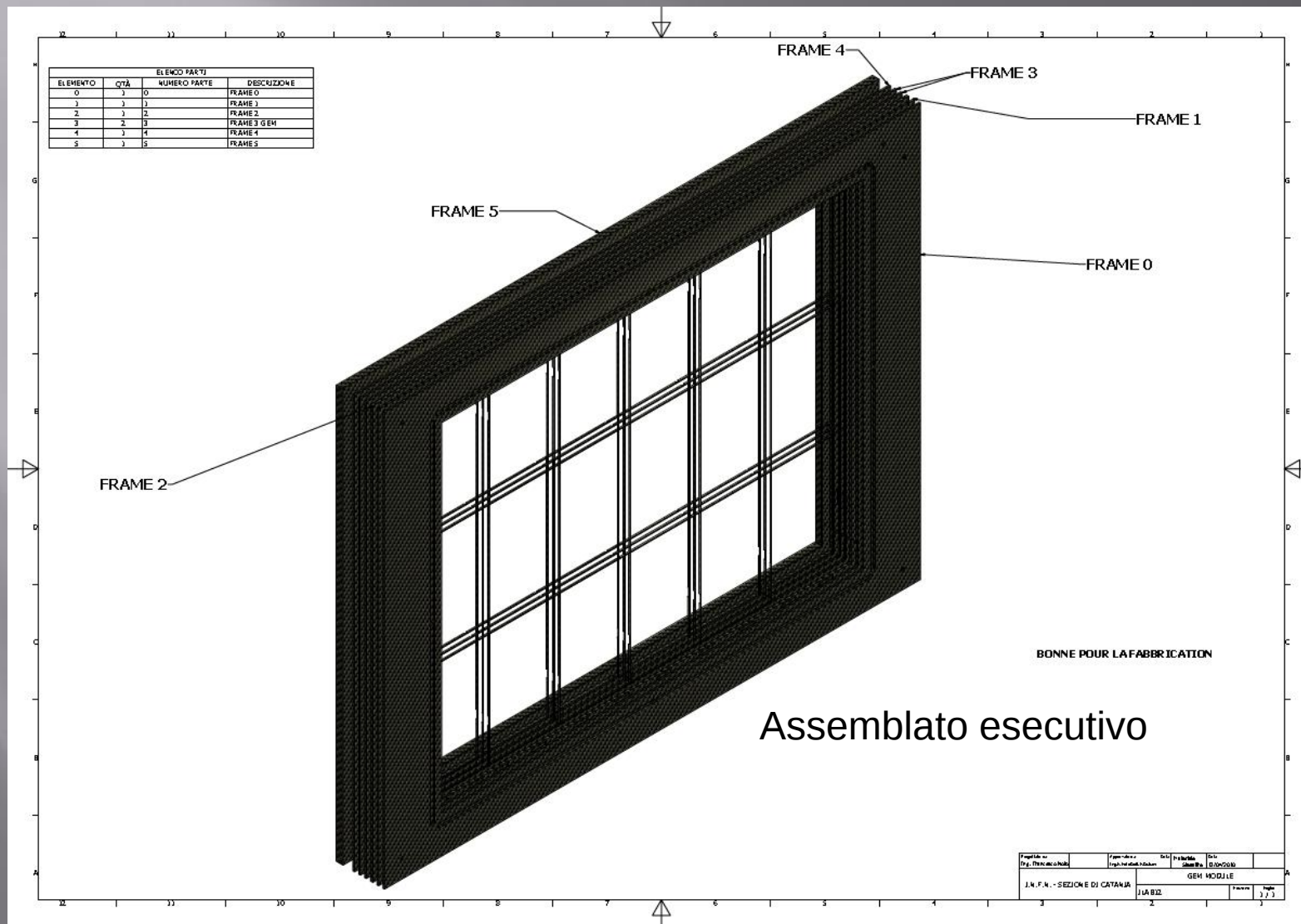
SIMULAZIONE FRAME

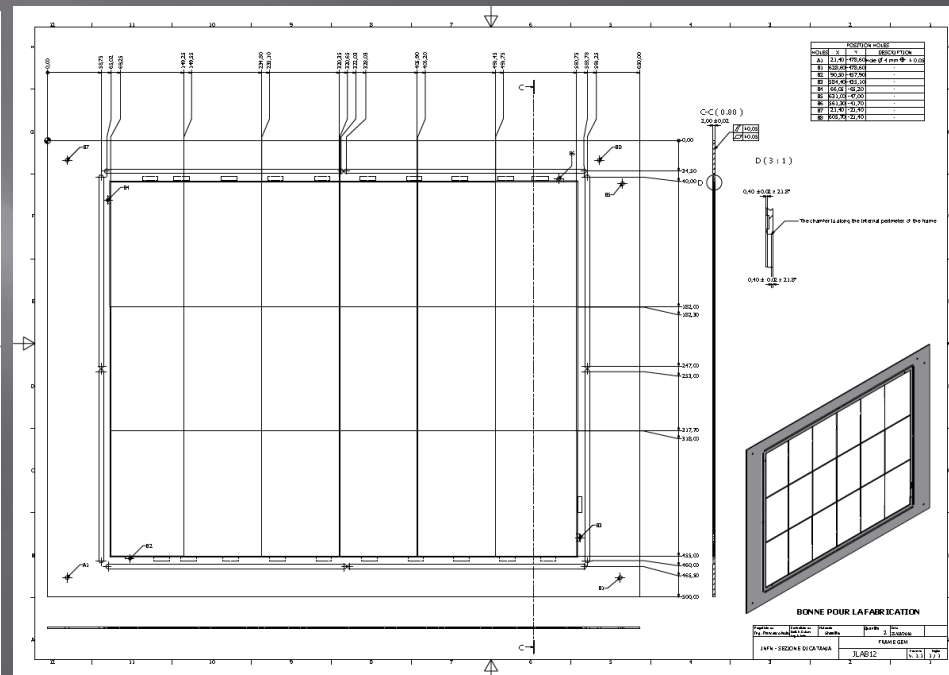
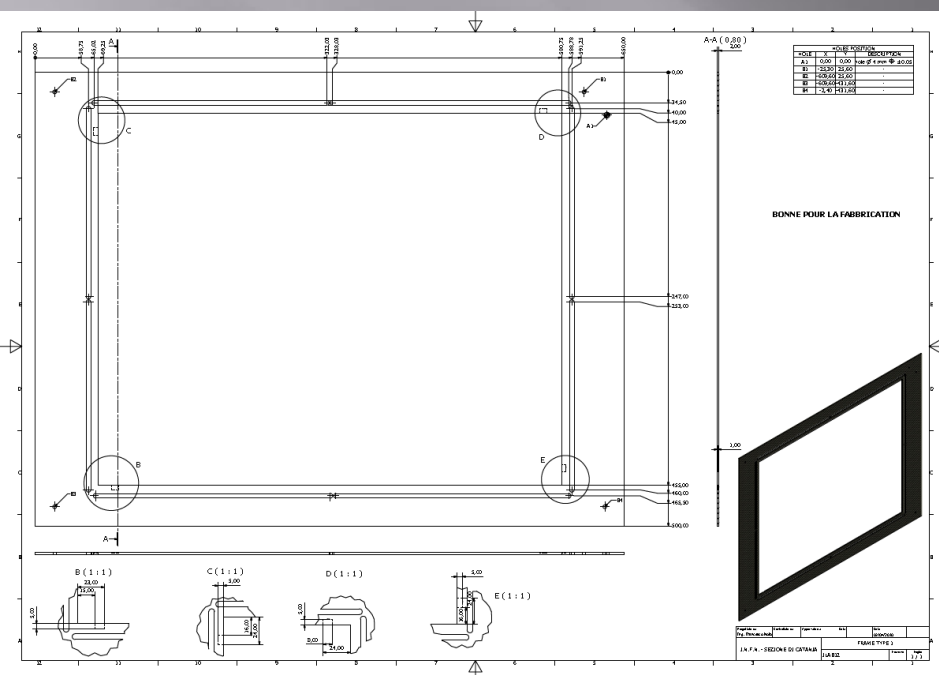
ESPLOSO DELLA CAMERA GEM





SIMULAZIONE FRAME

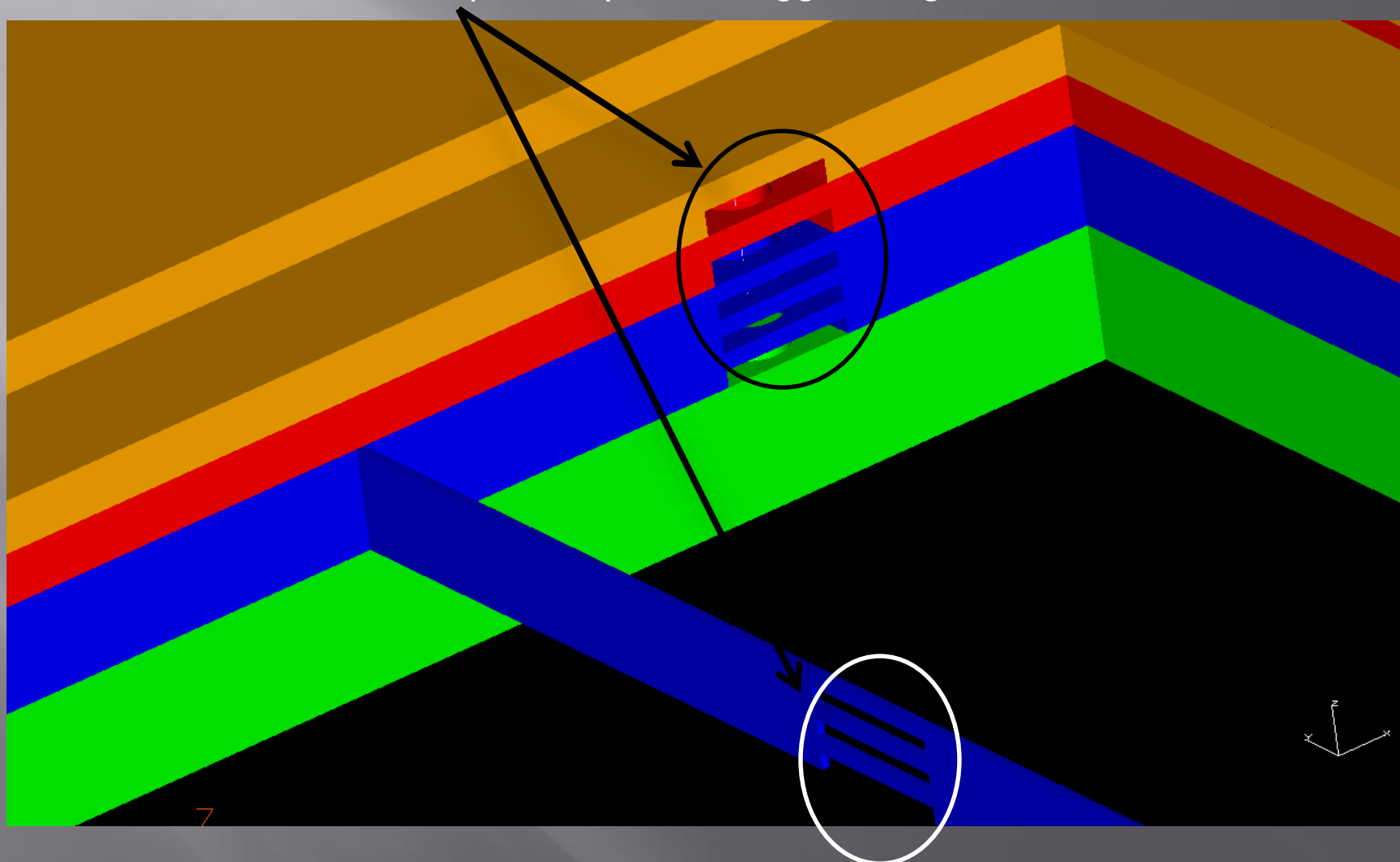






SIMULAZIONE FRAME

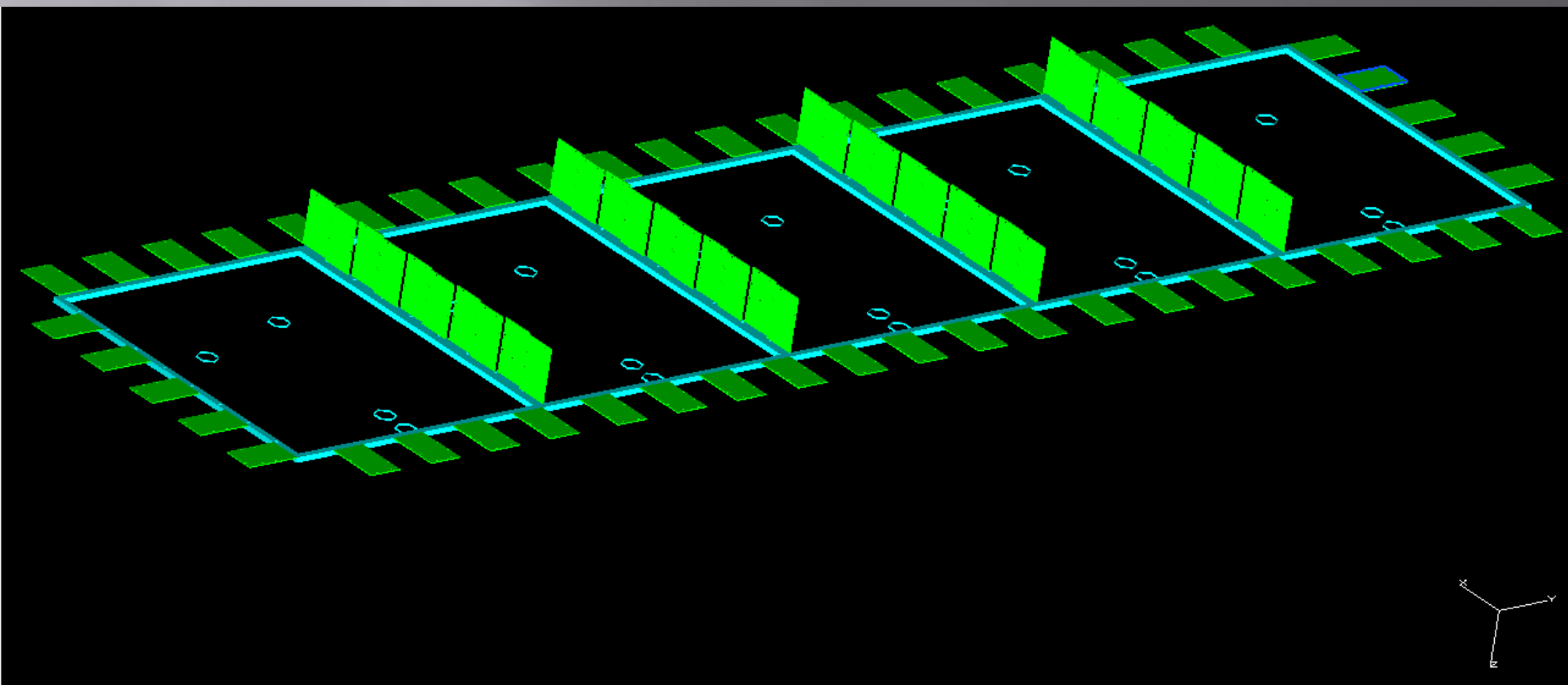
Particolare delle aperture per flussaggio del gas





SERVIZI

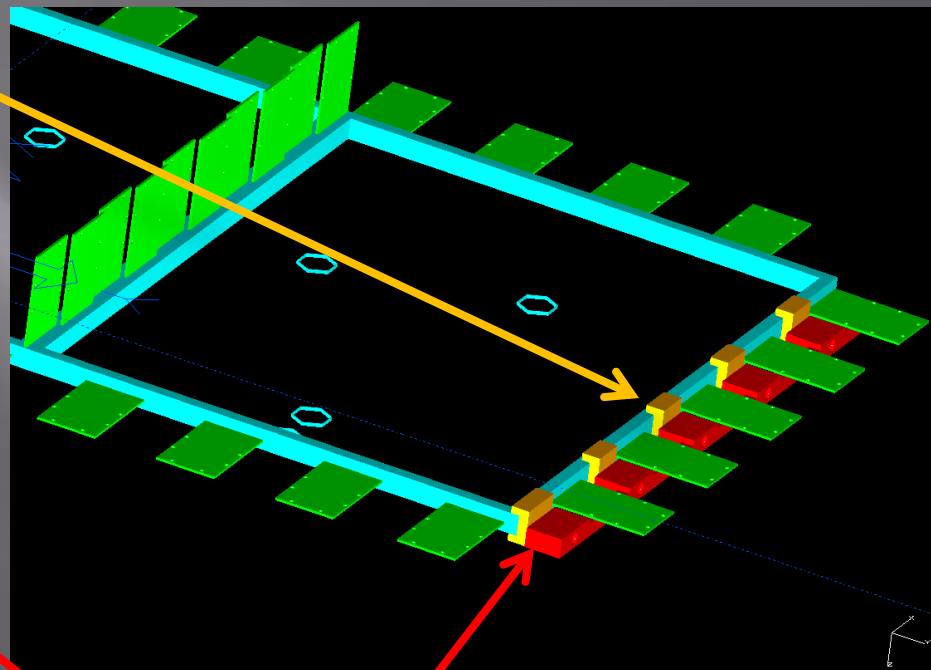
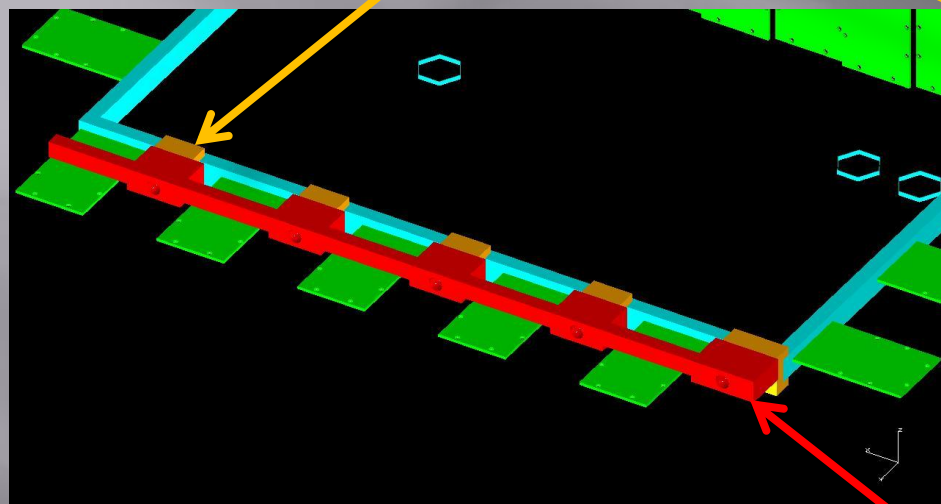
DISPOSIZIONE DELLE F-E CARD NEL MODULO





SERVIZI

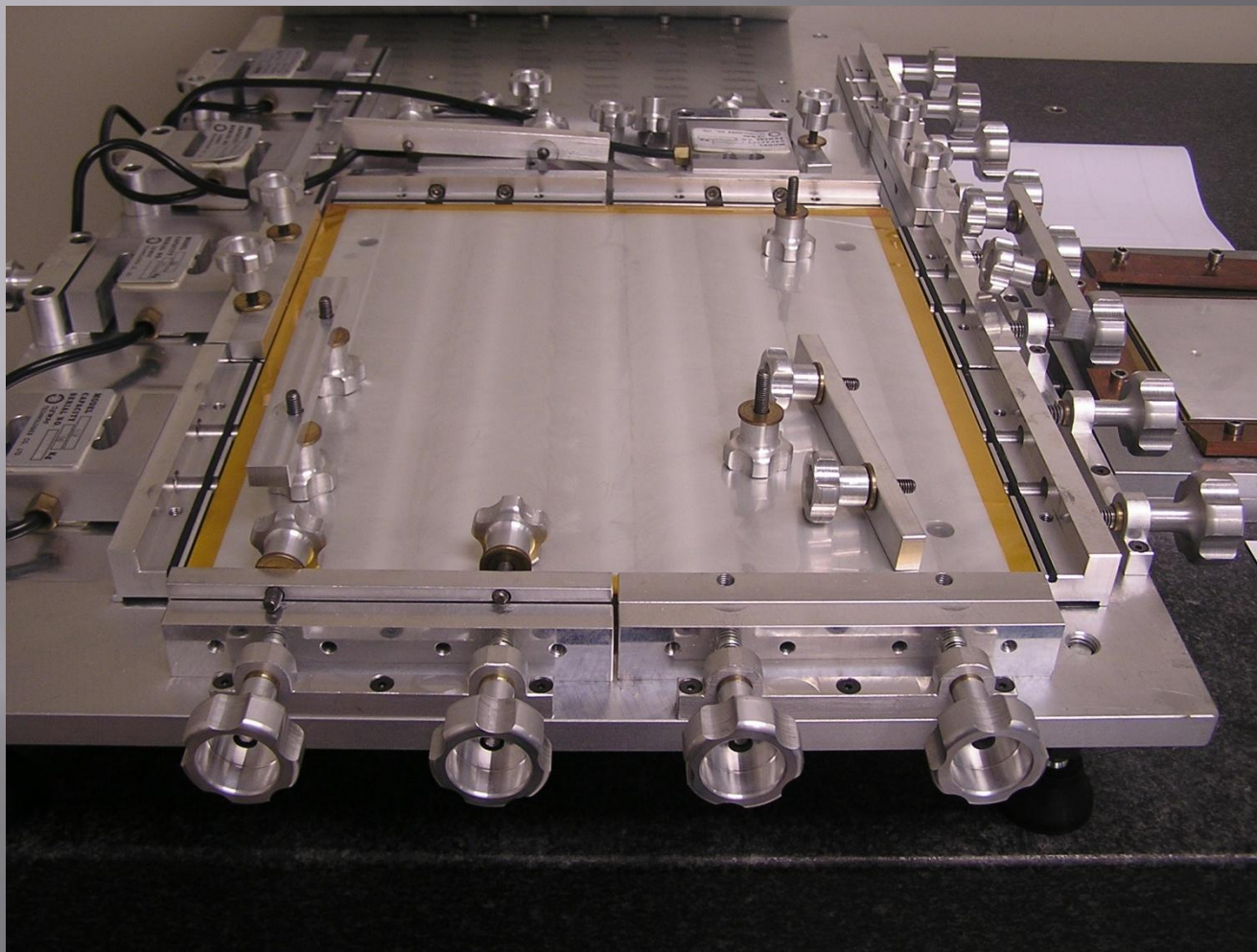
BRACKET



MANIFOLDS



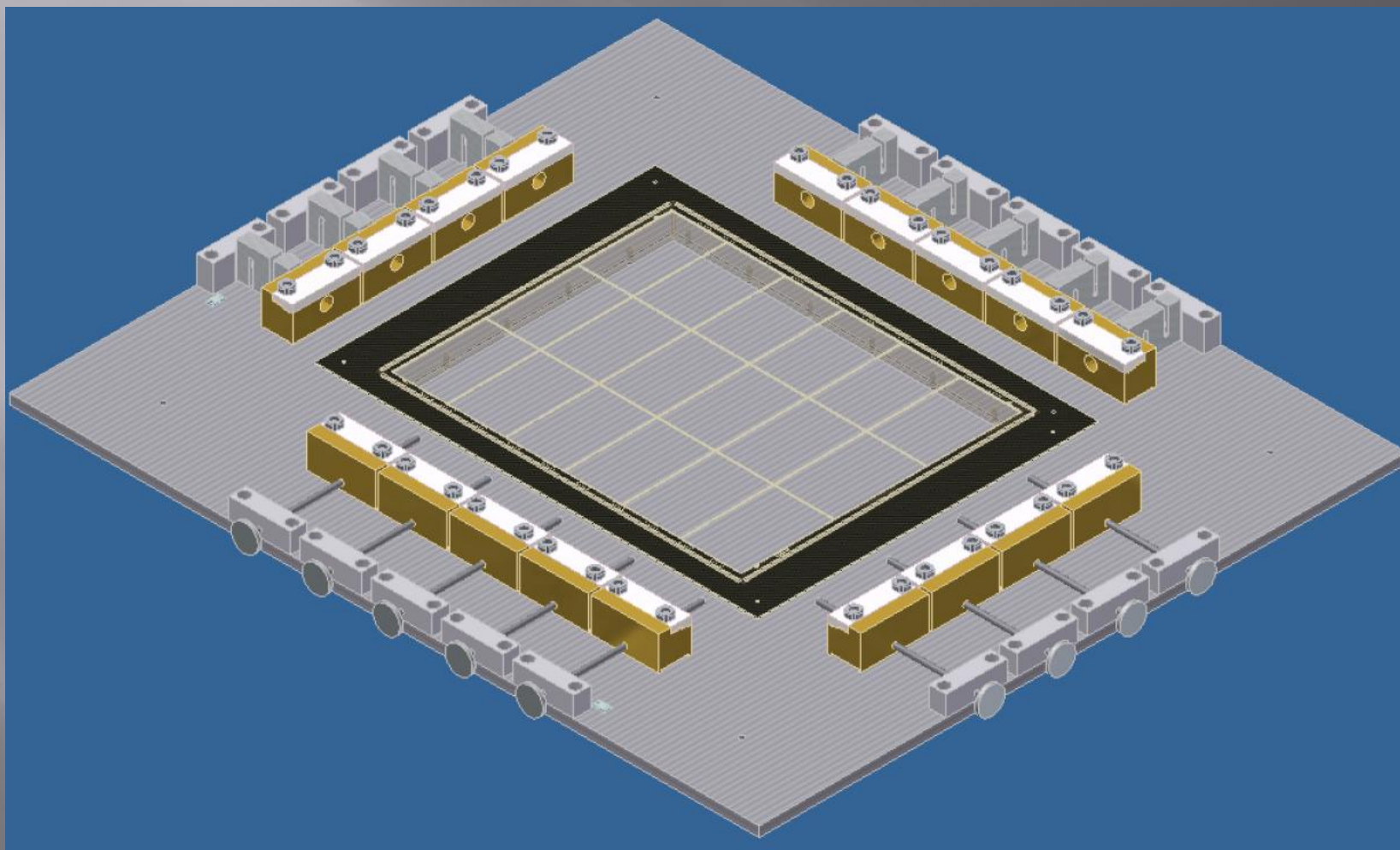
TENDIGEM - MECCANICA



TENDIGEM 20X20
AI LNF (BENCIVENNI)

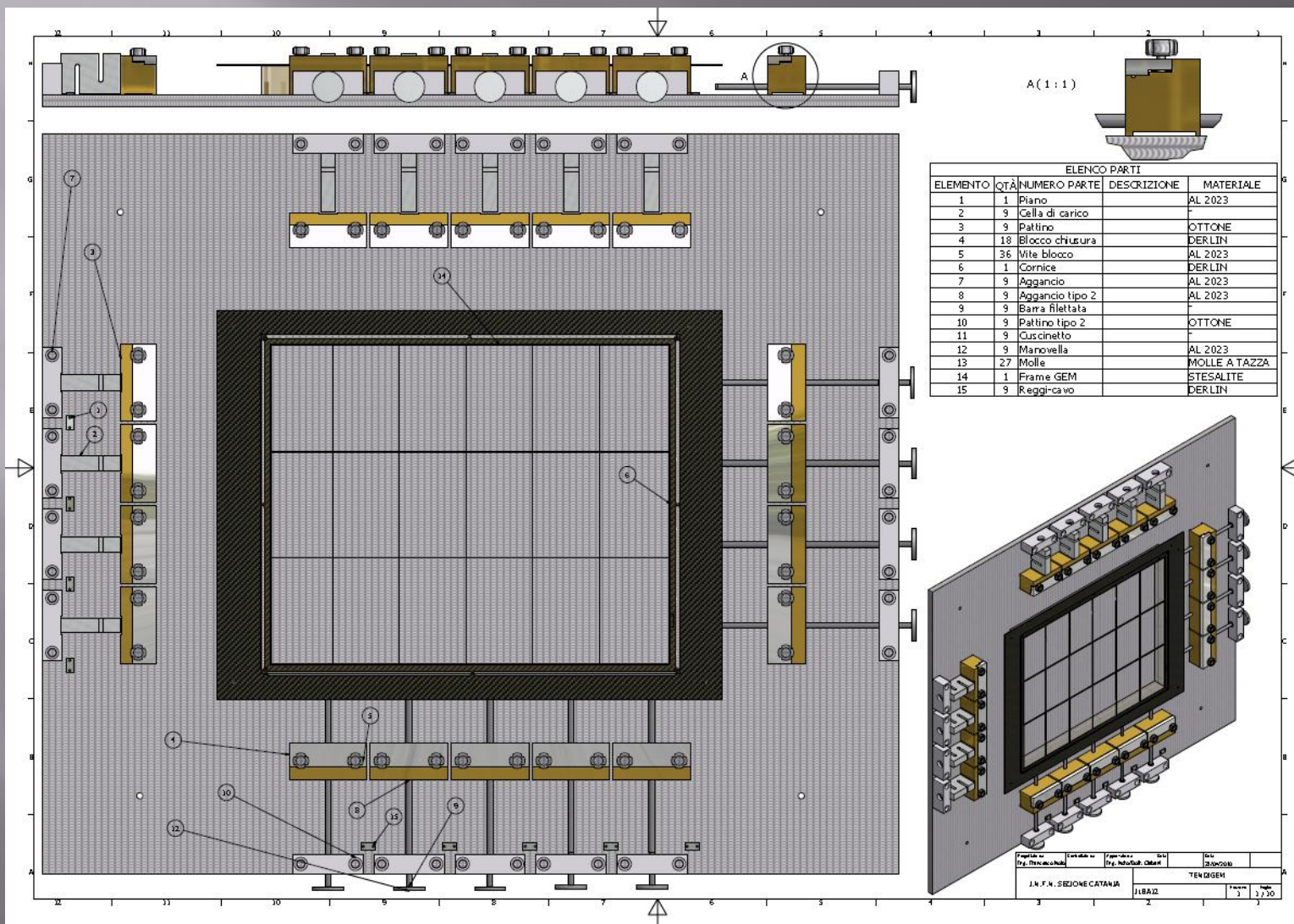


TENDIGEM – MECCANICA



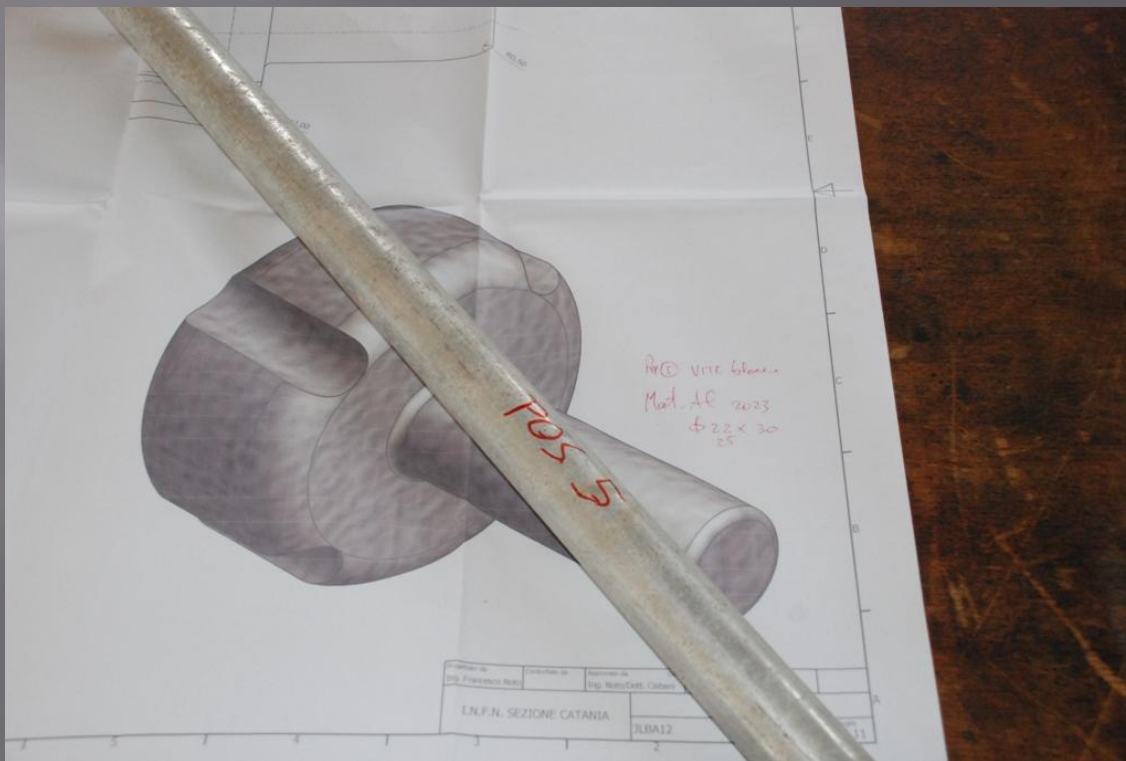


TENDIGEM - MECCANICA





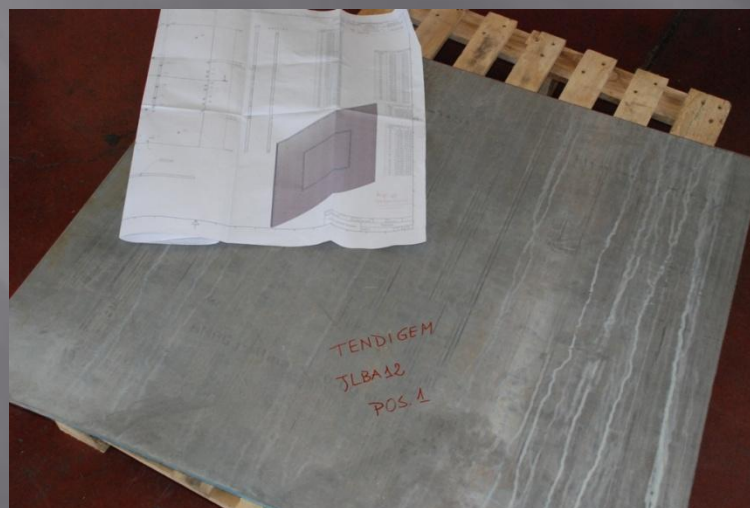
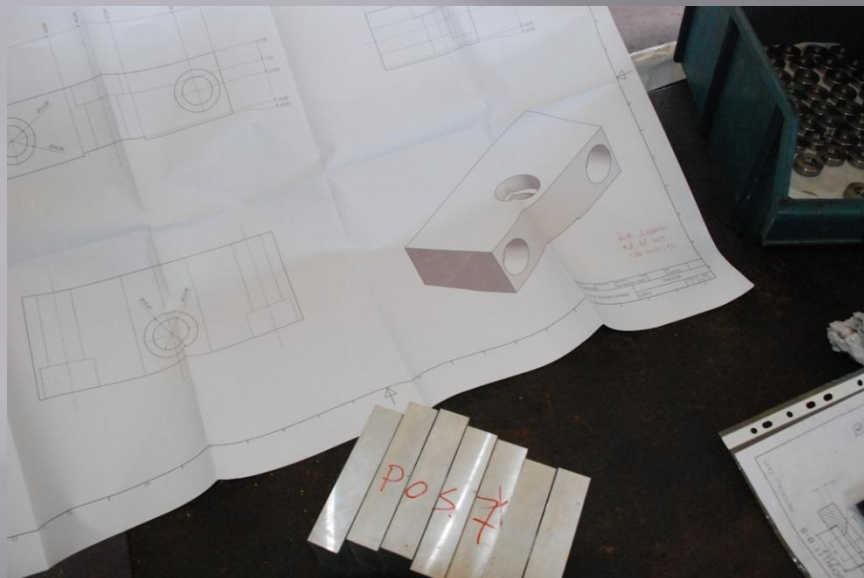
TENDIGEM - MECCANICA



TENDIGEM PRONTO IN 10 GIORNI



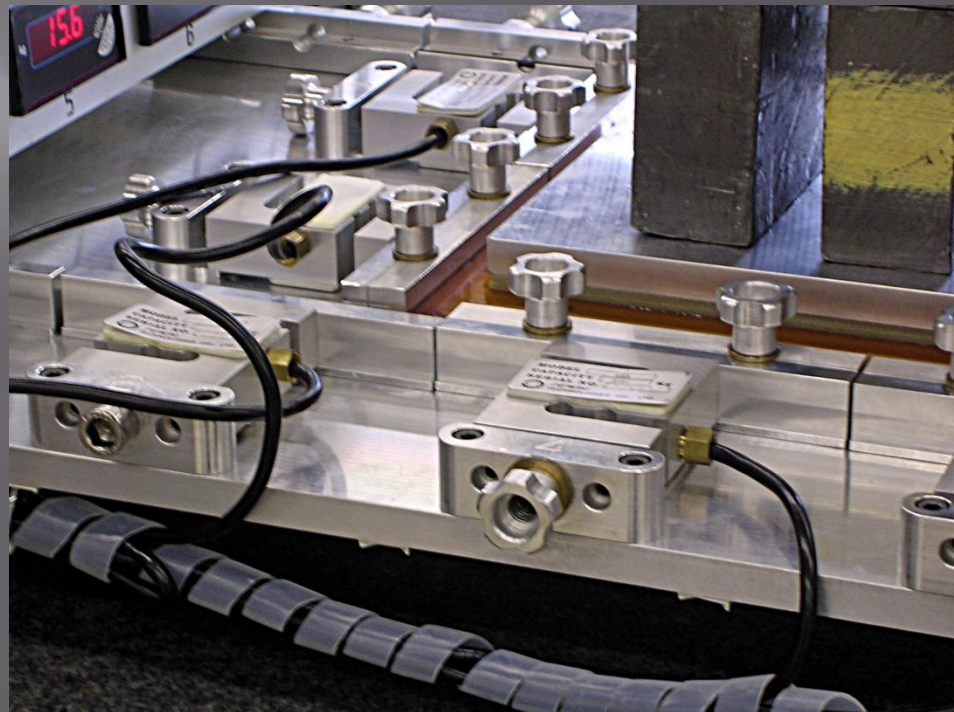
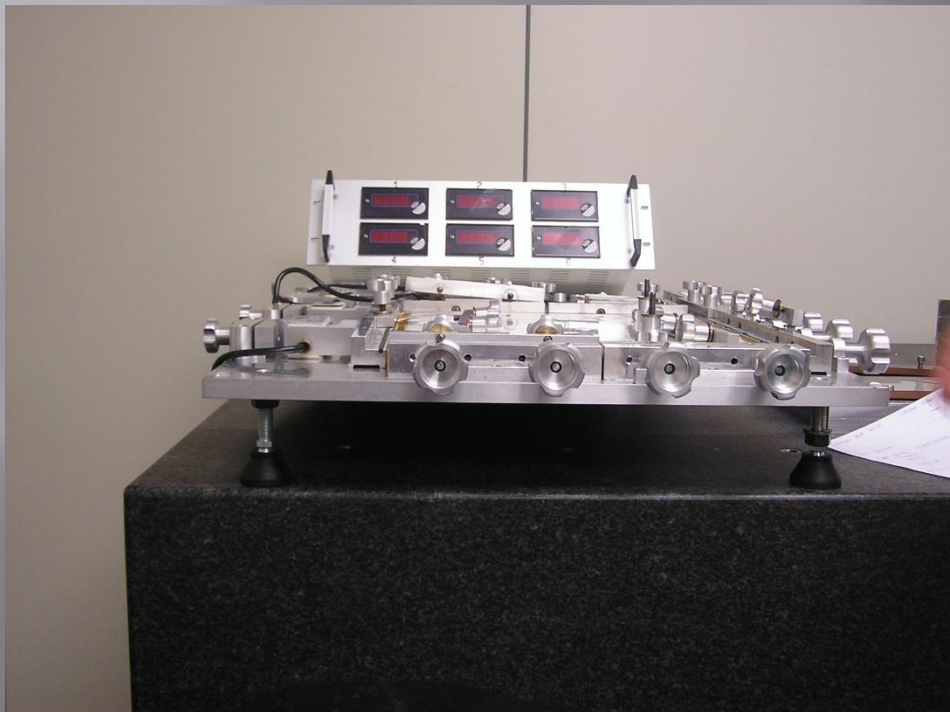
TENDIGEM - MECCANICA





TENDIGEM - ELETTRONICA

- ACQUISTATI 10 CELLE DI CARICO E 1 LETTORE DIGITALE (TEKKAL)
- SVILUPPO DI NUOVO SISTEMA DI AQUISIZIONE BASATO SU LABVIEW



Immagini tendigem 20x20 BENCIVENNI



TENDIGEM - ELETTRONICA





TENDIGEM

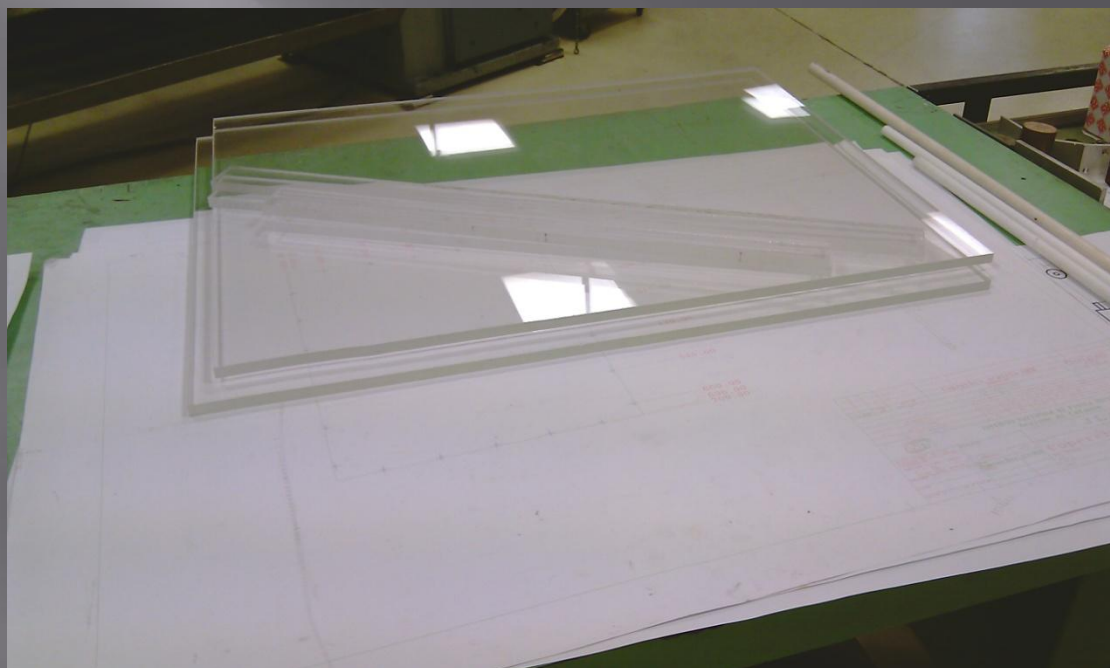
- ▣ Preparato in collaborazione con Evaristo il documento per l'assemblaggio.
 - ATTREZZATURE
 - REGOLE DA OSSERVARE
 - PROCEDURA CORRETTA DI ASSEMBLAGGIO



CAMERA PULITA

▣ MECCANICA

- REALIZZAZIONE POSTAZIONE ASSEMBLAGGIO
 - ▣ PROG. SCATOLA FLUSSAGGIO (IN REALIZZAZIONE)
 - ▣ PROGETTAZIONE TAVOLO ASSEMBLAGGIO (REALIZZATO)
 - ▣ PROGETTAZIONE MECCANICHE DI SUPPORTO (IN REALIZZAZIONE)





CAMERA PULITA

- CAMERA PULITA CLASSE ISO5
- ASPIRATORE CASSONATO 100X100CM CON FILTRI CL G4 A FLUSSO REGOLABILE CON MOTORE DA 800W CON CAPITÀ DI ASPIRAZIONE MAX 400 M3/H



10-06-10

Francesco Noto



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CAMERA PULITA

