

Europe projekt 2024

Between Lutín & wetzlar

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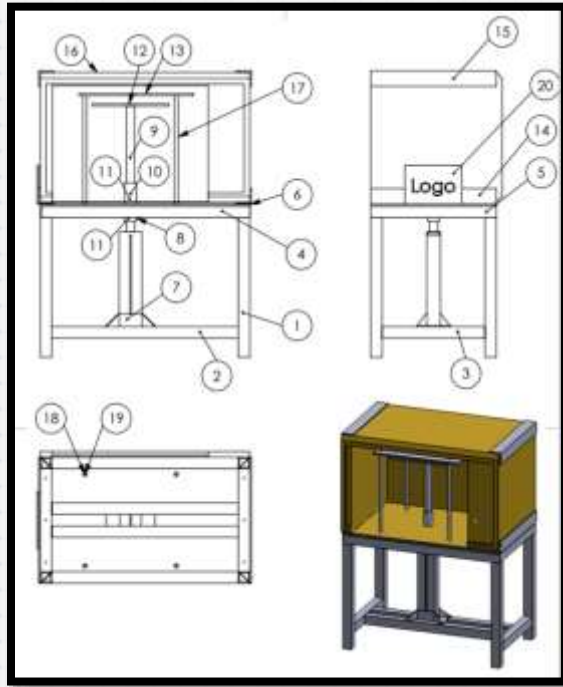
Structure

- ❖ **Assignment**
- ❖ **Groups**
- ❖ **Planning**
- ❖ **Problems**
- ❖ **Fixing the Problem**
- ❖ **Result**
- ❖ **Events**
- ❖ **Thank you**



The Assignment

We worked on a heated pressmachine with a manual scissor jack



Our Group

01. CAD



03. CNC



02. Workshop



04. Video



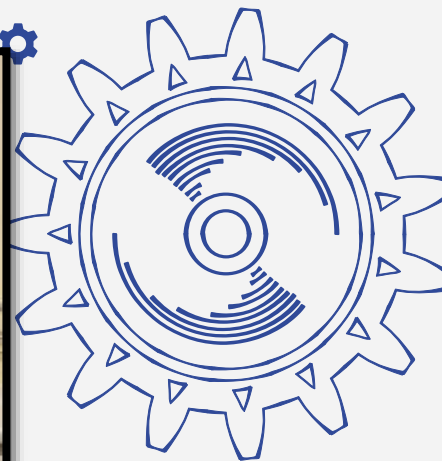
05. Organisation





0.1 CAD

Create 2d-3d drawings



(Daniel, Ilja, Richard, Radim)

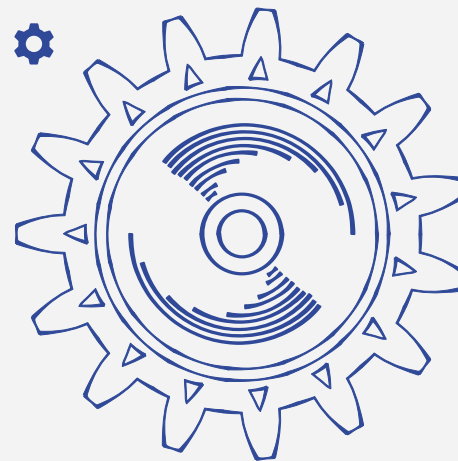
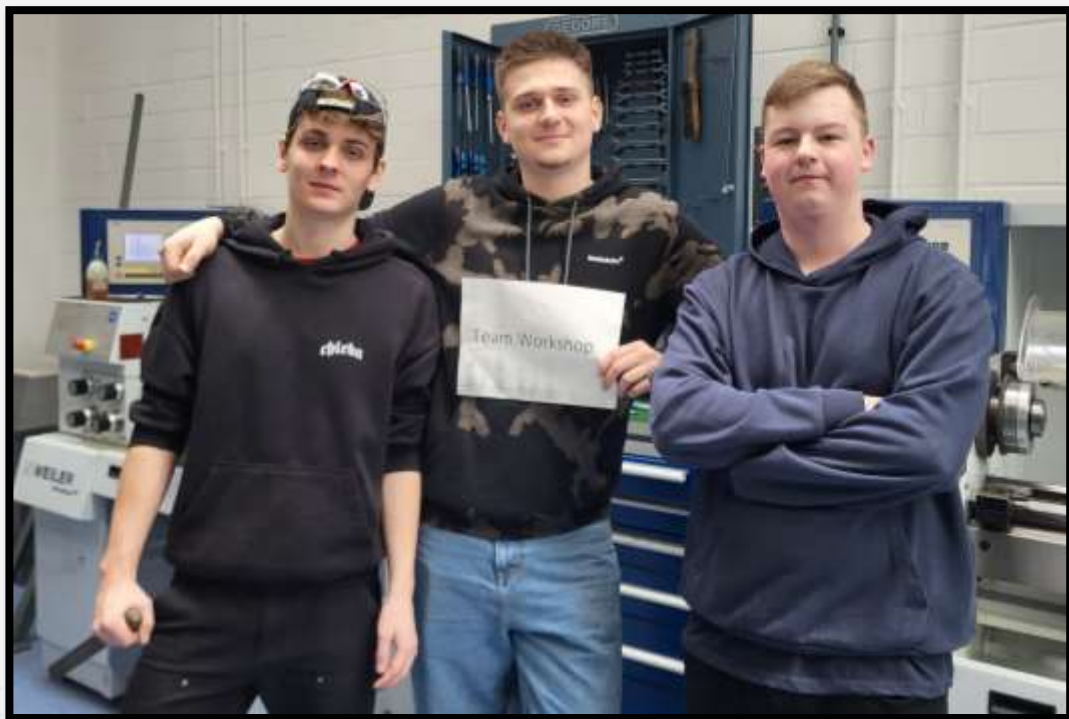




0.2 Workshop



Create the different parts and assemble them



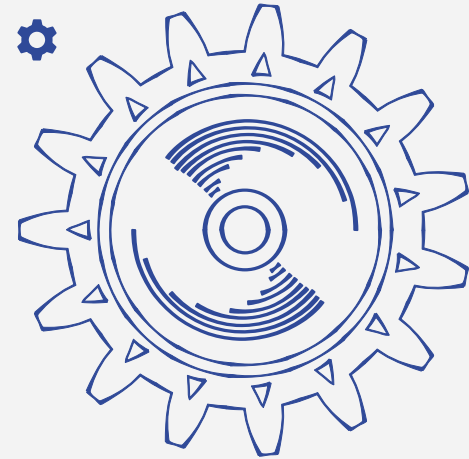
(Jan, Štěpán, Niko)



0.3 CNC



Design and create a plate, make a cnc programm



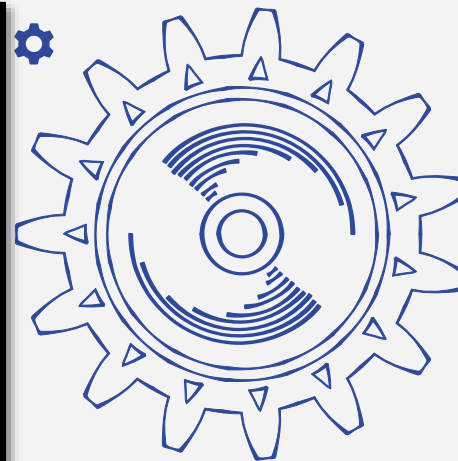
(David, Tom)



0.4 Video



Make a processvideo

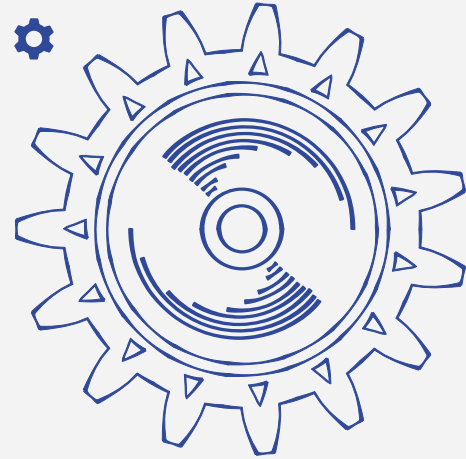


(Matěj, Eric, Jakub)



0.5 Organisation

Manage the groups, make a constructional manual & final presentation



(Johanna, Petr, Honza)





The Group



Projectplan

⚙️ Monday  >>

Czech students arrive
in germany

⚙️ Tuesday  >>

Getting to know each
other and start planning

⚙️ Wednesday  >>

Prepare the different parts of
the frame, design drawings
and the plate

⚙️ Thursday  >>

Saw the parts of the
frame, finish the logos and
drawings

⚙️ Friday  >>

Communicate how to
assemble the parts with
each group

⚙️ Monday  >>

Started to weld and
tried to finish the last
drawings

⚙️ Tuesday 

Put in the last work to
finish the Programm

Monday

❖ Czech students arrive in Germany



Tuesday

CAD



Making drawings of the frame

CNC



Made a Design and created the first drawing of the logo

Workshop 

Prepared the parts to assemble them later

Video 

Made pictures of the day



Wednesday



CAD



Working on the frame and
change the format

CNC



Work on the logos and
milling the plate

Workshop



Saw aluminium blocks for the
form

Video



Made pictures of the day
and videos



Thursday



CAD



Finished the drawing of the frame
and work on the last drawing

Workshop



Saw the parts of the frame

CNC



Created the 3D-Model of the
logos and milled the plate

Video



Made pictures of the day
and some videos



Friday 

CAD 

Working on the last
drawing

Workshop 

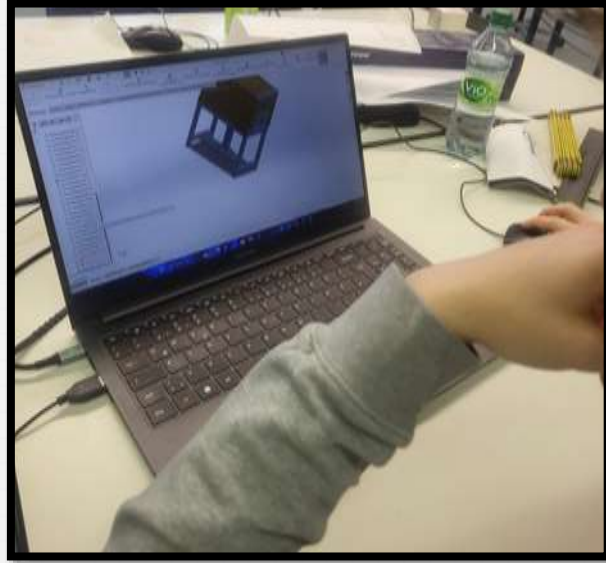
Finished the parts of the frame
and weld them together

CNC 

Worked on the last details
,painted the plate

Video 

Made pictures of the day and some
videos and helped the other
groups





Monday



CAD



Work on all drawings to
make them perfect

CNC



Help CAD with their
drawings



Workshop



Welded the parts

Video



Make pictures of the day







Tuesday



CAD



Last fixing

CNC



Helps the other groups



Workshop



Weld the frame, put colour on it and
put all the pieces together

Video



work on the video





Organisation



Each day we wrote a protocol of the day, design the presentation and work on the constructual manual.



| Thema | Termin | Teilnehmer | Dienstag | Mittwoch | Donnerstag | Freitag | Montag | Dienstag |
|--------------|------------------|---------------------|--|---|---|---------|--------|----------|
| UML | Montag 22.08 | Adrian Dimitrios | Begegnung bei Lage und bei Platz | Prüfung der Platz- und Lage | UML Modell entwerfen und die UML Diagramme | | | |
| EMD | Freitag 24.08 | George Dimitrios | Erstellung des Montageplans | UML Modell entwerfen und die UML Diagramme | Erstellung des Montageplans | | | |
| Workshop | Freitag 24.08 | Adrian Dimitrios | Erstellung des Montageplans | UML Modell entwerfen und die UML Diagramme | Erstellung des Montageplans | | | |
| Video | Freitag 24.08 | Adrian Dimitrios | Erstellung des Montageplans | UML Modell entwerfen und die UML Diagramme | Erstellung des Montageplans | | | |
| Organisation | Freitag 24.08 | Adrian Dimitrios | Erstellung des Montageplans | UML Modell entwerfen und die UML Diagramme | Erstellung des Montageplans | | | |

Problems



CAD

Problems with the Programm



CNC

Changing the format of the Drawing was difficult



Workshop

Welding wasnt deep enough to hold the parts probably together ,so they had to redo it



Video

Editing was a bit challenging and sorting out the videomaterial

Fixing the Problem



CAD

Communicated more to get the best result



CNC

Found out how to do it



Workshop

Just redo it



Video

Work together so each of them has a job

Events



Oculus visit

The Czech students visited the company
oculus



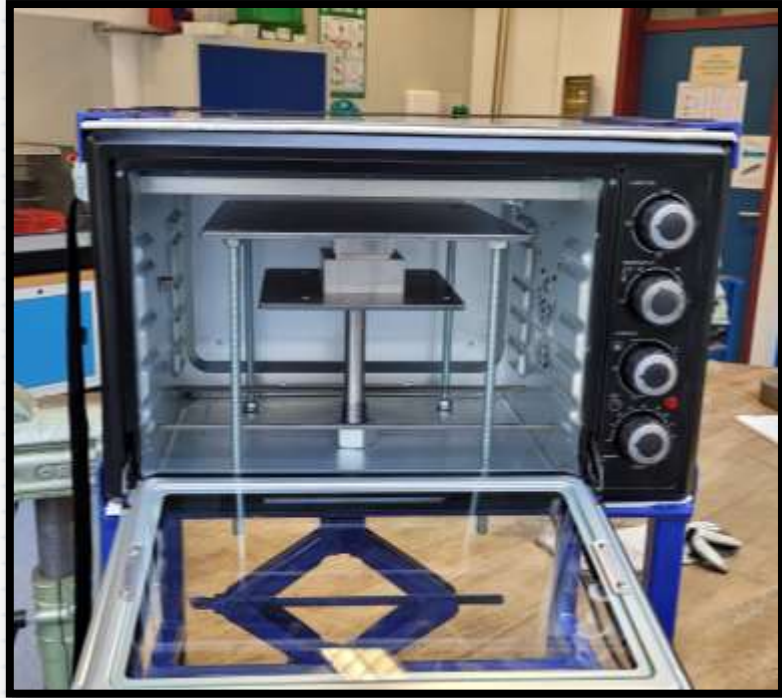
Climbing in the Cube

The German and Czech students climbed
in the Cube



Result







Special thanks to

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⚙️ *And our Wonderful Teachers*



Learn how to do it !

You can get the constructual
manual if u ask someone in
our project!



