

Project Conclusion

Training with MT340

Internship student
Phachaya Plemhirun

Agenda

- Introduction
- Theme of project
- Knowledge
- Impression
- Opinion/Suggestion



Introduction



Name : Phachaya Plemhirun

Nickname : Aun

Age : 21 years old

Study : Chiangmai University

Faculty : Mechanical Engineering

Trainer : Mr. Paradorn Strong

Training : 22 March 14 – 25 July 14



Theme of project

CA Dryer (Routine Job)

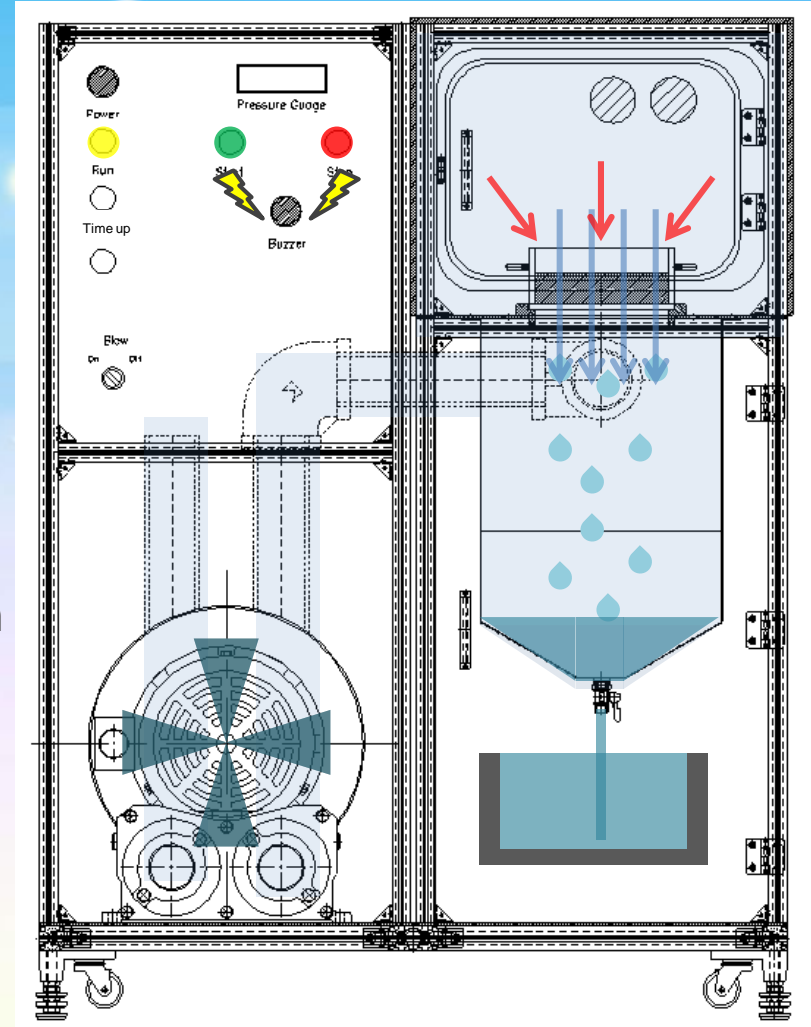
Use to suction water for drying product
(in CA Process)

Purpose

1. To addition m/c for future layout
(Separate CA and FH process by clear)
2. To localization machine by MTL Fabrication

Target

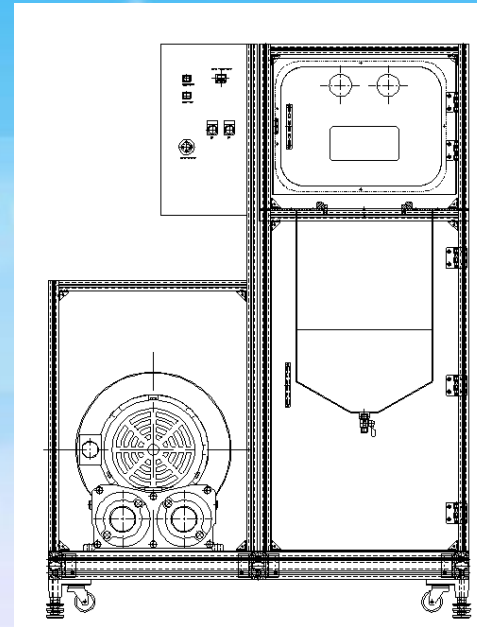
1. Keep budget m/c price less 300kTB
2. Keep quality of product same as current
3. Improve m/c efficiency more 25%



CA Dryer m/c



DSU m/c



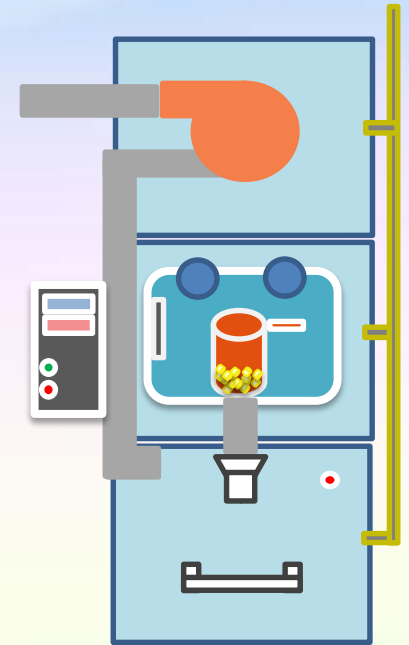
CA Dryer m/c

Current	Improvement
Use time 33 minutes / lot	Use time 15 minutes / lot (Reduce time 54.54%)
Cost 2 MBath	Cost 300 kBath (Reduce cost 85%)
Same current quality	Same current quality

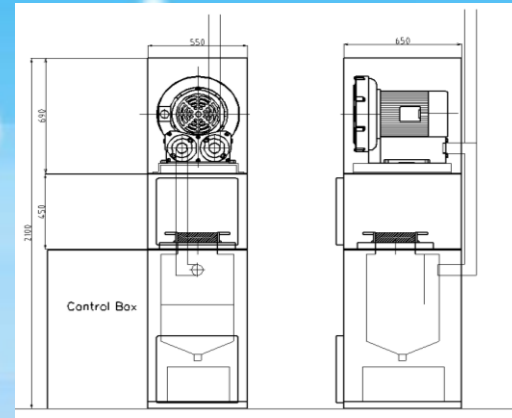
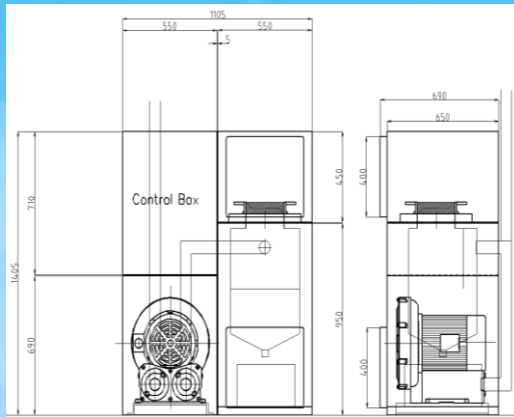
CA Dryer m/c

Knowledge

1. Learn about working life and system in company
2. Learn about machine improvement step and apply for working
3. Learn about design method and analysis for work completely
4. Learn about using tools for assembly machine correctly
5. Learn about mistake and find the way to solve the problem



CA Dryer m/c



Problem & Action

Problem : Work is so late because inexperienced to planning

Action : Adjust plan to match with current job

Problem : Can't achieve target in 1st experiment
need repeat experiment

Action : Reconsider experiment criteria again



Theme of project

Paste rotation m/c (Improvement Job)

Use for reduce viscosity of paste before printing

Purpose

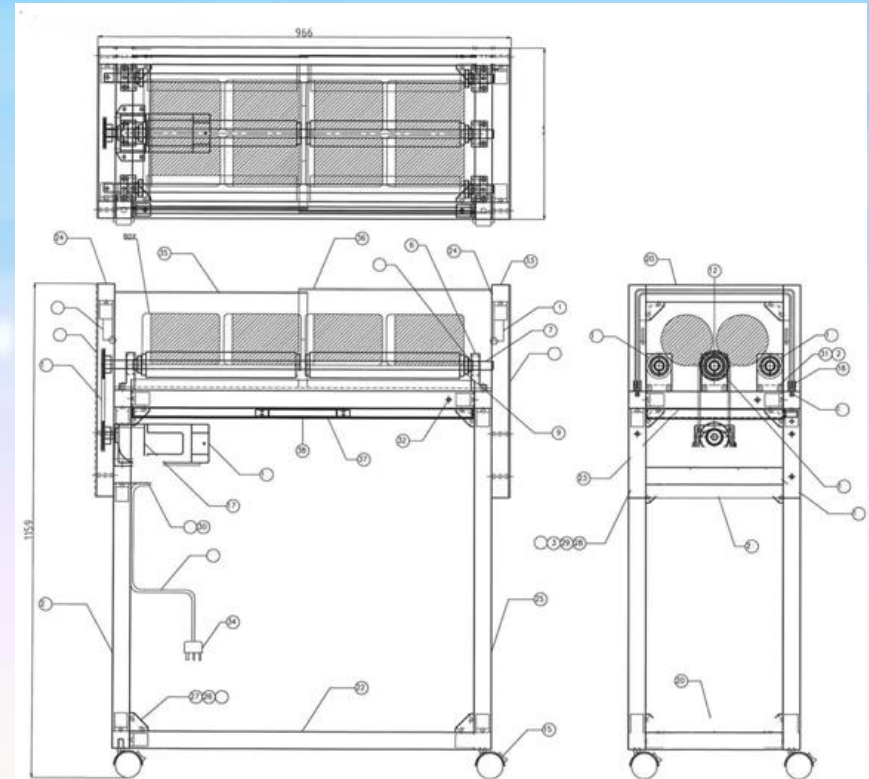
1. Reduce viscosity of paste
2. To addition m/c for future layout or support production line

Target

1. Increase capacity of rolling paste
2. Installation with in september

Progress

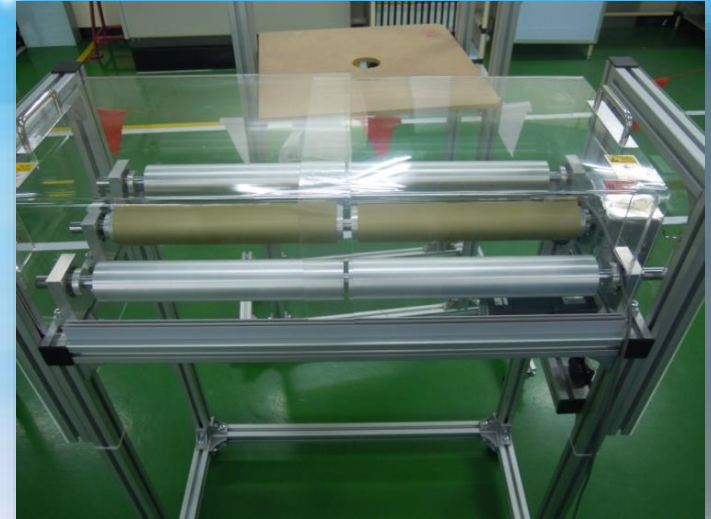
1. Assembly machine
2. Check condition of machine and register



Paste rotation m/c

Knowledge

1. Learn about assembly machine
2. Learn about wiring electrical part
3. Learn about doing acceptance test report and safety checklist for register machine



Problem & Action

Problem : Some part of machine have risk to occur dangerous

Action : Make cover for protect finger of human



Impression

All member are very kind . So I always happy when I work at FAC14

Senior always give suggestion and train very well

Factory is very clean . Environment are pleasant

Machines have high technology it very interesting

Safety first

