

VELUX®

Floating Topic

Planning

- ✓ 👤 Requirement discussion
- ✓ ⚙️ Machine drafts
- ✓ 💡 Brainstorming
- ✓ ✍️ Design chosen
- ✓ ★ Milestone #1 12.04.2021

Prototyping

- ✓ 🛒 Materials collection
- ✓ ⚙️ Feeding mechanism choice
- ✓ ⚙️ Machine prototype
- ✓ ☕ Software+ Vision SW (picking)
- ✓ ★ Milestone #2 10.05.2021

Testing

- ✓ 👍 Functional test
- ✓ 👍 🗣️ Scenarios
- ✓ 📋 Norm/requirement compliance
- ✓ 🔄 Machine improvements/retests
- ✓ ★ Milestone #3 12.07.2021

Schedule

Remaining materials collection

- ✓ 🗃️ Table
- ✓ 🛠️ BB2 JIG
 - 🕒 📋 Metal version (28.09.2021)
 - 🕒 📋 Festo (date not known yet)
- ✓ 🛠️ BB4 JIG
 - 🕒 📋 Metal version (28.09.2021)
 - 🕒 📋 Festo (date not known yet)
- 🕒 🍲 Bowls + cameras
- 🕒 📋 Feeders (date not known yet)
- 🕒 📦 Box feeding
- 🕒 📋 Fence (date not known yet)
- 🕒 🧲 Grippers
 - ➡️ 📋 Metal version

Machine build

- 🕒 ⚙️ Machine build
- 🕒 🍲 Bowls + cameras
- 🕒 📋 Feeders (date not known yet)
- 🕒 📦 Box feeding
- 🕒 📋 Fence (date not known yet)
- 🕒 🧲 Grippers
 - ➡️ 📋 Metal version

Assembly

- 🕒 📋 PLC
- 🕒 📋 Vision
- ✓ 📋 CPU
- ✓ 📋 Bowl firmware
- 🕒 📋 Scara
- 🕒 ☕ Software
 - ✓ 📋 CPU
 - ✓ 📋 Bowl firmware
 - ✓ 📋 Scara
- 🕒 ✍️ Documentation

Milestone #4 ???

- 🏠 👍 In house tests
- ☕ ⚙️ Last corrections
- 🤝 👍 Customer tests (if needed)

Final testing

- ★ Milestone #5 (milestone #4 +6 weeks)

Handover ???

- ⚙️ On site installation
- 🌐 Infrastructure connection
- ⚠️ Final tests
- 👤 Stuff training
- 🚀 SignOff

Automatic BB2/BB4