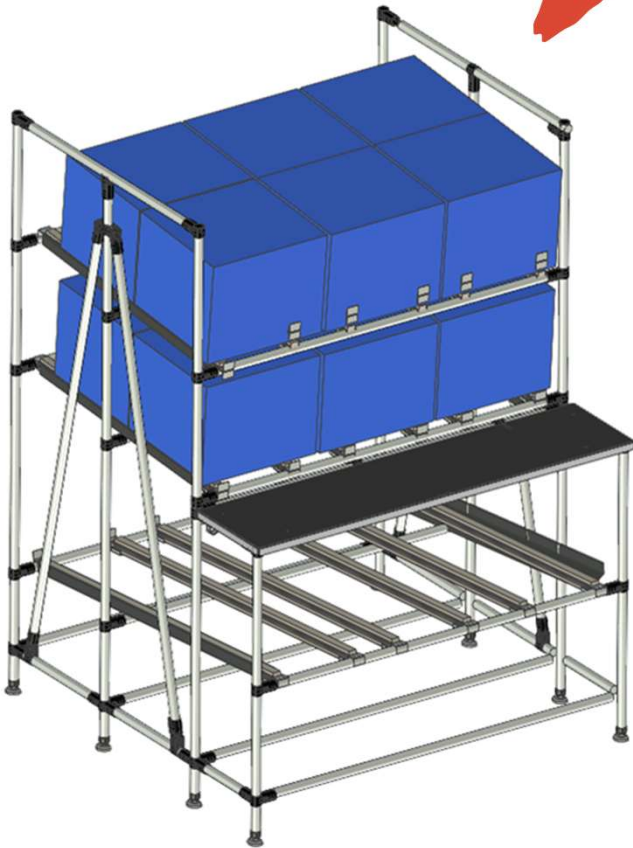


4 LEAN

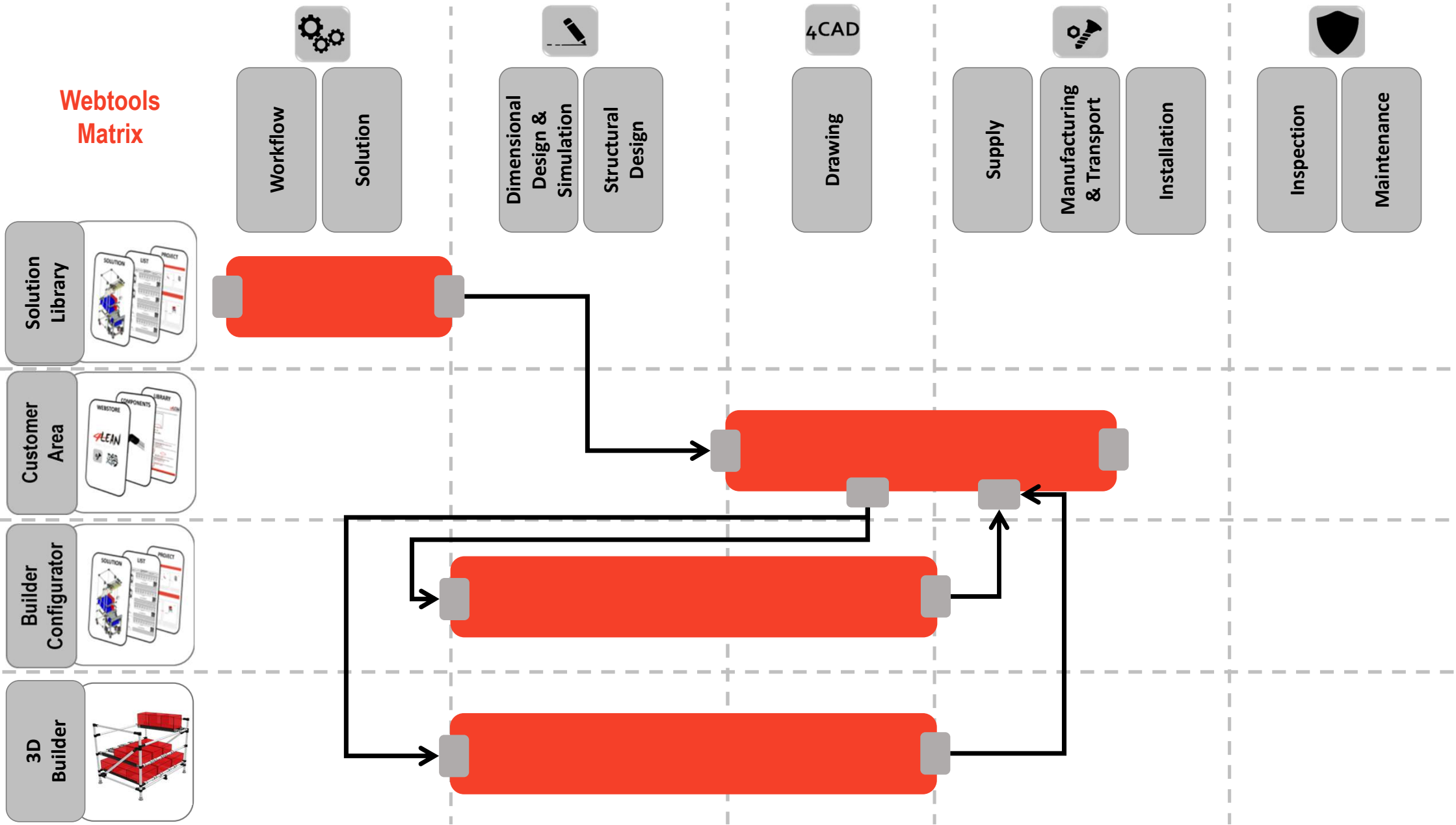


Structure Life
From Idea to maintenance



We Build Lean

Webtools Matrix





Work Flow

Solution



Dimensional
Design &
Simulation

Structural
Design



Drawing



Supply

Manufacturing
& Transport

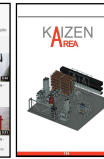
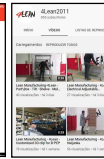
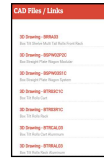
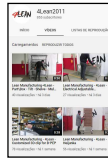
Installation



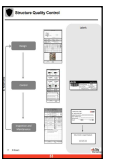
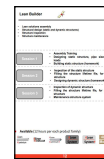
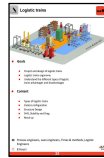
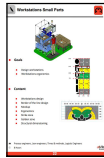
Inspection

Maintenance

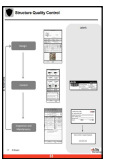
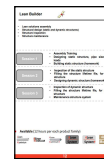
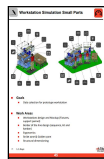
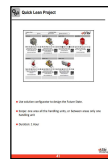
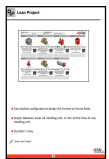
Book or
Webtool



Training



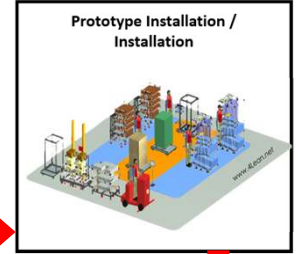
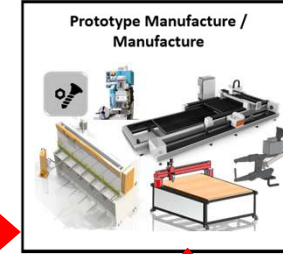
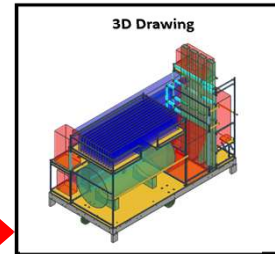
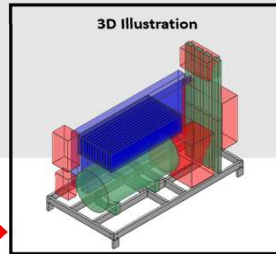
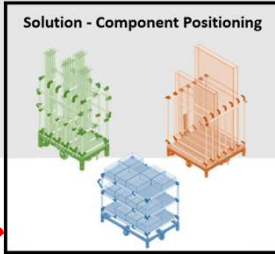
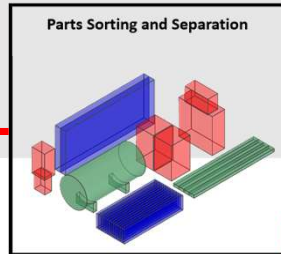
Service



Service Workflow



MockUp



After Prototype Approval

- All parts required for each kit should be separated and laid out before the 4Lean arrival.
- When usage of trolley is destined for multiple models, both the largest and smallest models should always be taken into consideration.
- Components should be grouped according to their geometry, weight, and size.
- The loading and unloading processes should also be shared with 4Lean.

- The positioning of all components on the trolley should be defined.
- Mock-up design specifications should detail the parts included in each kit, their orientation, support type, and loading and unloading instructions.

- A 3D illustration will serve as proof of concept, demonstrating the feasibility and functionality of the proposed solution.
- The customer must validate all trolley dimensional specifications before the design process can commence.

- Deliverables include technical drawings, structural analysis, structure cost, and a 3D model web viewer. 2D and 3D files in DXF and STEP formats are not included.
- Trolleys will be structurally designed and engineered for manufacturing.
- The customer must approve all dimensional and structural trolley specifications prior to the start of the design phase.

- Prototype manufacture and installation for onsite testing (dimensional, functional and structural)
- Mass production only begins after validation of prototype

One person from the customer should accompany 4lean during the complete MockUp process



Services