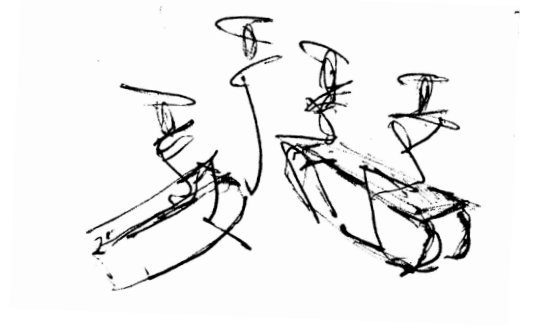


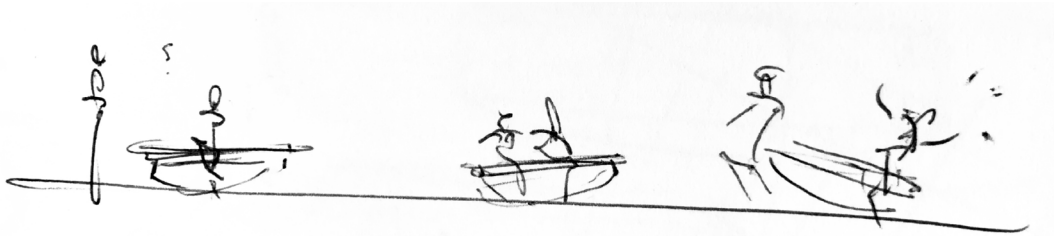
FLOW—T

floating furniture

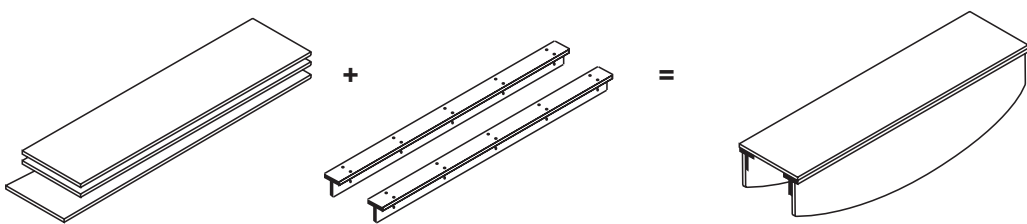


Flow-t gives space to creatively sit in public.

Flow-t benches have a curved edge which makes the sitting experience challenging and playful in the same time. A spacial arrangement with the person next to you opens up a spacial interaction within a playful approach.



How-to manual for making a bench for special human interactions. Shipped components and local available materials/ tools become a urban furniture which fit in a designed scenario of use.



PROJECT

The dynamic benches are also dynamic in terms of locations. They can be either as "anchored benches" belonging to a specific area like a coffeehouse or a institution or as "not anchored floating benches" the location can be changed by the people while the position is displayed online for generating a geo-caching game. The production process is fully transparent and de-centralised at each step of the bench production –from wood suppliers to assembling workshops. It explores the possibility to produce the same bench in different ways depending on the profile, skills and knowledge of the user and to allow he/she/they to purchase a fully constructed bench or one to be selfmade. The construction is based on simple joints which can be of two forms: produced professionally by experienced craftsmen/ factories or assembled manually by any citizen.

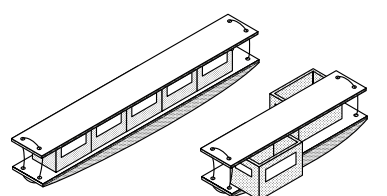
- the goal of flow-t is to enable citizens to occupy public space with floating furniture, utilising public space as a place for meaningful random human interaction.

- the challenge is to create a network of local bench-carers and to infiltrate the local self-build community.

- the production process must be categorised and communicated in a accessible and intovitive way through an online platform. a local list of suppliers and workshops can be added to the platform in an open source approach.

ORIGIN

The process of this bench and the idea of providing a place for human interaction came out of the bachelor thesis of both Jonas Voigt and myself. The „Socialorlost“-bench was first constructed out of bottle crates and a curved wooden platform.



TESTING / FESTIVAL AND CITYCENTER



Eindhoven Citycenter



Musicfestival Würzburg



Mainz Citycenter



STUTT GART /MARIENPLATZ



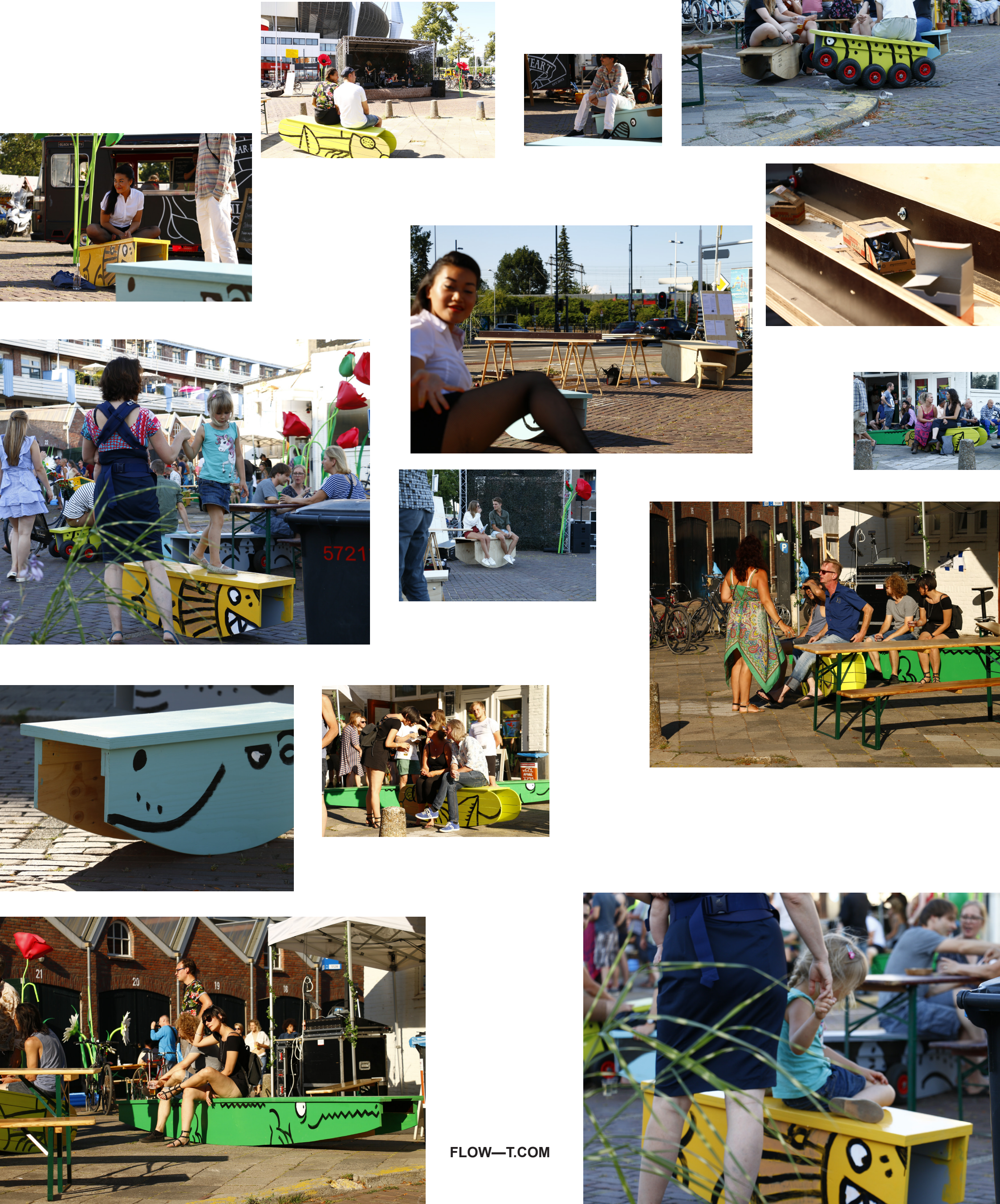


FLOW-T.COM



STREETFESTIVAL EINDHOVEN + MAKING WORKSHOP

MODIFIED AND PAINTED

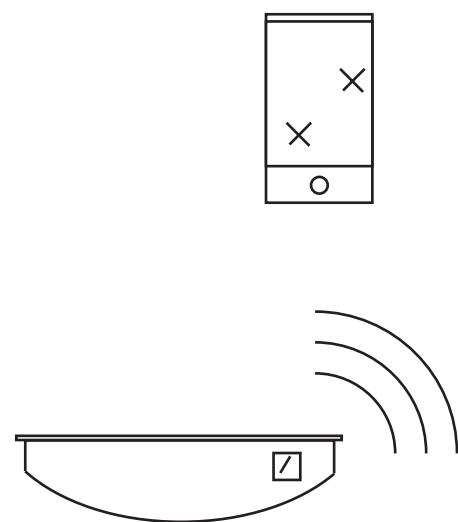


SCENARIOS FOR USING IT

1 TRACK AND BOOK / GPS BENCH CASHING

The bench get a gps-tracker and can be located online after clicking on one bench you can book an event on this specific bench, others can find it online and join.

After leaving the bench free it becomes a “common-good”.



2 WANDERING CIRCUS

The group of benches are used at specific events and generate together with others (food/concert) a place to meet and to interact

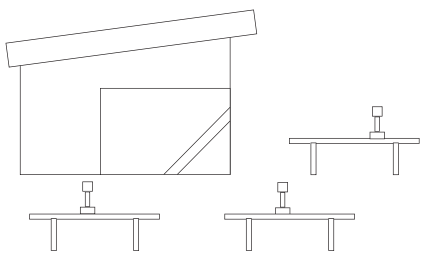
3 THE OPEN DOOR CLUB

After buying or building a bench you can register the location online and invite people by being listed in the “club”

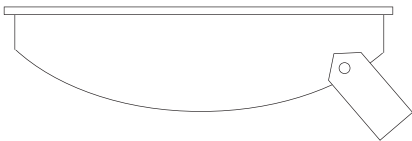
>> Multiply and run a workshop

SCENARIOS FOR **GETTING IT**

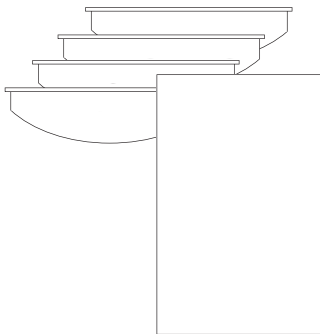
WORKSHOP-DAY



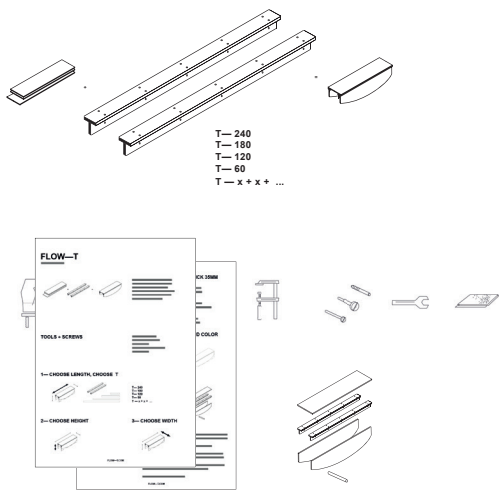
BUY



RENT

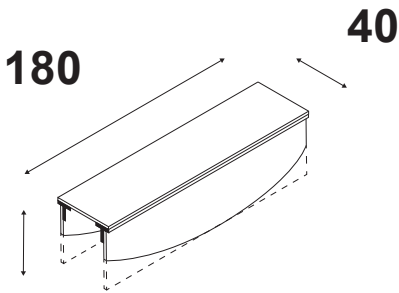
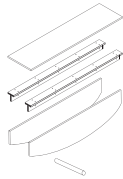


MAKE

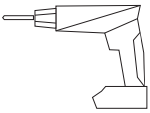
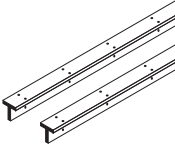
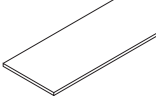
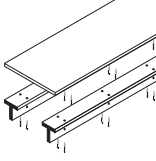
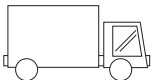


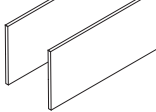
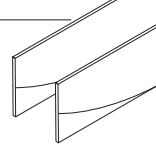
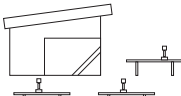
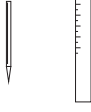
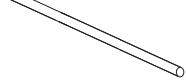
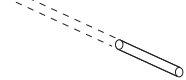
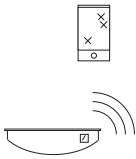
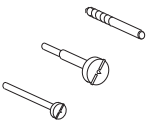
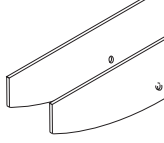
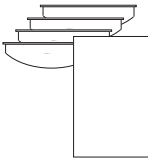
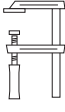
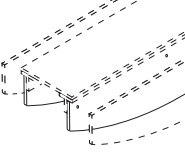



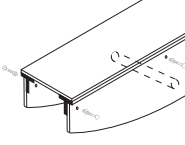
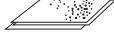

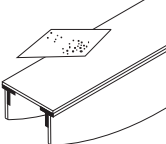


FLOW—T BENCH

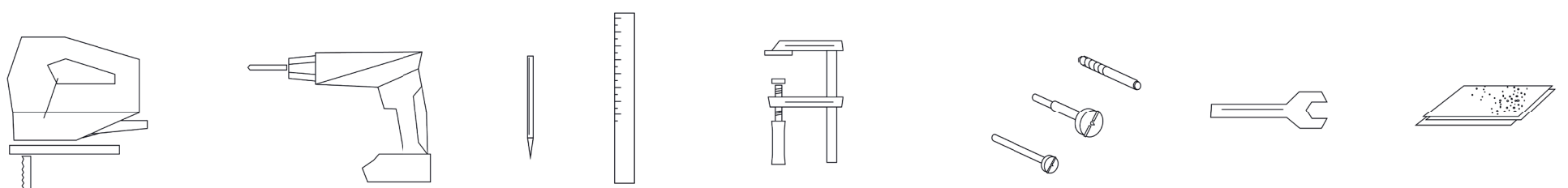
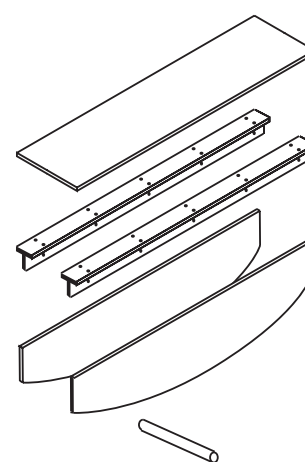
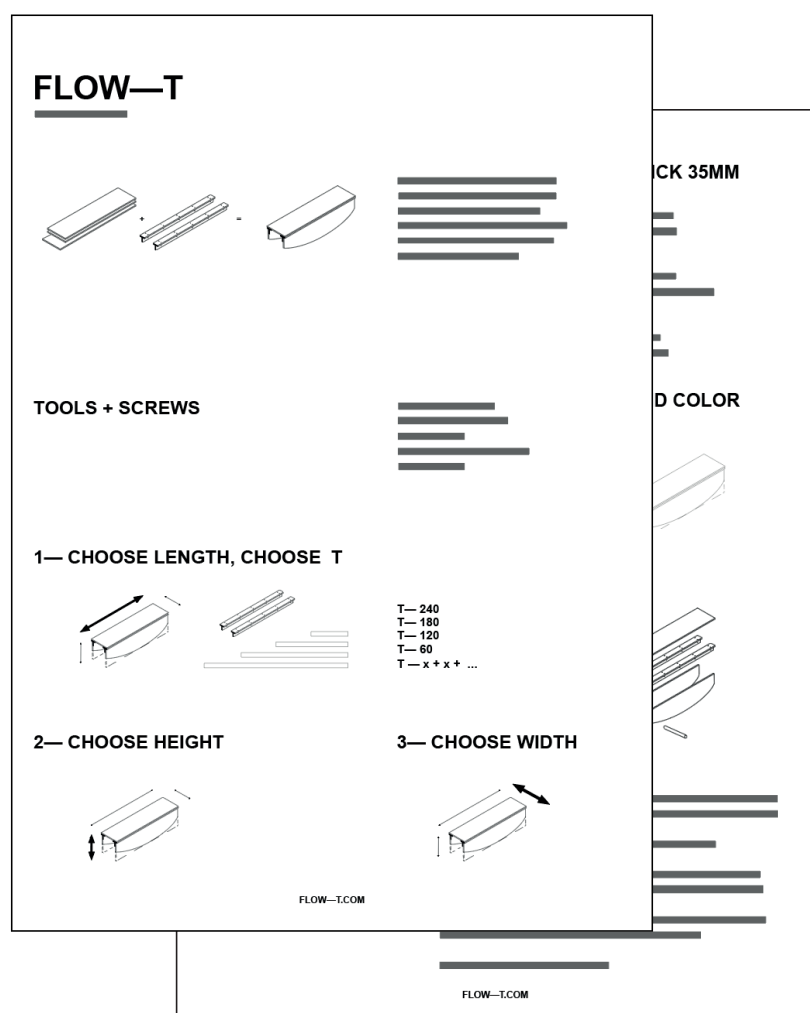
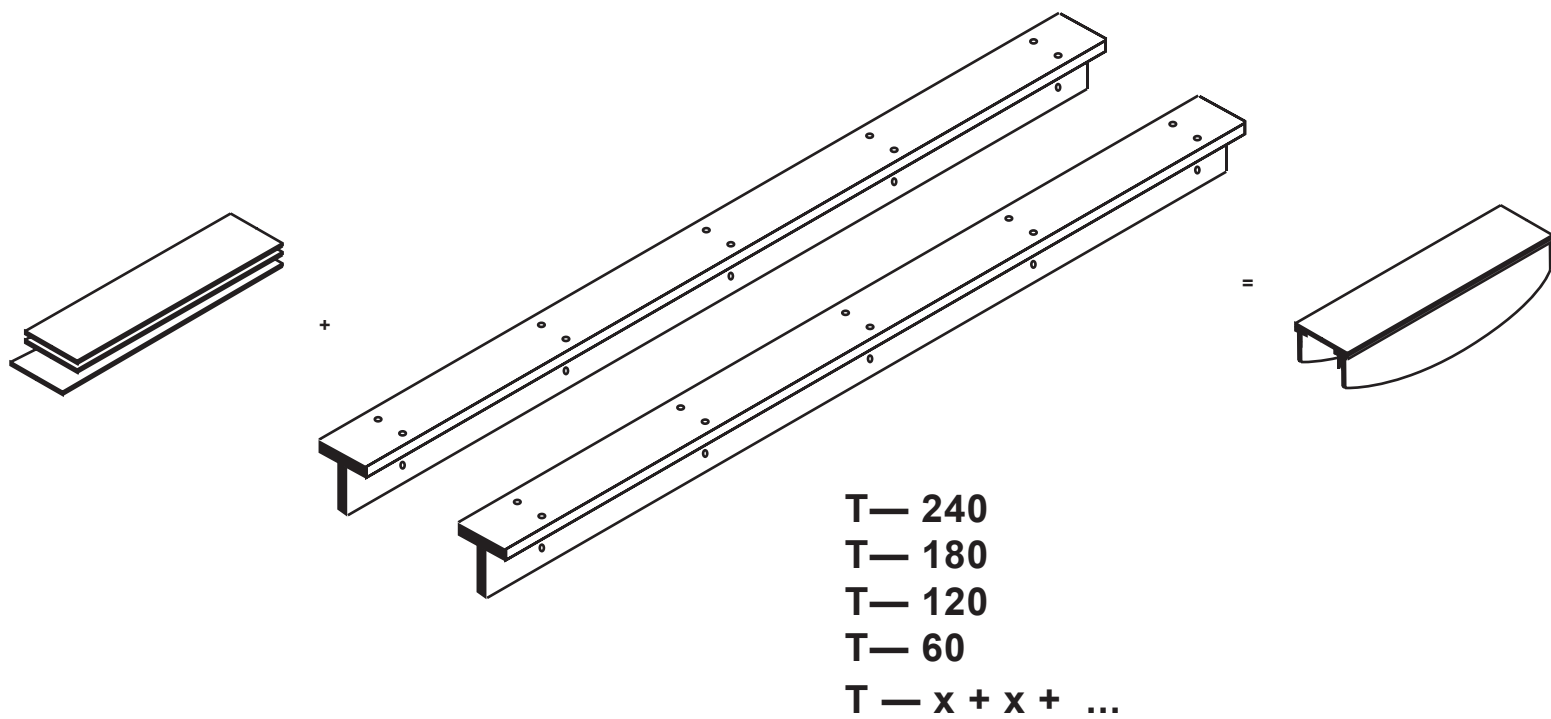
example for one 180x40x40 bench
costs calculation in progress.



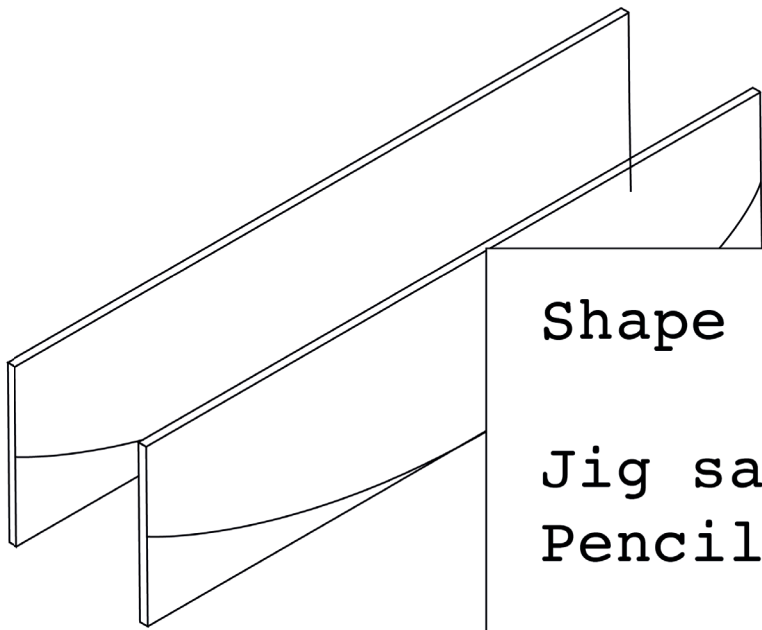
T 180

TOOLS		CONNECTORS		WOOD		FABRICATION		SERVICES	
	Powerdrill cordless 179,00 €		2x T-Element T-180 65,00 €		Plywood coated 18,10 €/m2 Plywood raw 14,70 €/m2		Connect Seat+T-Element Powerdrill Clamb 20min work 16,60 €		Delivering 0,60 €/km
	Jig saw 88,00 €		Screws Spax 4,5 x 35 T-20 2,11 €		Seat 1x 180x40 Side 2x 170x40 2,08m2 30,60 €		Shape your curve Jig saw Pencil+ruler 45min work 37,35 €		Workshopday 8hr including tools, staff, transport 640,00 €
	Ruler and pencil 3,20 €				Wooden stick 35mm x 335mm 2,30 €		Cut stick on lenght Jig saw Pencil+ruler 10min work 8,30 €		Tracker-Devise + Registration + Programming 43,50 €
	Drill 8mm 2,55 € Wood-Drill 25mm 12,90 € Wood-Drill 35mm 15,75 €						Drill hole for stick Powerdrill Drill 35mm 20min work 16,60 €		Rent/Day 8hr (without delivery) 30,55 €
	Clamb 14,85 €						Clamb side and and drill holes Powerdrill Clamb+Drill18mm 20min work 16,60 €		Buying (without delivery) +Tools +Room 239,58 €
	Jaw spanner 13" 4,00 €		Bolt+Nut 8x 0,91 € washer 8x 0,23 € Springlockring 0,30 €				Fix sides with bolts+washers Jaw spanner 20min work 16,60 €		
	Sanding-paper 100 0,70 €		Lock 6,65 € Metal string 2,30 € Connector 2,23 €				Sanding edges Coating 30min work 24,90 €		
	Tools Total 320,95 €		Tools Total 79,73 €		Tools Total 32,90 €		Tools Total 126,95 €		

MAKE



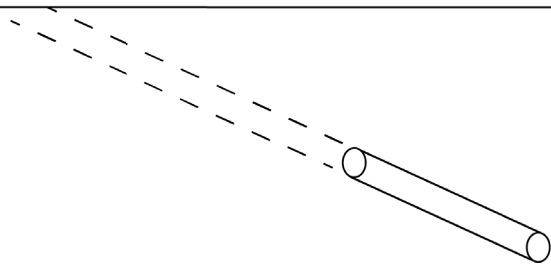
MAKE SPOT 1



Shape your curve

Jig saw
Pencil+ruler

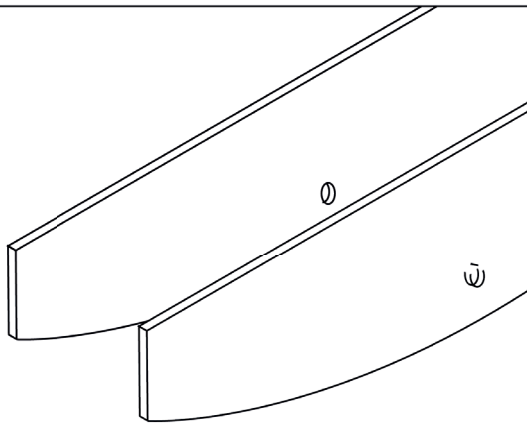
45min work



Cut stick on
lenght

Jig saw
Pencil+ruler

10min work

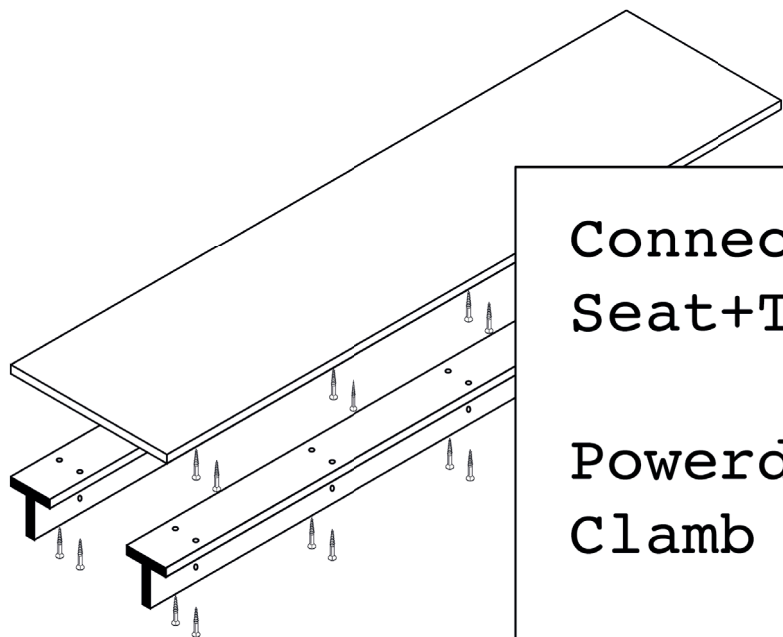


Drill hole for
stick

Powerdrill
Drill 35mm

20min work

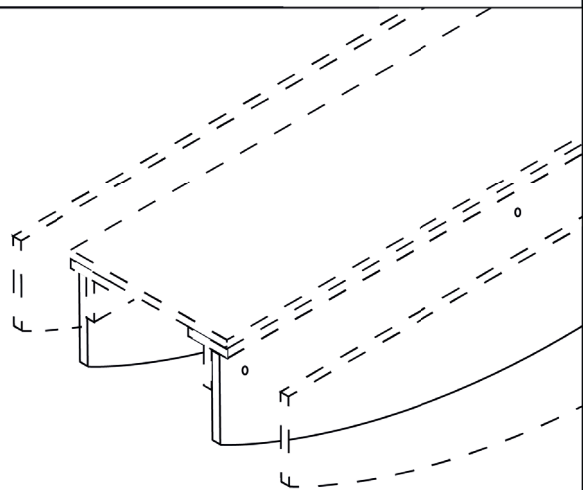
MAKE SPOT 2



Connect
Seat+T-Element

Powerdrill
Clamb

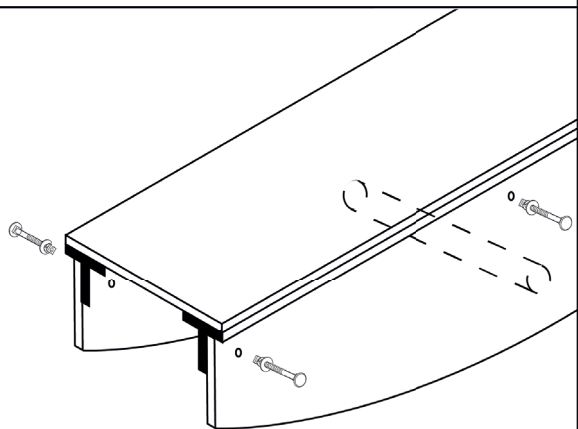
20min work



Clamb side and
and drill holes

Powerdrill
Clamb+Drill8mm

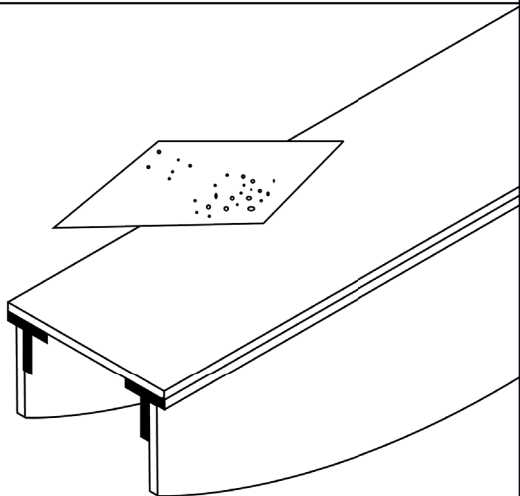
20min work



Fix sides with
bolts+washers

Jaw spanner

20min work



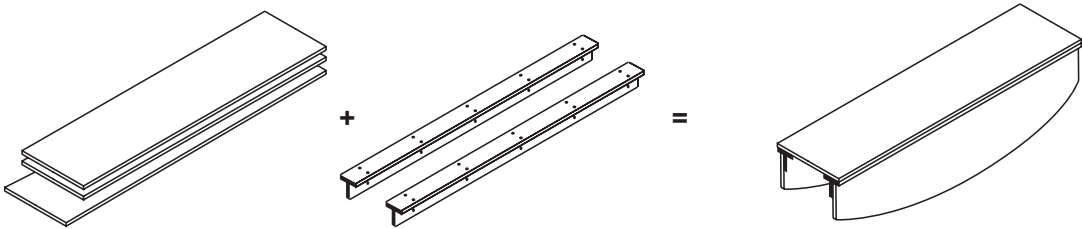
Sanding edges
Coating

30min work

FLOW—T

floating furniture

how-to manual

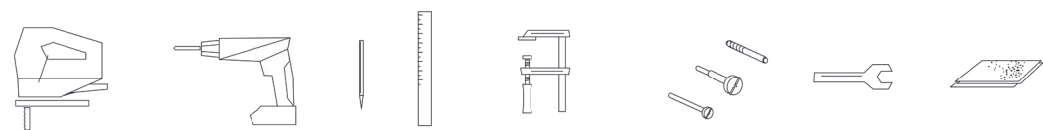


Flow-t gives space to creatively sit in public. Flow-t benches have a curved edge which makes the sitting experience challenging and playful in the same time. A spacial arrangement with the person next to you opens up a spacial interaction within a playful approach.

how-to manual for making a bench for special human interactions.

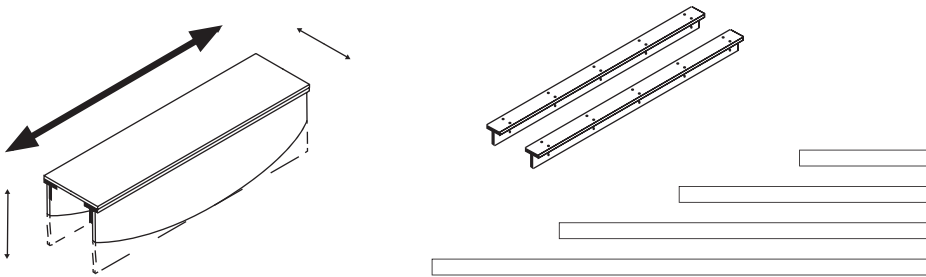
Shipped components and local available materials/ tools become a urban furniture which fit in a designed process of use.

TOOLS + SCREWS



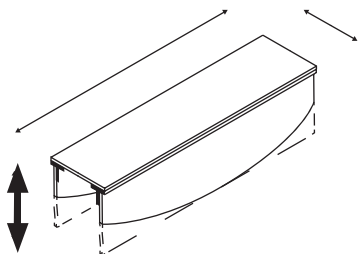
Jig saw, powerdrill
Drill 8mm / 25mm / 35mm
pencil, ruler
hammer, clamp, jaw spanner
sanding paper

1— CHOOSE LENGTH, CHOOSE T

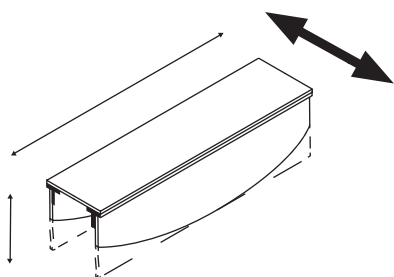


T— 240
T— 180
T— 120
T— 60
T — x + x + ...

2— CHOOSE HEIGHT



3— CHOOSE WIDTH

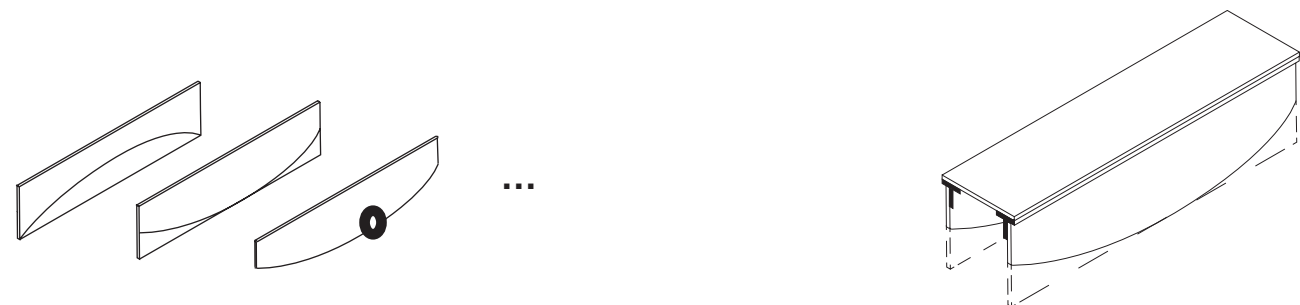


4— BUY+CUT WOODEN BOARDS + WOODEN STICK 35MM

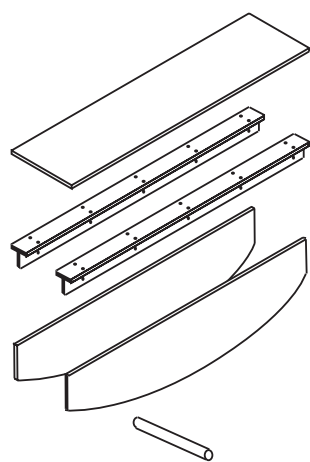
1x Seat board for T-180	
Lenght	1800cm
Width	x
2x Side-board for t-180	
Lenght	1800-10 = 1700
Height	x
1x Wooden stick 35mm	
lenght=width-10	

5— SHAPE YOUR CURVE + ADD YOUR ITEMS AND COLOR

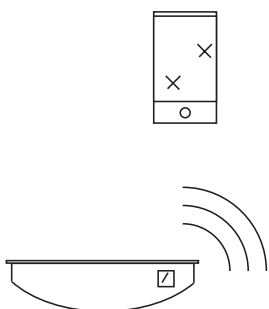
(FOR SCENARIO 1 ADD A GPS-TRACKER AND REGISTER ONLINE)



6— DRILL THE HOLE FOR THE STICK + CONNECT WITH SCREWS 4X35



7— USE A SCENARIO



- 1 Track and book / gps Bench cashing
The bench get a gps-tracker and can be located online after clicking on one bench you can book an event on this specific bench, others can find it online and join.
After leaving thebench free it becomes a “common-good”.
- 2 Wandering circus
The group of benches are used at specific events and generate together with others (food/concert) a place to meet and to intercat
- 3 The open door club
After buying or building a bench you can register the location online and invite people by beeing listet in the “club”

>> Multiply and run a workshop