



TANGENS

OFFICE HOME



reddot award 2021
best of the best



BIGSEE
PRODUCTDESIGN
AWARD 2021
WINNER

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INSPIRATION

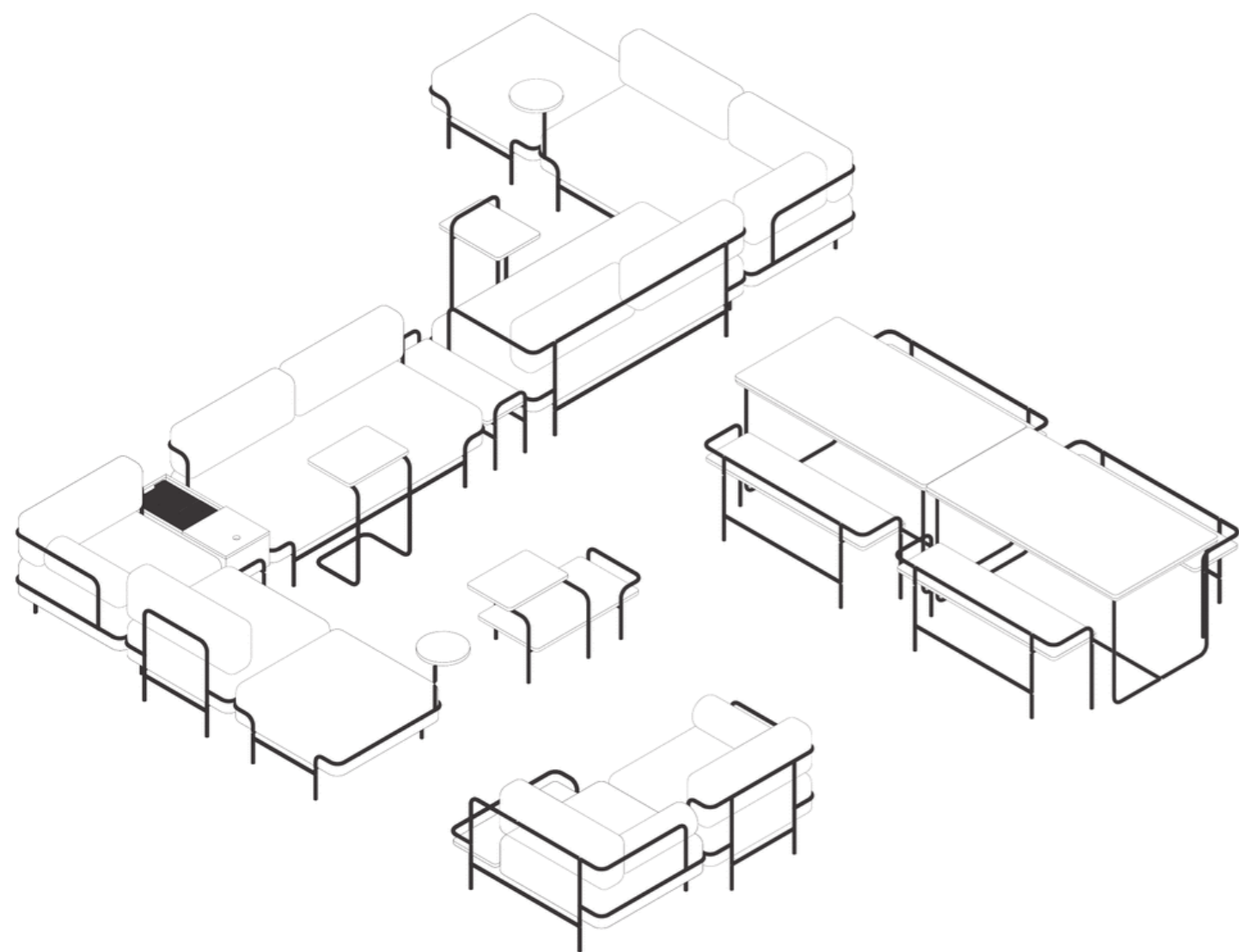
The Tangens furniture product range focuses on the value of human relationships. Direct human relationships have always been one of our most important values, and their absence has only shed more light on their importance in today's changed circumstances. The Tangens furniture product range was born from and inspired by this desire.

We arrived at the tangible structure of the furniture by delving deep into the metaphors of embracing and touching. This motif is also apparent in the products. The power of cold, masculine metal embraces and gives form to the warm, soft, feminine materials and the wood and textile elements. Their contact, their harmony, is more than the sum of their parts: they create new energy.

The curved tubular frame shows a respect for tradition, recalling the graphic Bauhaus world. The use of sustainable materials shows reverence for the future, a homage to the power of nature.

Tangens: touch and togetherness. These aspects are reflected in fine-touch, high-quality materials and the playful contrast of cold and warm sensations.





AGILE OFFICE SPACE

Our goal is to create modularly assembled, lightweight office furniture for today's needs, which can be easily arranged in space due to their lightness but also provide the comfort of a home office environment designed for the living room.

In recent years, the spread of home office areas has been accompanied by a wealth of experience, along with all its advantages and difficulties. Although the comfort and relaxed atmosphere of the home may often have a good effect on creativity and honest teamwork, at the same time it is more difficult to stay focused for many people, the individual bears greater responsibility, and people may miss the experiences of a social life. Once again, we are confronted with the collective experience that no matter our jobs and roles, we are all humans, bosses and employees alike. The Tangens furniture family smuggles this humanness and democratic atmosphere back into the workplace, where we will return sooner or later.

The ease of variability makes Tangens the ideal equipment for an agile workspace: the furniture seamlessly follows and helps dynamically changing work processes, team compositions, and functional needs.

It can be customized thanks to its modular structure, dynamically adapting to any space and task. It easily adapts to the task and performance-oriented office atmosphere, bringing playfulness and transparency into everyday life. Because it is the personal presence of the people and not the furniture that dominates the space, Tangens promotes a sense of belonging and team cohesion. The furniture family provides a solution for every aspect of office life: from isolated thinking through confidential discussions to group work.

The use of color is modest but lively. Creating a friendly and non-intrusive environment, Tangens unobtrusively supports and energizes the unfolding of relationships and productivity.



MODULARITY

Although the idea, design and manufacture of Tangens is the fruit of our careful work, the customer still has to take the last step. With the almost endless possibilities of combinations Tangens offers, we provide an opportunity to perfectly tailor your furniture to your the processes, atmosphere, design, and possibilities of your workplace.

Lightweight, airy furniture finds its place in almost any environment: offices, community waiting rooms, lobbies, even at home.





The collection now premiering includes seating and storage furniture, tables, and room dividers. Not only do the elements have a matching style, all of their bends are at the same height, allowing them to be aesthetically placed in any combination. Even though the personal belongings of employees do not play a significant role in an agile workspace, the various storage tables still make the direct environment comfortable and personal, as personal items are always close by.



The storage elements fit together modularly.

The storage cabinet can be open, closed at the rear, or fully lockable with sliding doors. An optional storage box can be fitted to the top, which makes the piece the same height as the desk. As they have the same dimensions, the elements can even be freely combined with the shelves.

The shelves have a free-standing structure and are stable to stack. By varying the direction of joints, the distance between the shelves and the height of the base can be adjusted in 2 steps.

The frames can be used to fit boxes and even shelves available with 2 edge heights. The frame is available in a range of different colors.

The top of the storage box is multifunctional: it is basically a simple closing cover, but when turned upside down it can be used as a small storage unit, which is also excellent for plant trays. When inserted into the storage part, it can be used to create compartments.

Screens and room dividers allow the space to be divided into sections with different functions, sizes and moods. Almost anything, from remote work areas to waiting rooms, can be created without disturbing the uniform design.

With mobile small tables, you can create workspaces in a matter of seconds, even in locations used for meetings. By using additional storage, tables, and room dividers, the work environment can be completely adapted to the task and to your personal taste – like an extension of your home.





ERGONOMICS

Being in the office means sitting. We sit in front of our computer, in meetings, and in other offices, waiting. That is why we paid special attention to our seating furniture elements.

The hard, stretched seating surfaces and the seat height, increased by a few centimeters, are both optimal in helping the long time spent sitting, maintaining concentration, and supporting our body. We are all different: the wide seating surfaces are comfortable for all body shapes and can be easily adapted with a wide range of additional cushions.



And the cushion is not just a simple cushion. Our accessories not only serve aesthetic purposes, they allow you to adapt to different body shapes. With the help of functional cushions, our armchairs and sofas can be customized with easy adjustment of the lumbar support, arm height and seat depth, making them comfortable and supportive in all situations.

The different textures and colors provide endless variability, and the combinations of elements of our thorough, well-conceived material palette always result in a harmonious overall picture.



UPHOLSTERY FABRIC



Terra 2 | Lech



Terra 4 | Lech



Terra 5 | Lech



Terra 7 | Lech



Terra 10 | Lech

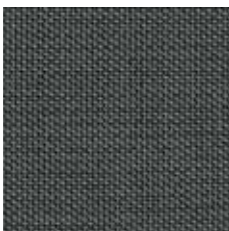
LECH Terra
100% PES
370 g/m² ± 5%
martindale: 67,000



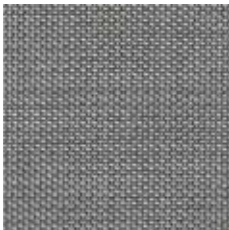
Topia Aureo | Rohi



Topia Chrom | Rohi



Topia Schiefer | Rohi



Topia Silver | Rohi

ROHI Topia
95% wool, 5% PA
440 g/m² - 660 g/rm
martindale: 50,000



Shake Malve | Rohi



Shake Jade | Rohi

ROHI SHAKE
95% wool, 5% PA
440 g/m² - 660 g/rm
martindale: ≥ 70,000

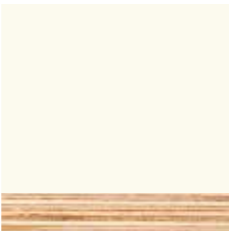
WOODEN MATERIAL



birch plywood



oak veneer sheet
MDF



white HPL
plywood



slate-gray HPL
plywood

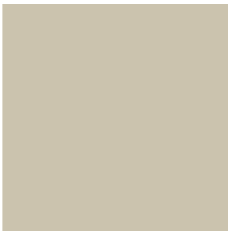


graphite black HPL
plywood



oak veneer sheet birch
plywood

SINTERED METAL



gold sand
(AX Anodic Champagne)



Eden blue
(AX Eden Garden)



salmon
(RAL 3012)



aluminum gray
(RAL 9007)



blackish gray
(RAL 7021)



MATERIAL USE

Our selected materials are all high quality and designed for long term use. Keeping the values of environmental awareness and sustainability in mind, we rely on resources that do not destroy the environment in order to achieve our goals or are durable enough to be used for a lifetime.

We have chosen textiles made of highly wear-resistant recycled PET bottles and woven wool for the collection, which harmonize perfectly and complement the colors. The sintering of steel pipes is carried out on a modern automated line that recycles the excess generated during powder coating. The raw material of the wooden elements is plywood with good structural stability, which is the best choice for our environmentally friendly furniture product range due to its recycled nature and the minimal amount of cutting waste. The seating surfaces are built on a durable wave spring load-bearing structure with a lifecycle that spans generations. The fillers also include, where possible, recycled felt and ground materials. The upholstered elements are carefully made by hand. The combination of modern innovation and traditional technologies is a guarantee of high quality.

The use of color is modest but lively. Pastel colors do not proclaim their presence despite their brightness, keeping the focus on the work processes and concentration.

Modularity and free combinability are thus perfectly realized in terms of materials and colors, ensuring the end result is always uniform and harmonious.

The logistics of the Tangens furniture family's raw materials have been designed according to the expectations of project management, with both textile and wooden elements available in several categories with different material qualities and prices. In addition, the variability of Tangens does not stop at the options we offer: colors, paints, textiles or even the raw materials of storage elements can be changed to suit your company's or project's design - or budget.

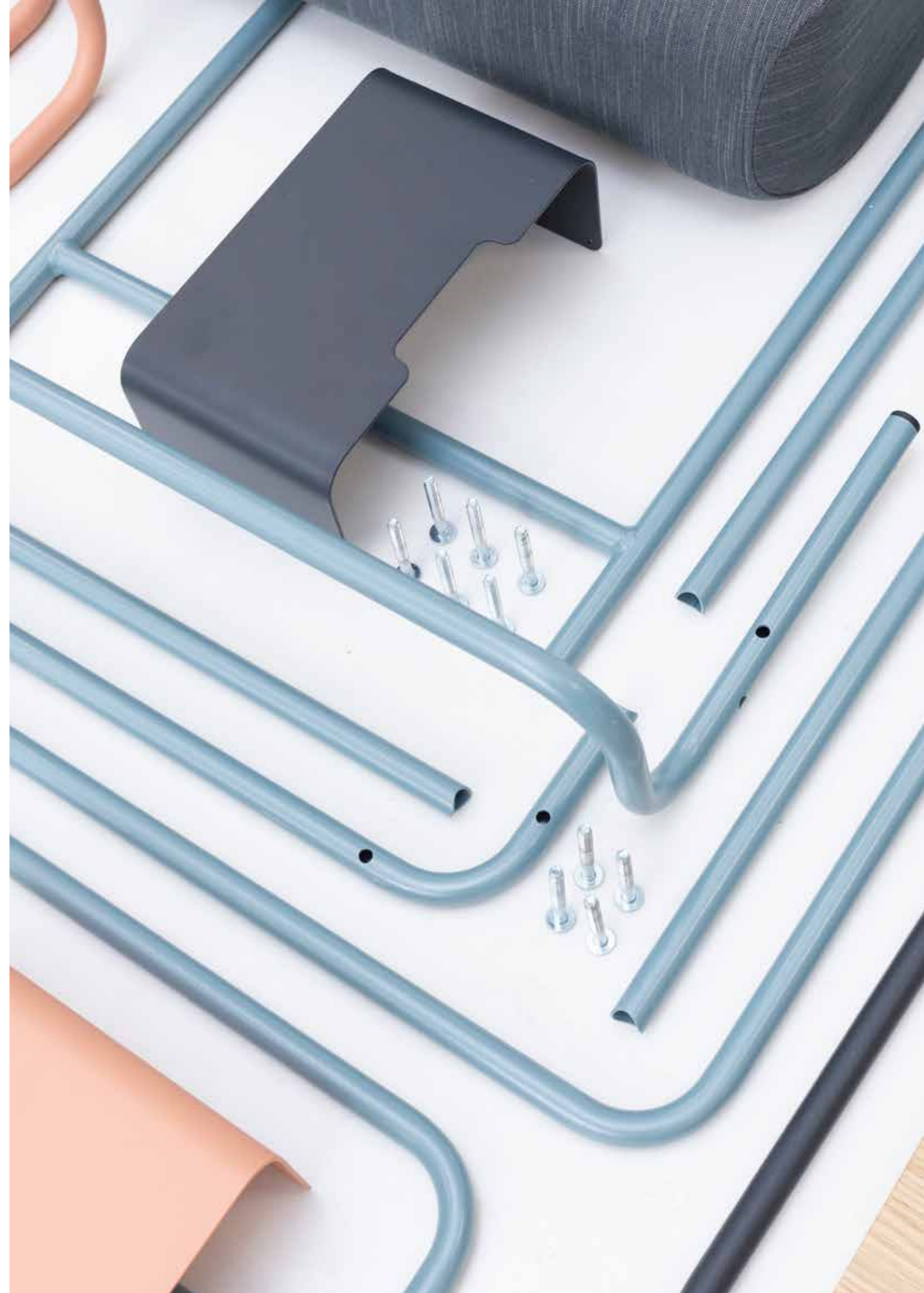


MANUFACTURING AND SUSTAINABILITY

Long term - that is the motto of Tangens production.

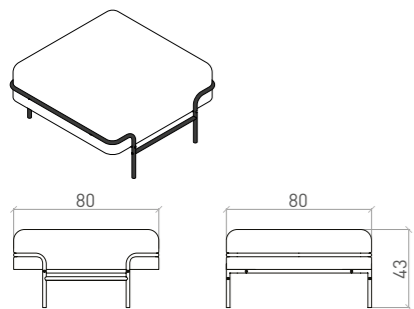
Optimal logistics features not only help with transport, disassembly and assembly, but the ergonomic design also provides sustainability. A respect for nature, the use of sustainable materials in the collection, recycling and circularity in mind in the design phase are all important values for us. The high-quality materials applied withstand constant load, and the Velcro solution used by the covers makes it easy to change – whether it's for cleaning or changing the color for a new look. In the spirit of social responsibility, customers can offer their office furniture in good condition but being replaced due to a design refresh or any other reason, to schools, kindergartens, dormitories, and children's homes. We will find the institution, they cover the cost of transportation, and we deliver it to the right place.

The synergy created by the cooperation of Rotte's factories results in an immensely smooth production process. Our metal factory unit acts as bandmaster to bring together the production processes, while the woodworking plant and the textile factory support it by providing the right rhythm. Even in the design stage, we optimized the elements for modern machine parks, utilizing the capacities of the pipe bending machine and the pipe laser and the productivity of the automated powder coating plant.

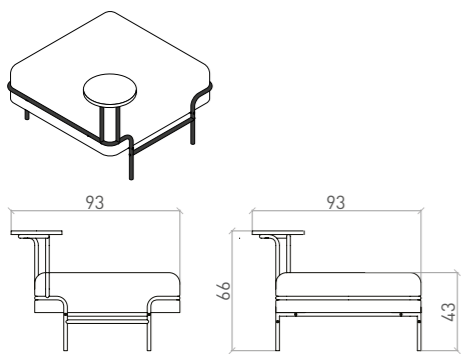


TANGENS SEATING

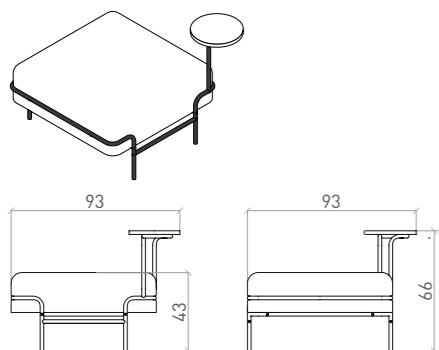




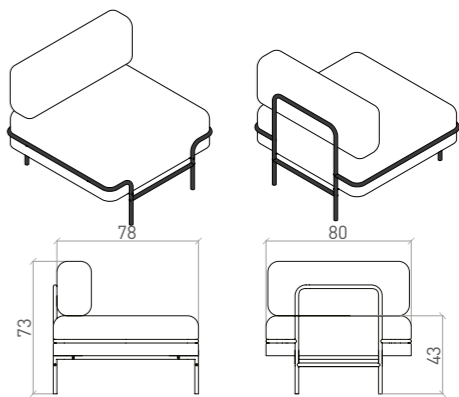
T001
tangens ottoman



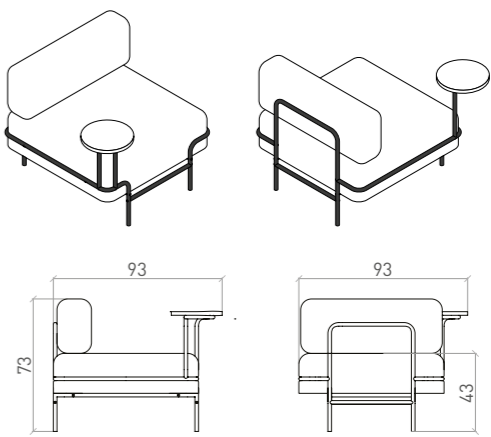
T001_R
tangens ottoman with right-side round table



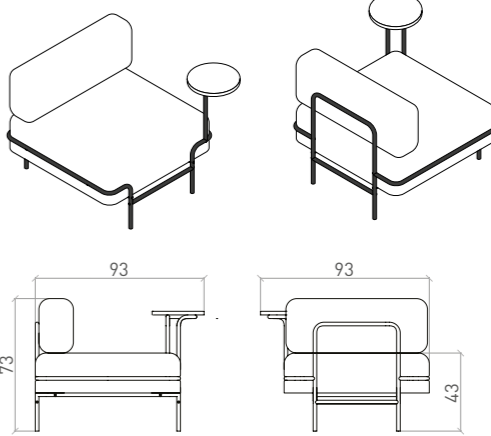
T001_L
tangens ottoman with left-side round table



T003
tangens armchair

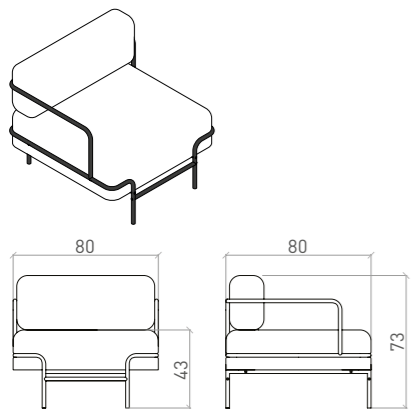


T003_R
tangens armchair with right-side round table

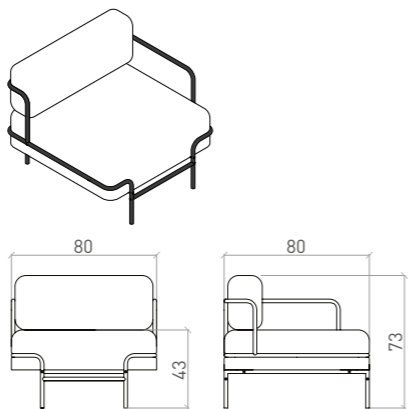


T003_L
tangens armchair with left-side round table

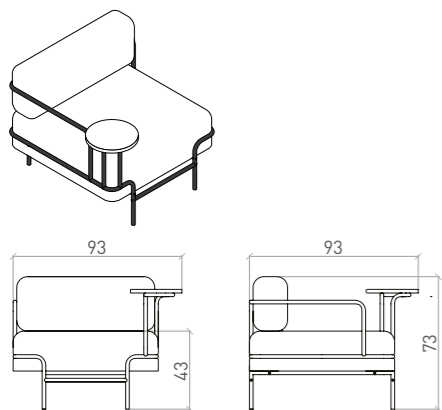




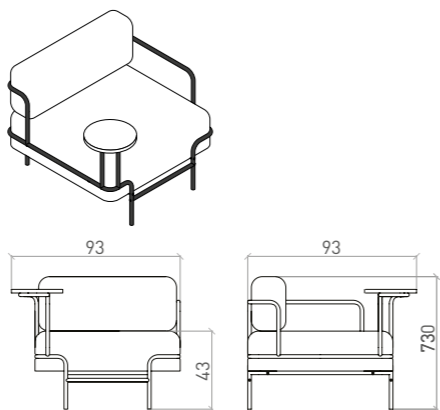
T004R
tangens armchair with L armrest on the right side



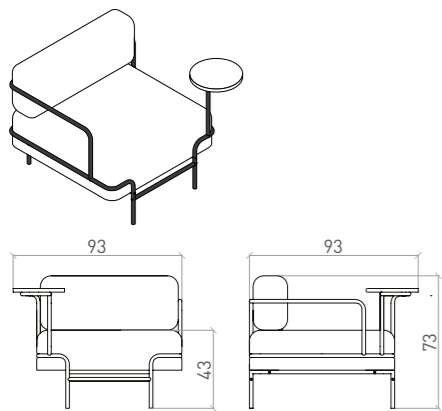
T004L
tangens armchair with L armrest on the left side



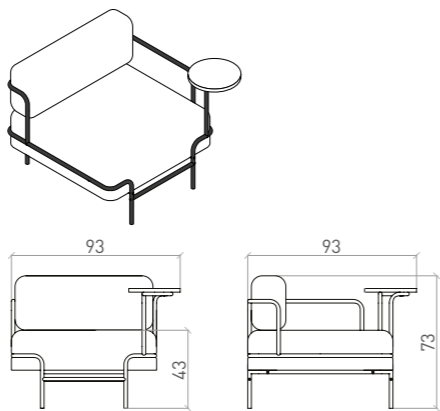
T004R_R
tangens right-side armchair with L armrest, with right-side round table



T004L_R
tangens left-side armchair with L armrest, with right-side round table

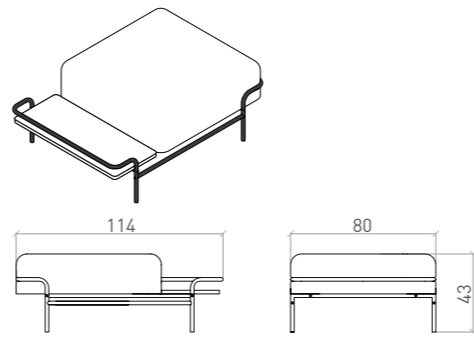


T004R_L
tangens right-side armchair with L armrest, with left-side round table

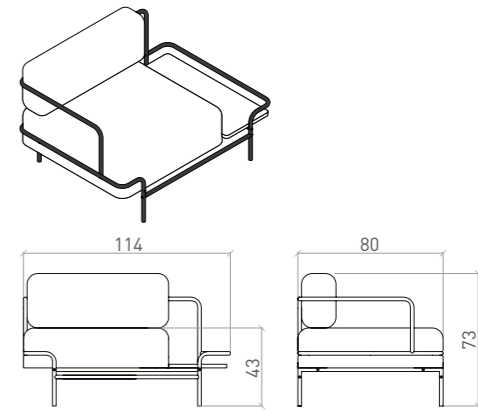


T004L_L
tangens left-side armchair with L armrest, with left-side round table

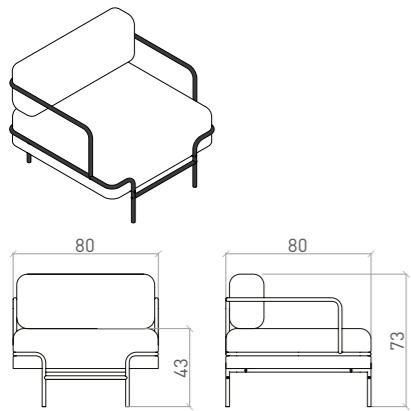




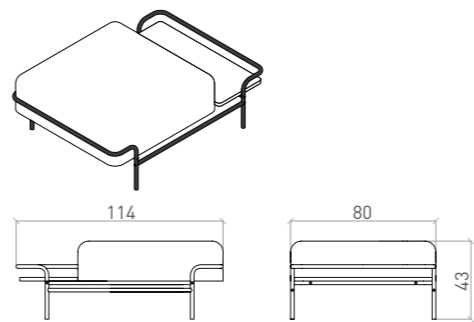
T002R
tangens ottoman with right-side storage table



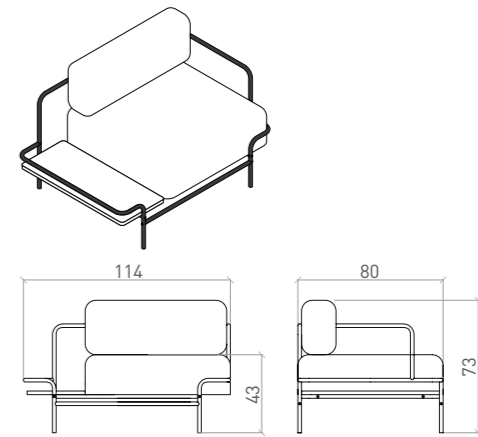
T005R
tangens armchair with L armrest on the right side, with storage table



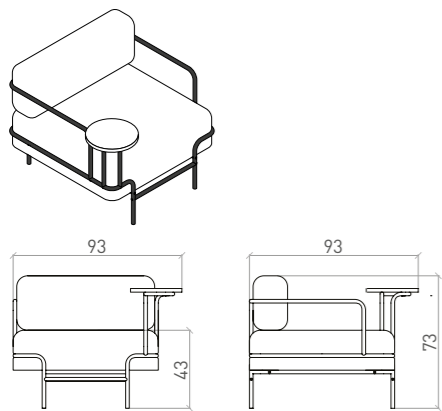
T006
tangens armchair with U armrest



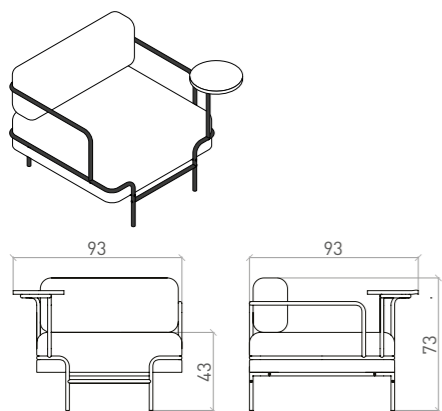
T002L
tangens ottoman with left-side storage table



T005L
tangens armchair with L armrest on the left side, with storage table

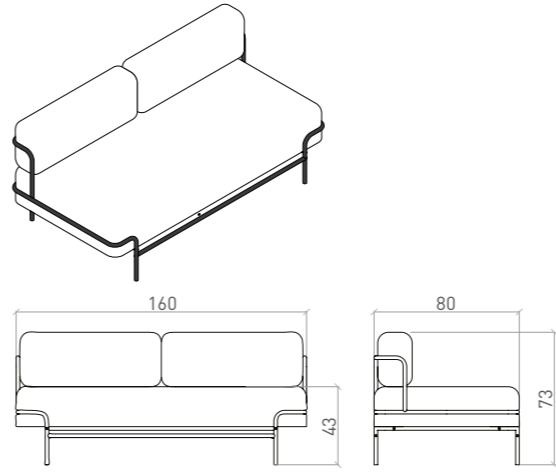


T006_R
tangens armchair with U armrest, with right-side round table

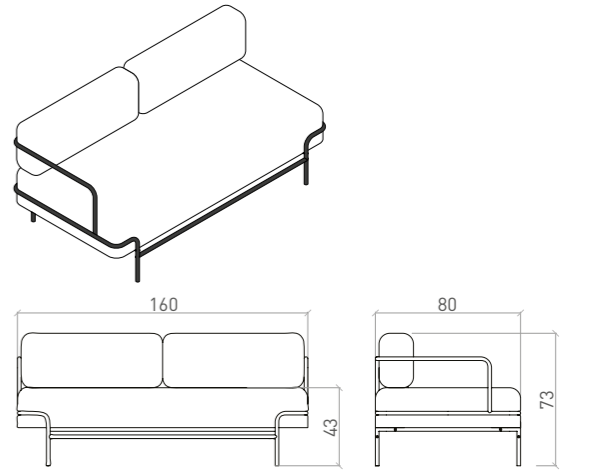


T006_L
tangens armchair with U armrest, with left-side round table

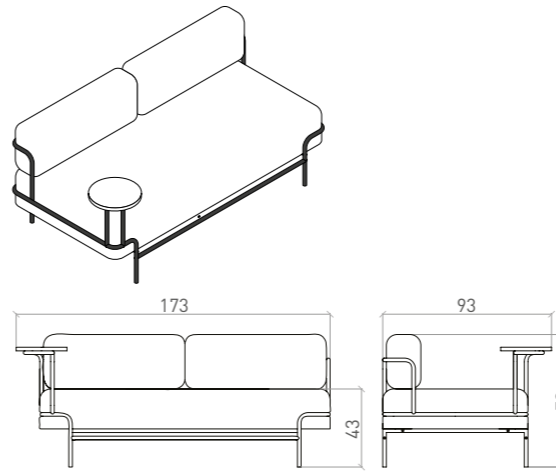




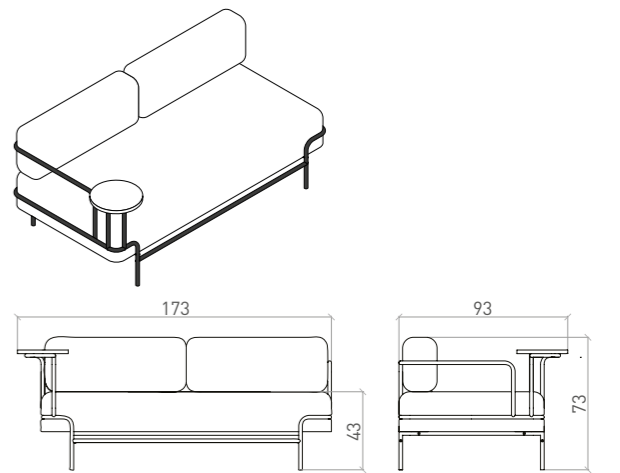
T007
tangens sofa



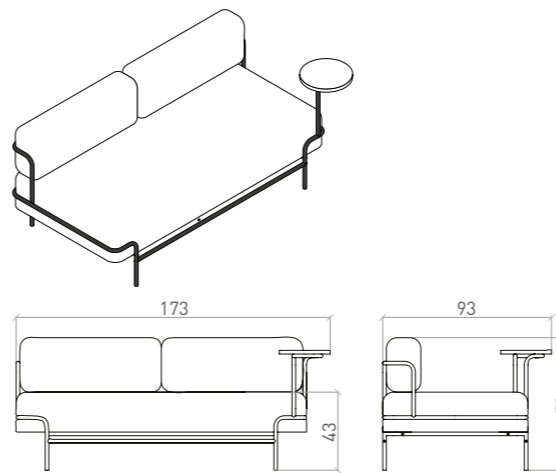
T008R
tangens sofa with L armrest on the right side



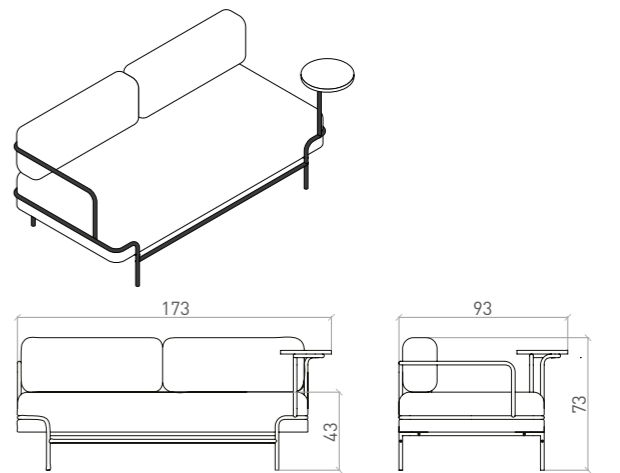
T007_R
tangens sofa with right-side round table



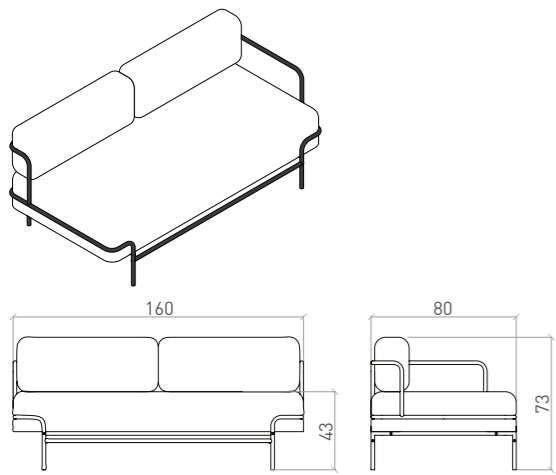
T008R_R
tangens sofa with L armrest on the right side, with right-side round table



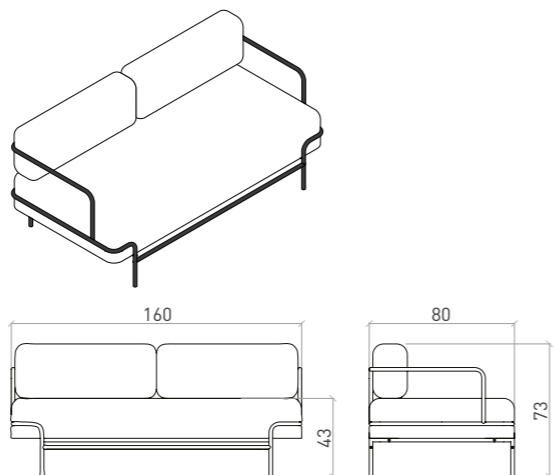
T007_L
tangens sofa with left-side round table



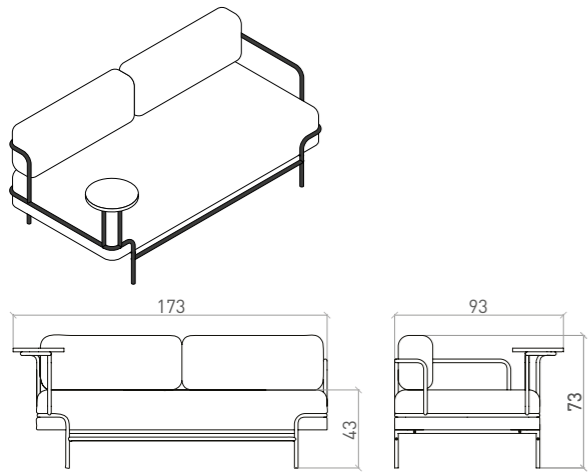
T008R_L
tangens sofa with L armrest on the right side, with left-side round table



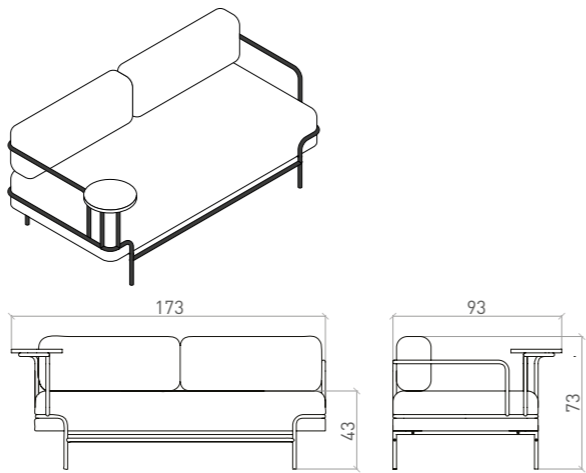
T008L
tangens sofa with L armrest on the left side



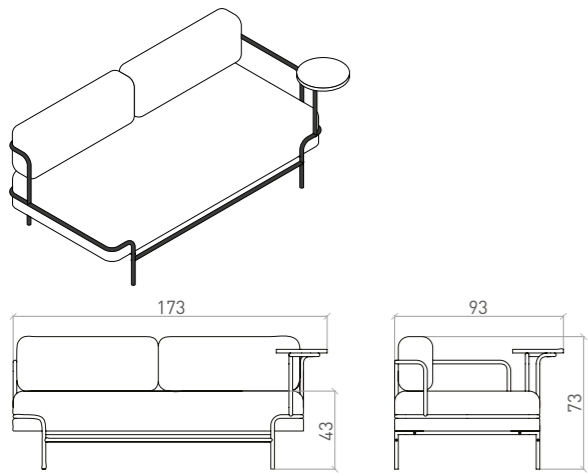
T009
tangens sofa with U armrest



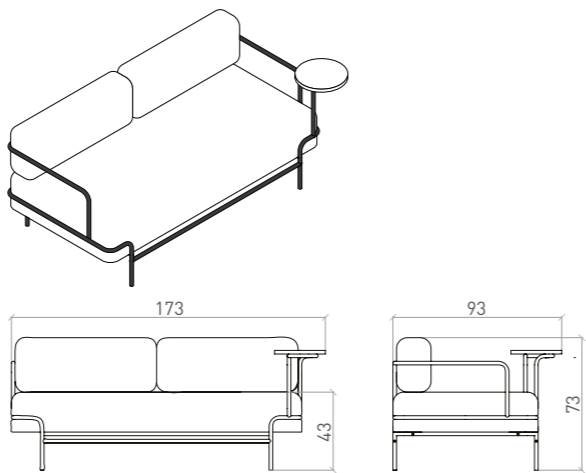
T008L_R
tangens sofa with L armrest on the left side, with right-side round table



T009_R
tangens sofa with U armrest, with right-side round table



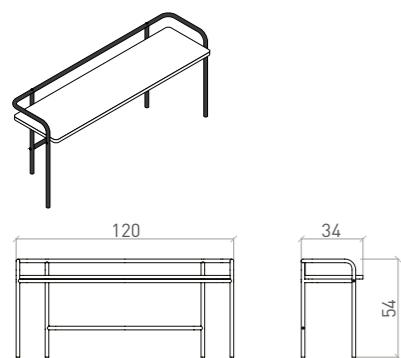
T008L_L
tangens sofa with L armrest on the left side, with left-side round table



T009_L
tangens sofa with U armrest, with left-side round table



By combining a sofa with U armrest and another sofa with L armrest, you can create a corner sofa.

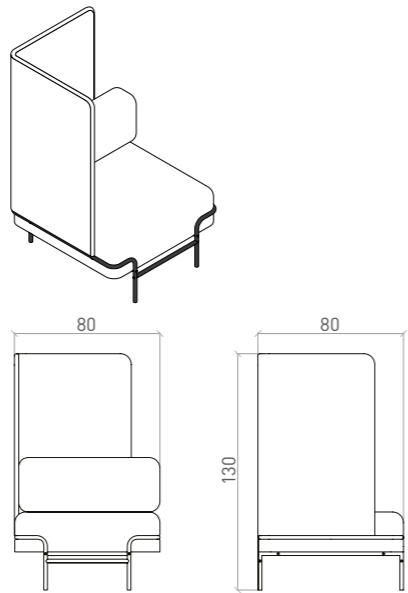


T0010
tangens bench

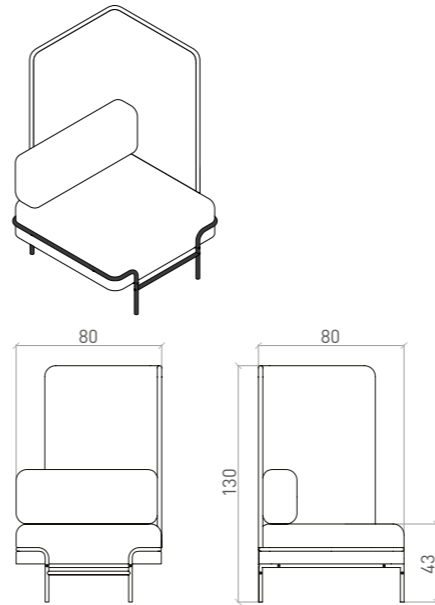


TANGENS SEATING WITH ROOM DIVIDERS

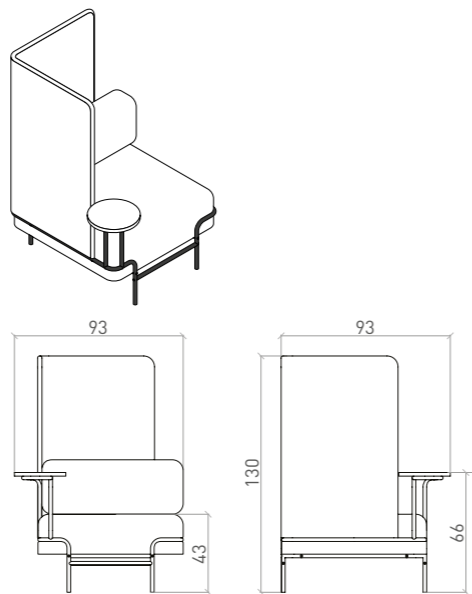




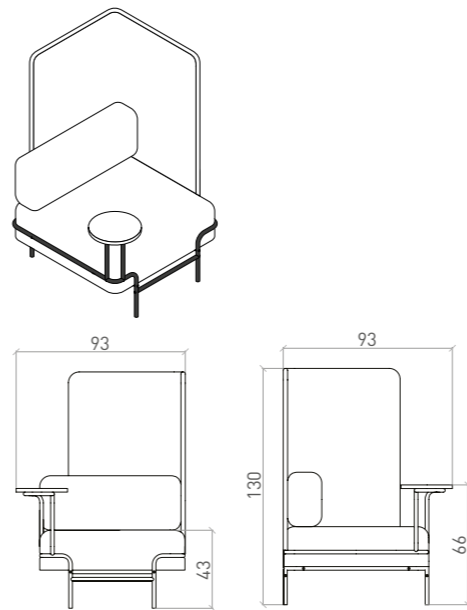
T011R
tangens right-side armchair with L divider



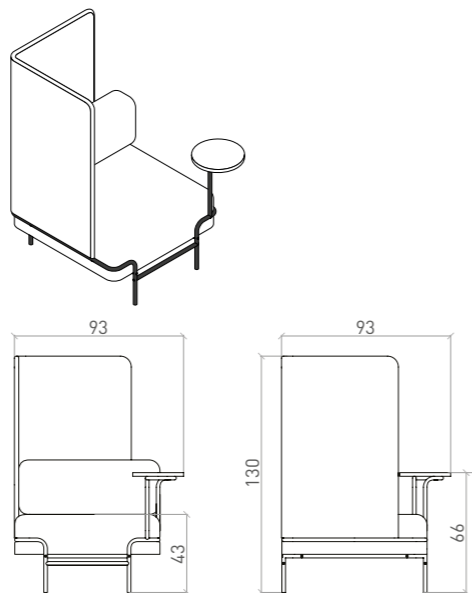
T011L
tangens left-side armchair with L divider



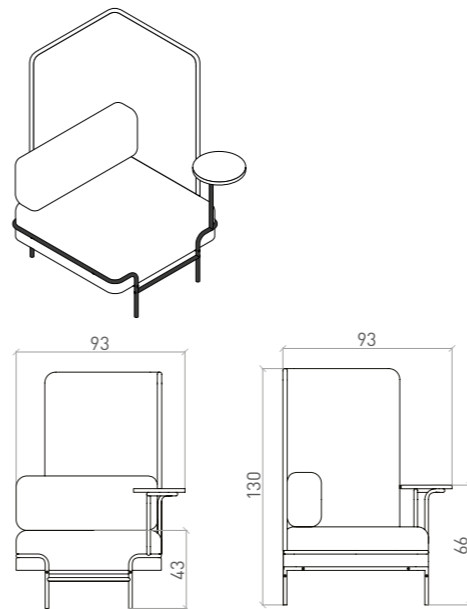
T011R_R
tangens right-side armchair with L divider, with right-side round table



T011L_R
tangens left-side armchair with L divider, with right-side round table

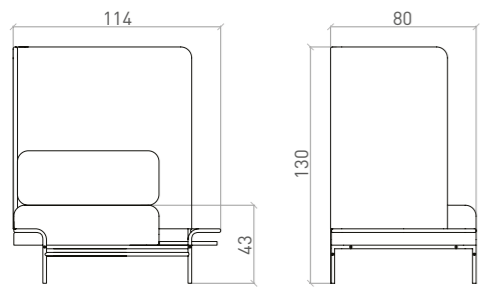
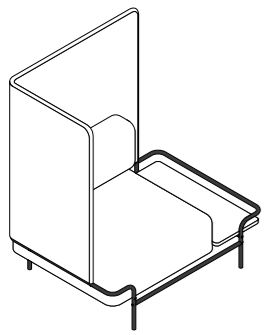


T011R_L
tangens right-side armchair with L divider, with right-side round table

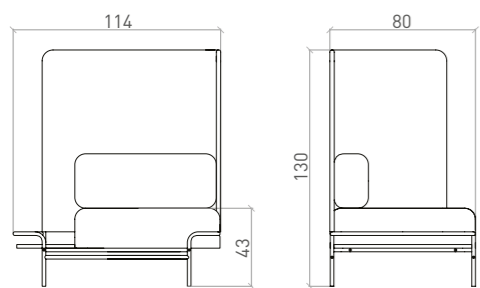
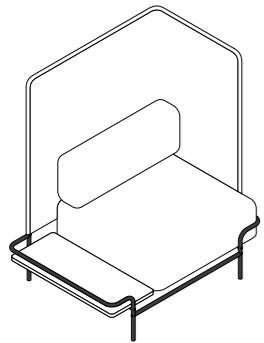


T011L_L
tangens left-side armchair with L divider, with left-side round table

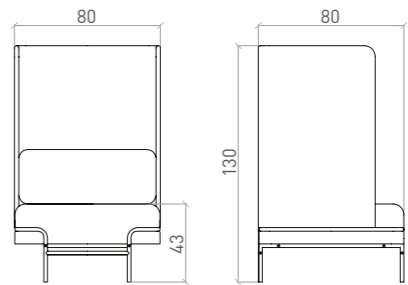
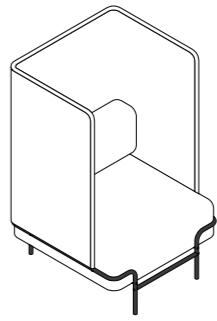




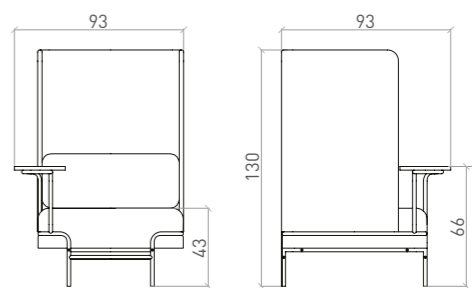
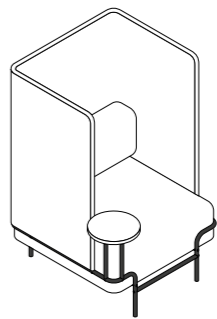
T012R
tangens right-side armchair with L divider, with storage table



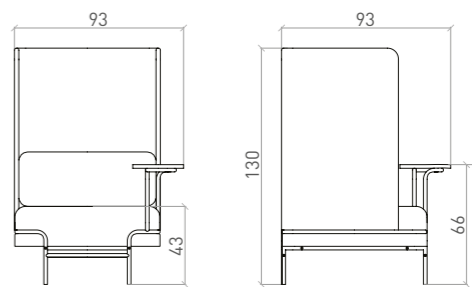
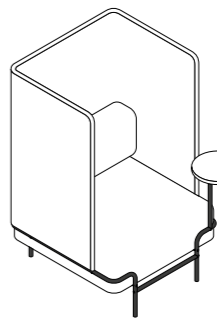
T012L
tangens left-side armchair with L divider, with storage table



T013
tangens armchair with U divider

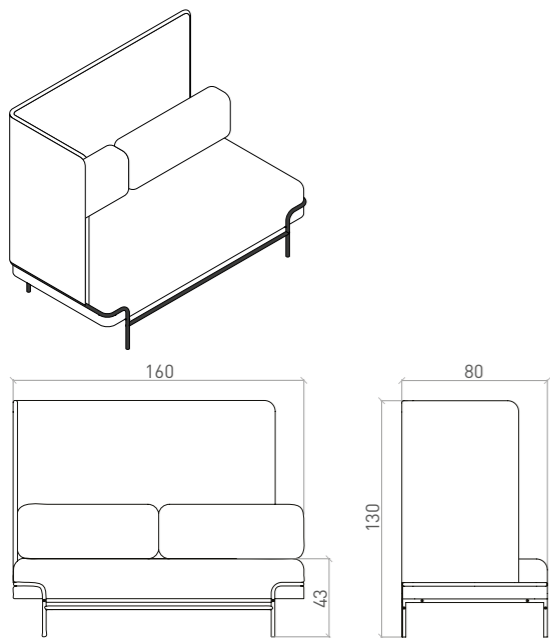


T013_R
tangens armchair with U divider, with right-side round table

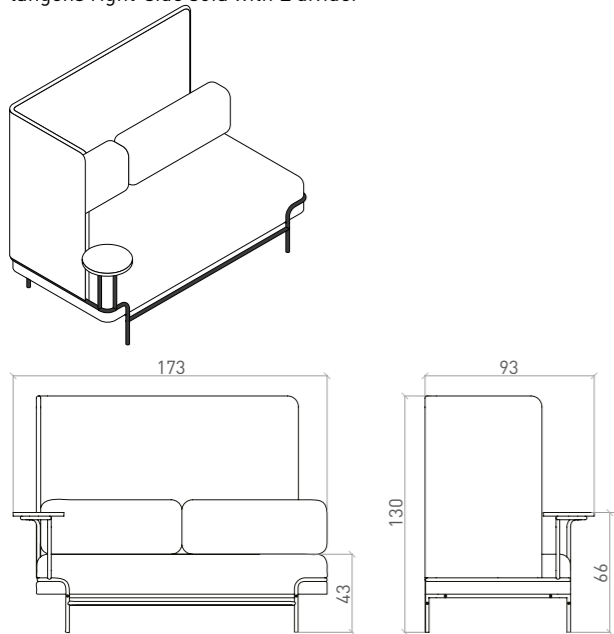


T013_L
tangens armchair with U divider, with left-side round table

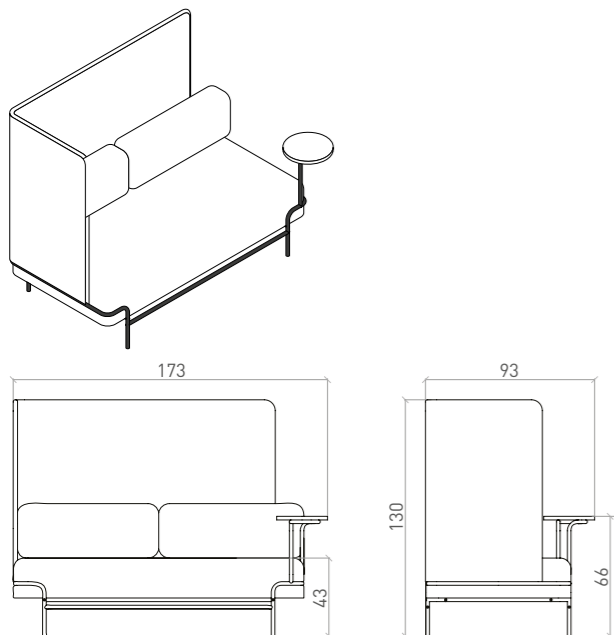




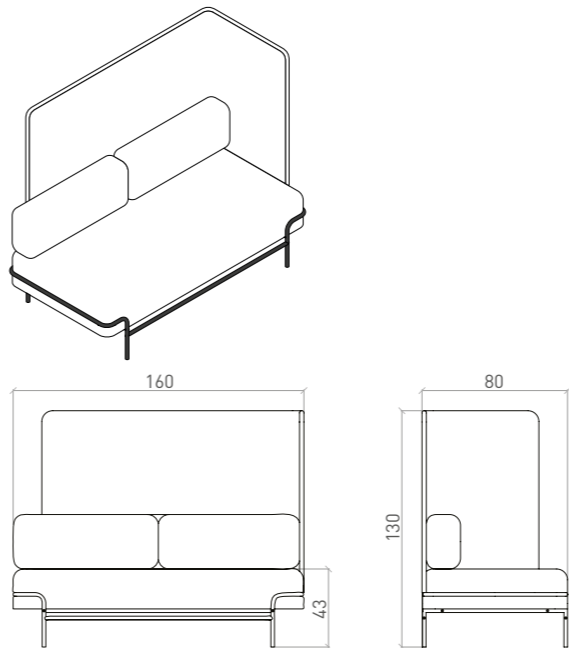
T014R
tangens right-side sofa with L divider



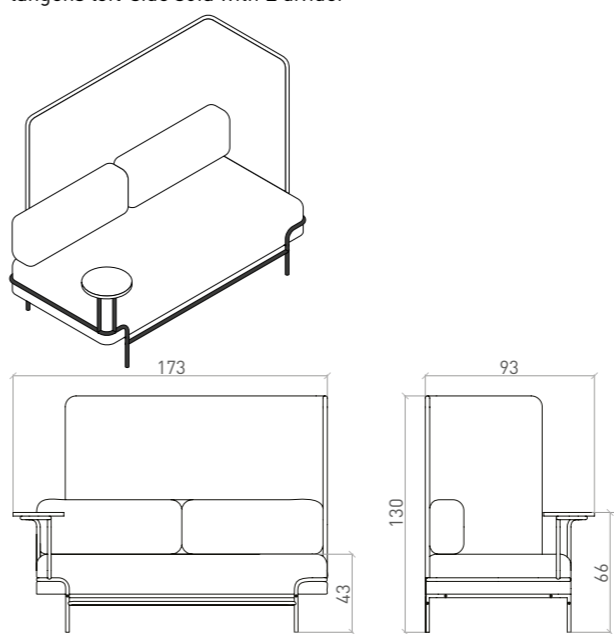
T014R_R
tangens right-side sofa with L divider, with right-side round table



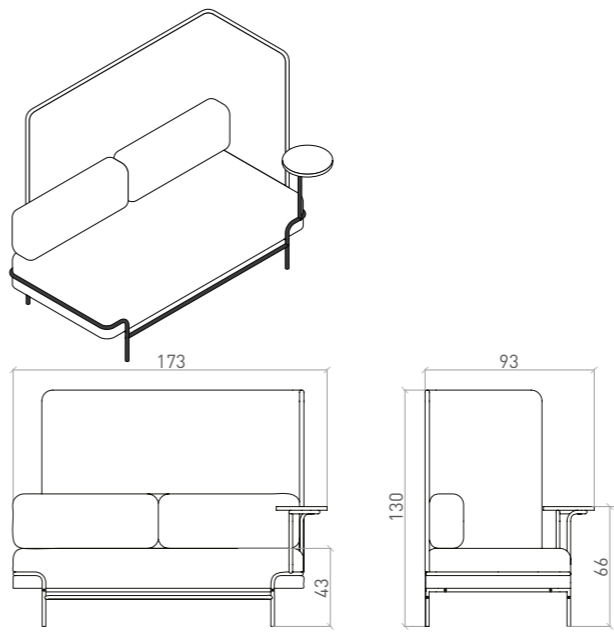
T014R_L
tangens right-side sofa with L divider, with left-side round table



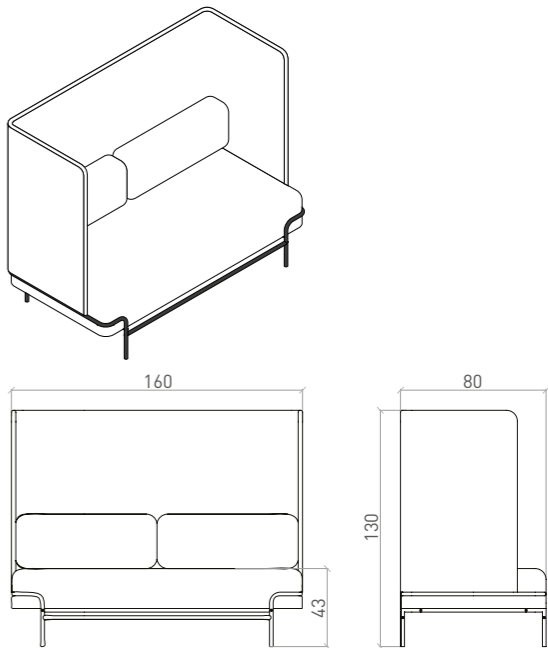
T014L
tangens left-side sofa with L divider



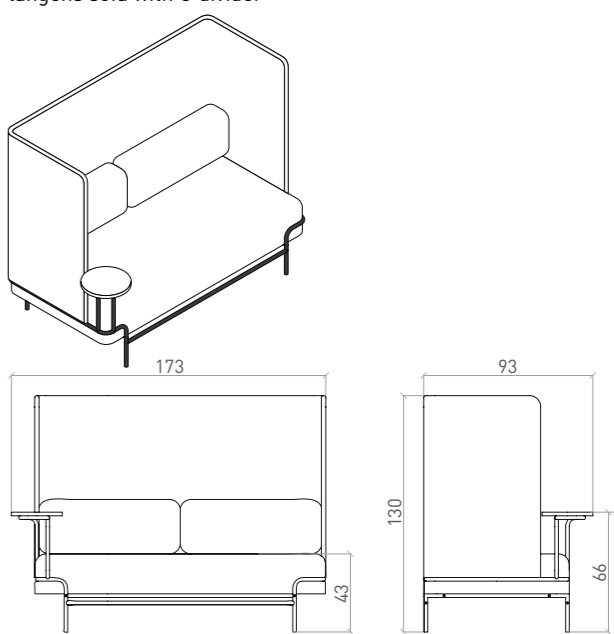
T014L_R
tangens left-side sofa with L divider, with right-side round table



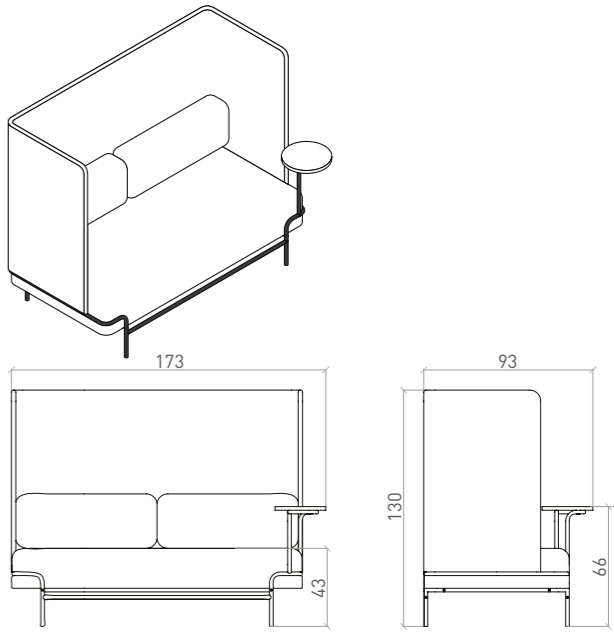
T014L_L
tangens left-side sofa with L divider, with left-side round table



T015
tangens sofa with U divider

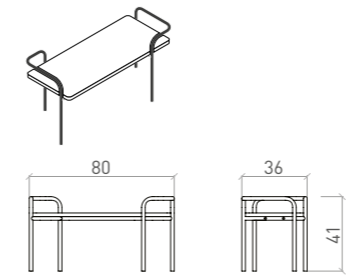


T015_R
tangens sofa with U divider, with left-side round table

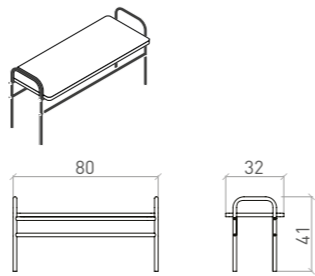


T015_L
tangens sofa with U divider, with right-side round table

TANGENS TABLE

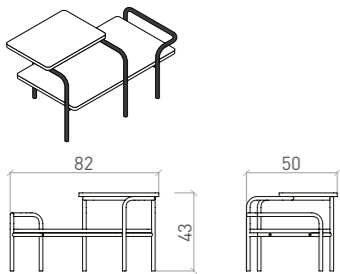


T020
tangens asymmetrical coffee table

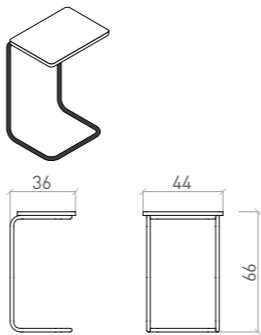


T021
tangens storage table



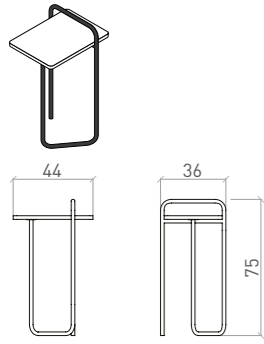


T022
tangens double deck small table

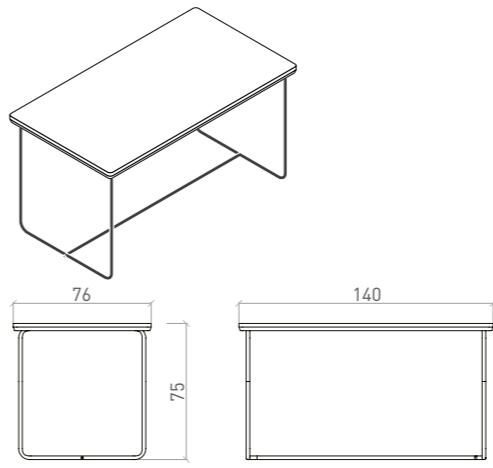


T023
tangens toboggan small table





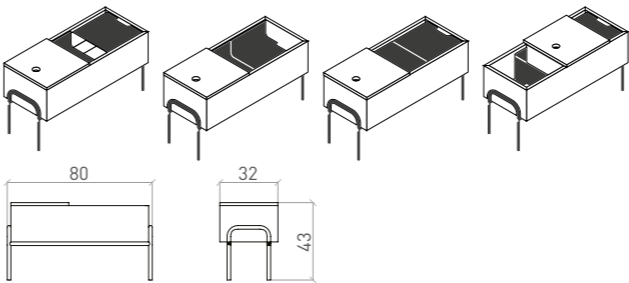
T024
tangens small table with handle



T025
tangens desk

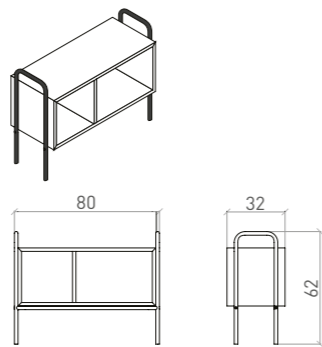


TANGENS STORAGE

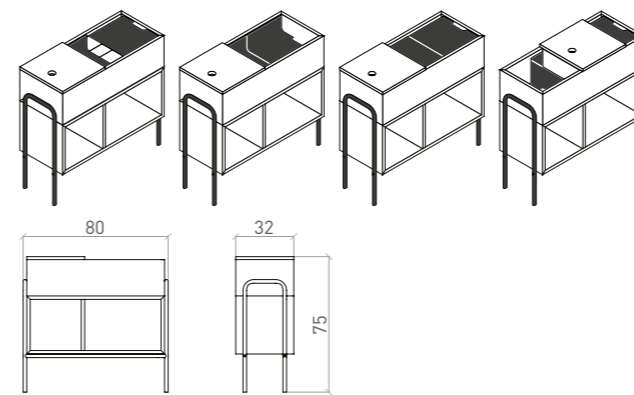


T030
tangens storage box

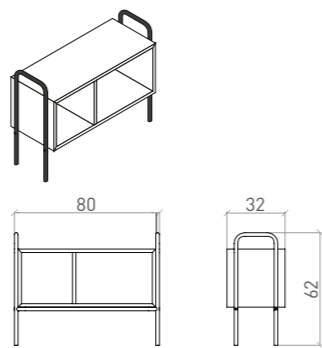




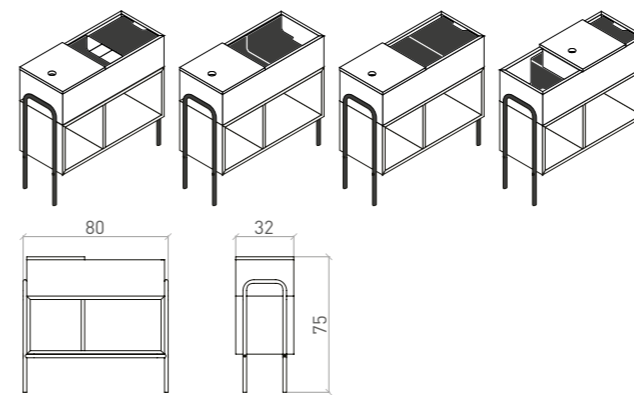
T031
tangens storage cabinet



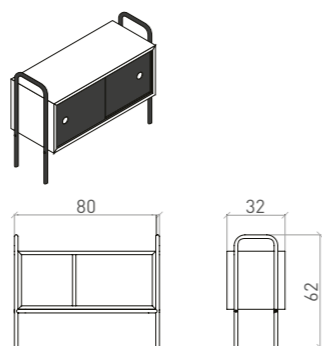
T032
tangens storage cabinet with storage box



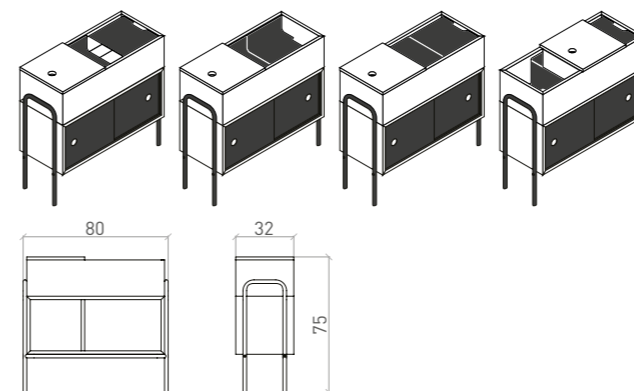
T031_0
tangens open storage cabinet



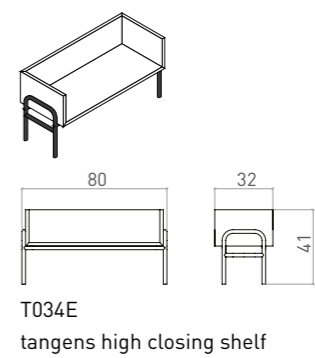
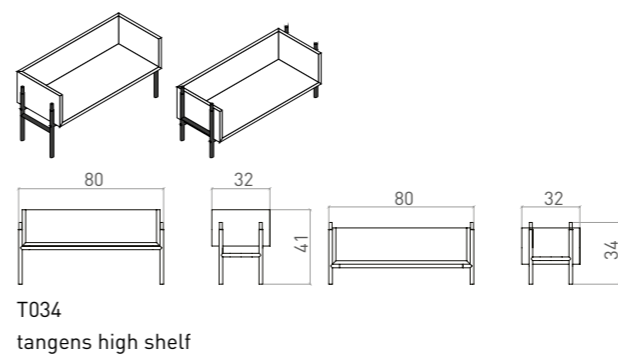
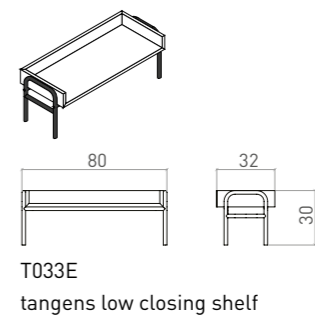
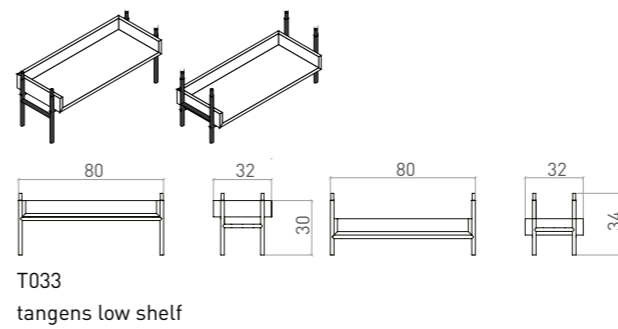
T032_0
tangens open storage cabinet with storage box

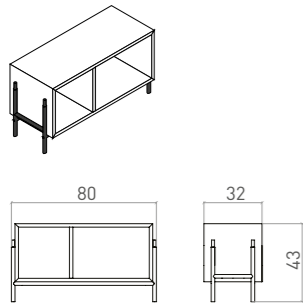


T031_D
tangens sliding door storage cabinet

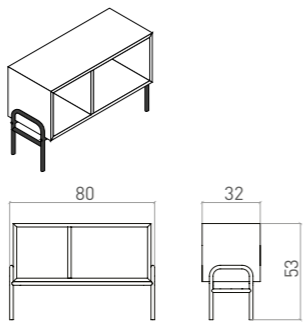


T032_D
tangens sliding door storage cabinet with storage box

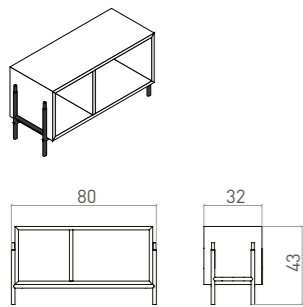




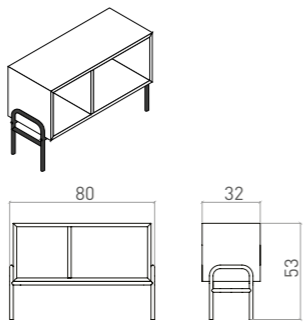
T035
tangens storage cabinet shelf



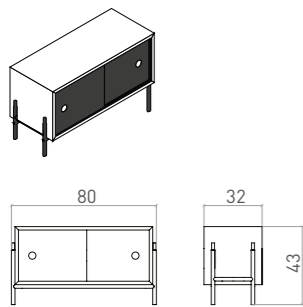
T035E
tangens storage cabinet closing shelf



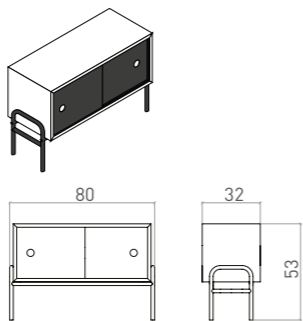
T035_O
tangens open storage cabinet shelf



T035E_O
tangens open storage cabinet closing shelf



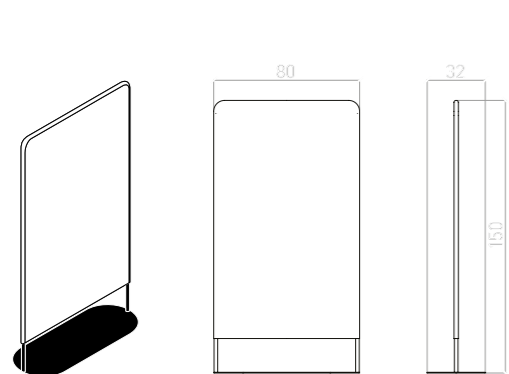
T035_D
tangens sliding door storage cabinet shelf



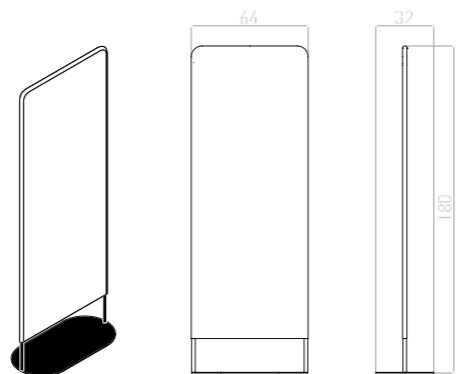
T035E_D
tangens sliding door storage cabinet closing shelf

TANGENS ACCESSORIES



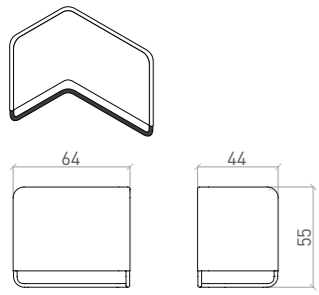


T040
tangens low divider

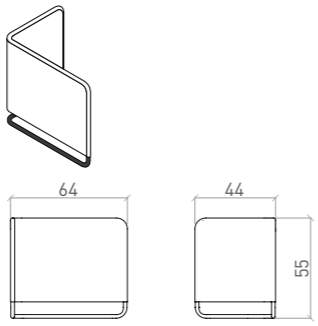


T041
tangens high divider

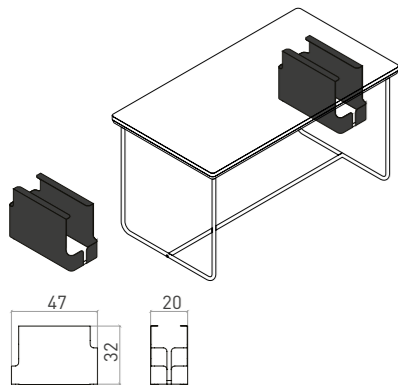




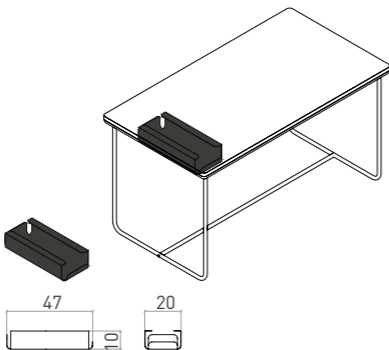
T042R
tangens tabletop right-side divider



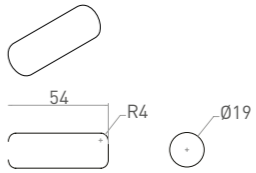
T042L
tangens tabletop left-side divider



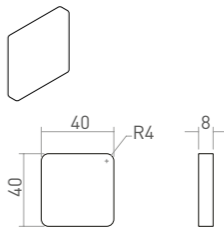
T043
tangens tabletop right-side divider



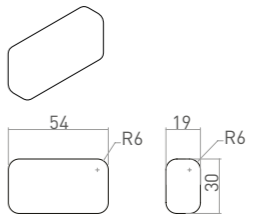
T042
tangens tabletop cable holder



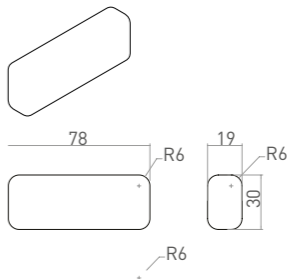
T045
tangens cylinder cushion



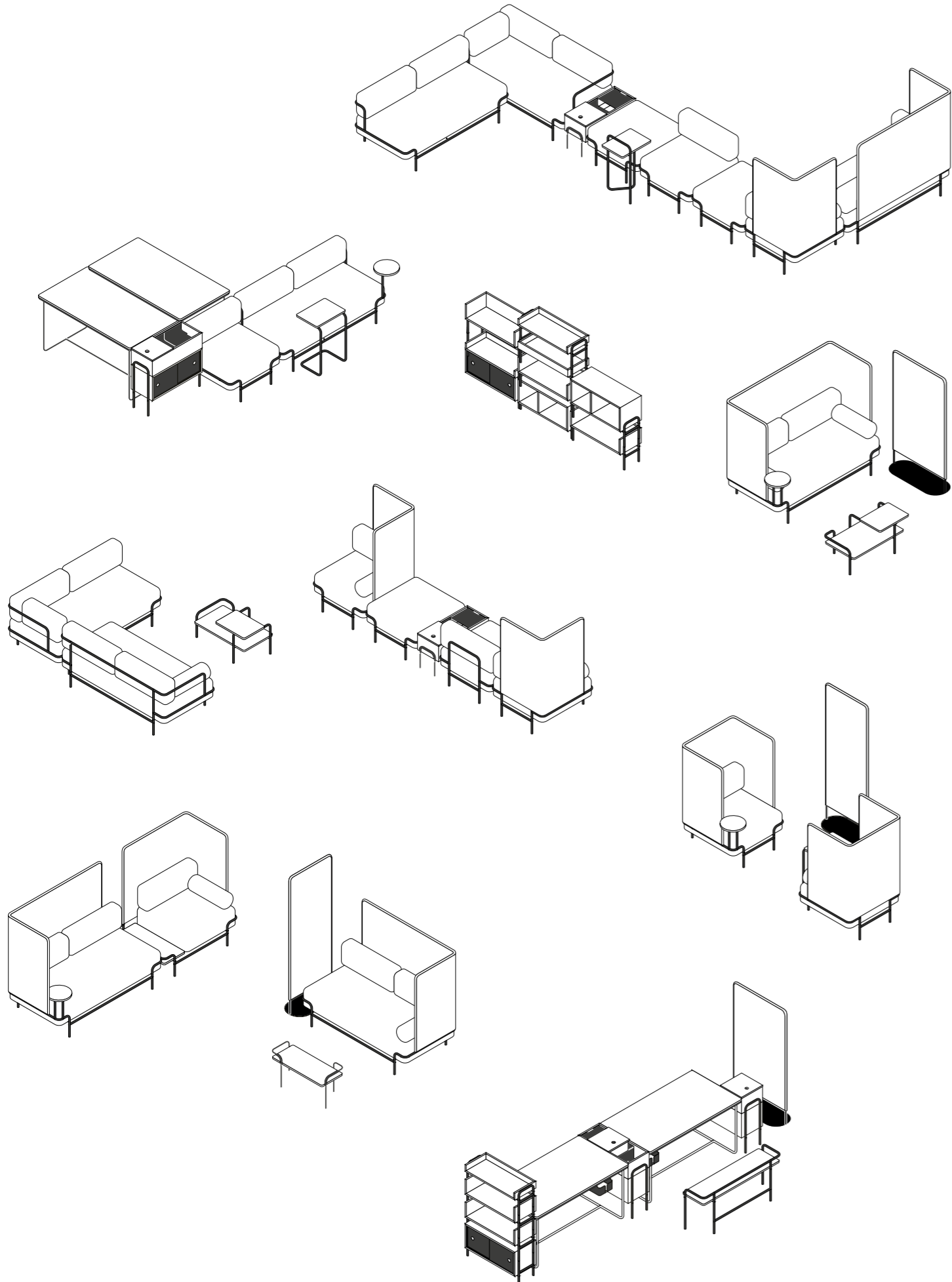
T046
tangens decorative cushion



T047
tangens armrest



T048
tangens backrest



sarakele



Sára Kele designs furniture and commodities, creates graphics, participates in interior design projects and hosts design workshops, and is committed to sustainable development.

Under the umbrella of the sarakele brand, she created her first product almost 10 years ago and has been working with relentless creativity ever since.

Over the years, she has managed projects in various team structures, which have also been noticed by international exhibitions in the industry. She has also participated in exhibitions in London, Barcelona, Denmark, Israel and South Korea, and is the holder of many prestigious national and international awards and recognitions.

Sára creates her work along the lines of decisions based on conscious responsibility, taking into account the effects on the environment and the community, using experimental materials, always keeping usefulness and usability in mind. In the production phase of the product, she pays great attention to localism, encourages factories to be environmentally conscious, and strives to involve the craftsmanship of local craftsmen.

ROTTE GROUP

The company group formed from Rotte Kft. is the result of a group of companies that plays a leading role in the design and manufacture of furniture and equipment for institutions, hotels, and commercial spaces worldwide. This results in professional services. The company is made up of teams of different professionals: communication and marketing professionals, commercial experts, architects, interior designers, industrial and graphic designers, engineers, craftsmen, and skilled workers. They all enrich the work by contributing their specific know-how to each stage of the process, creating, developing and implementing unique projects that win the hearts of customers.

Our company in numbers:

- 5 factory units (textile, wood, metal, stainless steel, marketing)
- EUR 40 million turnover
- more than 40 managers who ensure the management of sales projects end to end
- more than 25 engineers who provide the professional background of efficient manufacturing
- more than 32 teams of mechanics involved in the implementation of the project
- 290 employees, white and blue collars



The project was developed in the framework of the HFDA designLAB incubation program.

| | |
|--|--|
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| SALES, MANAGER | KATA GAZDAG katalin.gazdag@rottegroup.eu +36 70 3130333 |
| PHOTO | JÁNOS KMETÝKÓ, HFDA |

