A modern classroom interior featuring various furniture arrangements. In the foreground, there are several hexagonal tables with orange chairs. To the left, a large, curved, modular seating area in shades of blue and grey is visible. In the background, there are more tables and chairs, a whiteboard, and framed posters on the wall. The text "MODERN SCHOOL FURNITURE FOR MULTIFUNCTIONAL CLASSROOMS" is overlaid in white on a dark blue background.

MODERN SCHOOL FURNITURE FOR MULTIFUNCTIONAL CLASSROOMS

OUR HISTORY

Furniture manufacturing with over 25 years experience

Alex Fémبútor Kft established in 1991., and shortly after became market leader in Hungary at school furniture manufacturing. Our main strength is the manufacturing of metal frame furnitures. We have an outstanding manufacturing capacity which is also significant in the international market too. Our 14.000 m² factory is located near to Budapest and close to the E75 motorway. In the last couple of years we built good partnerships with western european customers and one of our main priority is to serve our existent and future partners according to the highest standards.

The School as a learning- and living space

The furnishing of a school must be important since the kids are spend almost the whole day in the school so it does matter. Our different classroom conceptions, the wide range of colors, the cosy and ergonomic fixed and adjustable height furniture gives a lot of possibilities for our partners to find the ideal furnishing solution for any school.

We have quite a big experience in designing and manufacturing of school furnitures not only in Hungary but as well in the european market so we highly recommend our manufacturing capacity to our future partners.



Cutting of tubes and profiles

(max. Ø90 mm)



Bending of tubes and profiles

with bending machine and 3D CNC bending machine (max. Ø60 x 5 mm)



MIG/MAG welding

by „hand” and also with welding robots



Carpentry works

with wide range of raw material
(HPL boards, chipboard, plywood, etc.)



Electrostatic plastic powder-coating

(max. size 800x1200x2000 mm).

The coating can be made for outdoor or indoor use.

Atlasz

brand

The leg structure of our „ATLASZ” table is made by 50x25 mm oval steel tube and the connecting element is made by 30x15 mm oval steel tube. The steel frame is painted by powder coating technology. The tabletops are made by HPL laminated plywood boards or Compact Laminate boards. The metal structure of the „ATLASZ” chairs are made by 30x15 mm oval steel tube and painted by powder coating technology. The seats and backrests of the chairs are made by form-pressed plywood.



ATA1-K
ATLASZ school desk,
1 PAX



ATSZ-1
ATLASZ 1
school chair



ATTA-SZK
ATLASZ teacher desk
with lockable shelves



ATSZ-K
ATLASZ teacher chair
with upholstered seat
and backrest



Geo Linea

brand

Take a well-trying furniture brand and give it some new qualities and you get a cost-saving but premium quality product which fits into the modern product lines. This is our GEO LINEA brand! The rounded corners and the massive frame structure gives safeness and strength.



GLA1-RET
GEO LINEA school desk,
1 PAX



GSZ-1
GEO 1 school chair



GLTA-SZRET
GEO LINEA teacher desk



GSZ-2K
GEO 2 teacher chair

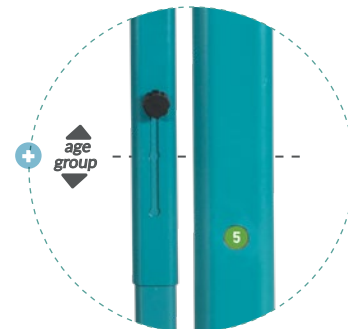




Kex

brand

This brand has a stackable and height adjustable chair which made by 38x20 mm oval steel tube and its seat and backrest are made by form-pressed plywood. Table legs are made by 50 x 25 mm flatoval tubes. The legs of the tables and chairs are height adjustable with a telescopic „tube-in-tube” solution.



KEX-1RET

KEX adjustable height school desk,
1 PAX

KEXSZ

KEX school chair



KEX-1FRET

KEX 1 teacher desk with drawer

KEXSZ-K

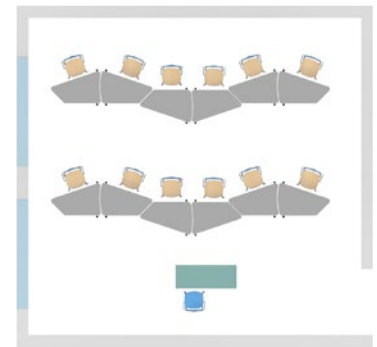
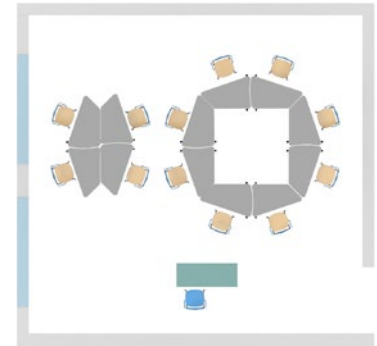
KEX teacher chair,
upholstered



Kaleido

brand

There are such kind of puzzles which has several proper solutions. These are the so called kaleido puzzles. The name of our new Kaleido brand was inspired by these kind of toys, because the speciality of the Kaleido tables is the wide scope of variability. Due to the shape of the table, there are many options for furnishing the classroom. In the new approach of education the teamwork is very important, therefore the place and set up of tables should be rearranged several times a day according to the teacher's requirements. Tables and chairs are stackable in order to have free area on demand. The tables are available with castor-wheels for easy moving.



KALEIDO-HRDRET

KALEIDO school desk, with convex shape table top, 1 PAX



KALEIDO-HRLRET

KALEIDO school desk, with concav shape table top, 1 PAX



KALEIDO-SZKD

KALEIDO school chair



KALEIDO-EA-DRET

KALEIDO adjustable height teacher desk



KALEIDO-SZKD-K

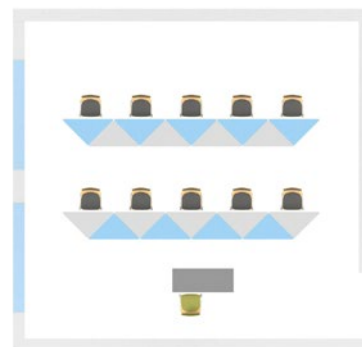
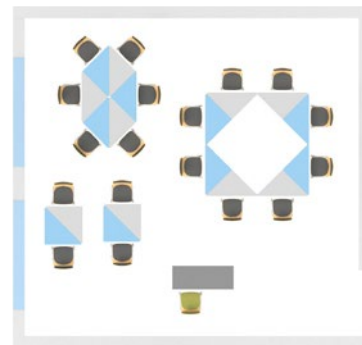
KALEIDO teacher chair, upholstered



PitagorasZ

brand

We recommend these tables for community spaces like libraries, language labs and learning rooms where the quick rearrangement is essential. All these tables has castor-wheels on their legs for easy moving. The table tops are made by Compact Laminate boards – which is very strong and durable material.



PITA-103

PITAGORASZ triangle shape table



PITA-73

PITAGORASZ square shape table



PITA-160

PITAGORASZ rectangle shape table



Flex brand

Our innovations provide multiple options for our customers to choose the most suitable solutions from our product line including multifunctional furnitures. One of the basic principles of modern education is the multifunctionality of the classroom, which presumes that the school furnitures should be suitable for the individual learning and also for the teamwork. This requires a mobility of the furnitures. Beyond the ergonomical and functional aspects the easy mobility and variability are key so our tables are stackable, able to set gapless in line or in corner form. This is what the Flex brand offers for our customers.



FA1-RS-RET
FLEX school desk,
1PAX



FZ-SZ
FLEX school chair,
„Z“-leg



FS-SZ
FLEX school chair,
„spider“-leg



FL-SZ
FLEX school chair,
with adjustable height footrest



FTA-2GFSZ-RET
FLEX teacher desk with
lockable drawers



SFSZ-K
FLEX office chair with „SOLIWOOD“
veneer seat shell

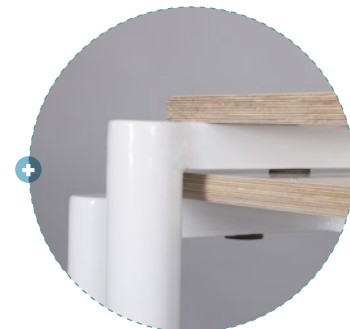




Flex Justy

brand

This is one of our newest product line. During the development of these products we have focused on the high variability and the result of this gives several options of placing together the tables in different forms. The Flex Justy tables are stackable, able to set gapless in line or in corner form. and available in really wide range of colors.



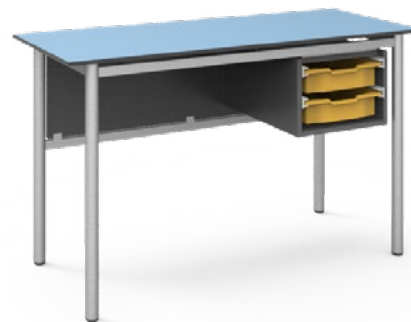
FA1-RS-1FK-J
FLEX school desk,
1PAX



FS-JUSTY
FLEX adjustable height
school chair



FL-SZ
FLEX school chair,
with adjustable height footrest



FTA-2GF-K
FLEX teacher desk with drawers



FS-JUSTY-F
FLEX office chair



Vario

boards

The frame of the boards are made by anodized alloy-profile. With the Vario Clip it's easy to hang on the different pictures/sheets. Also available with mobile frame.



HOLDER FOR
CHALK'S DUST



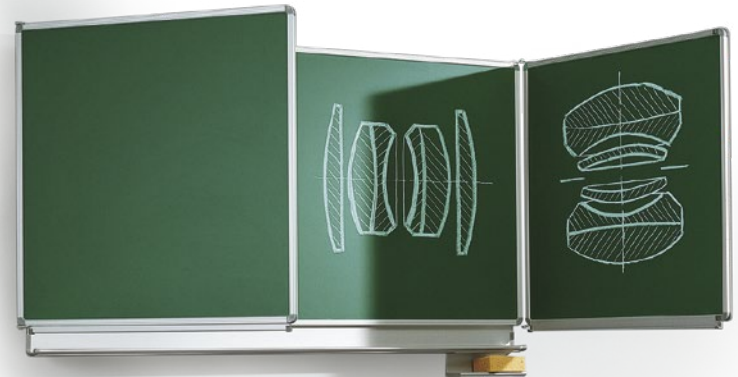
CHALK HOLDER
(20 cm)



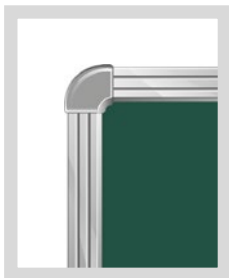
VARIO CLIP 5 pcs.



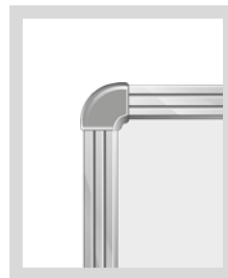
VARIO
200x100 cm board



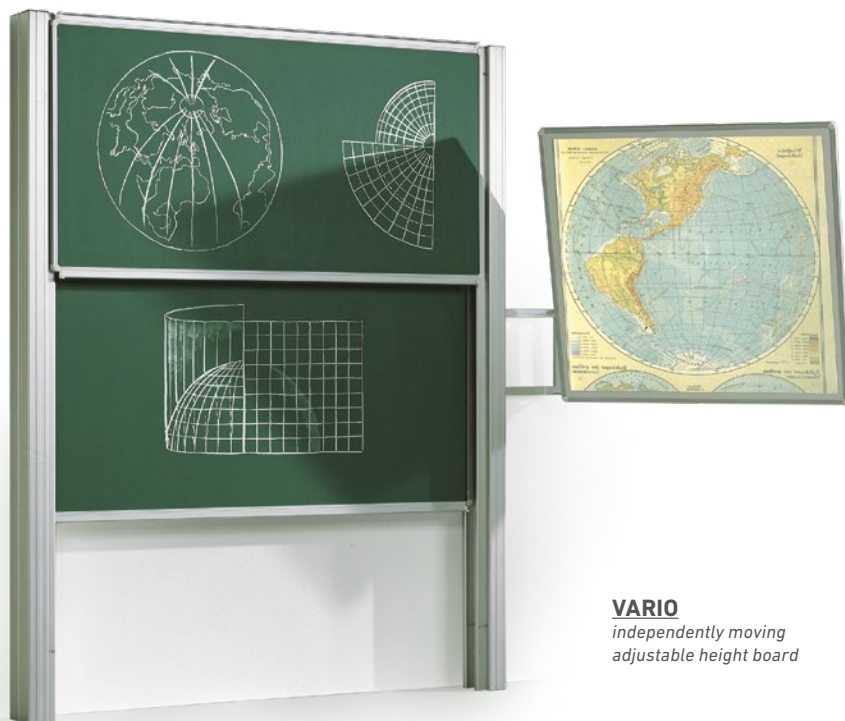
VARIO
double wing board



The ceramic coated steel boards are magnetizable and writable by „normal” or „no-dust” chalks



The white glaze boards are magnetizable, use as a projection surface and writable by marker. The starter kit contains 4 different colors of markers, cleaner sponge. With MIMIO digital device it's easy to use it as an interactive board.



VARIO
independently moving
adjustable height board



VARIO
adjustable height board

Resting elements and PS-boxes

These upholstered elements provides the possibility of resting during the breaks. The furnishing of a place is easily variable with this elements.



PS-BOXJ
right-sided resting element



PS-BOXB
left-sided resting element



TS-01
coffee table



TS-02
table



Vital

brand

These benches provides to make more comfortable the resting spaces of a school. The benches are matchable with small coffe tables and seats.



VGMB-05-05-1
Vital seat



VGMB-05-03-01
VITAL bench))



VGMB-05-06-01
VITAL coffe table

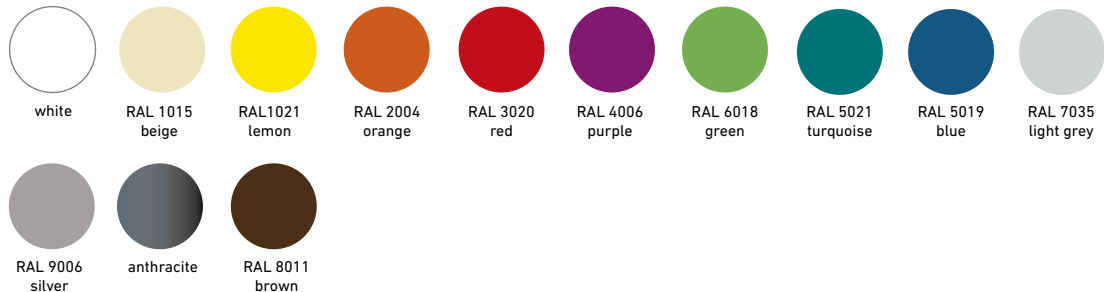


VGMB-05-06-01
VITAL bench with backrest ((

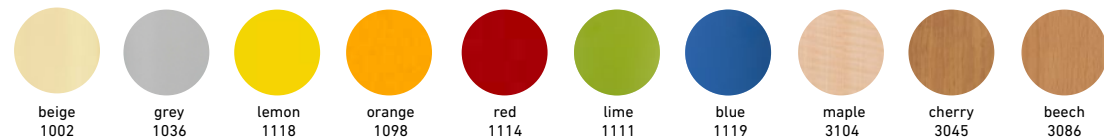


Choise of colors

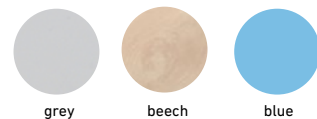
for steel frames



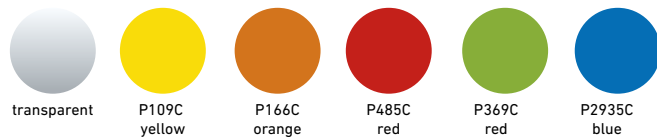
laminated layer for desks and chairs



compact laminate boards



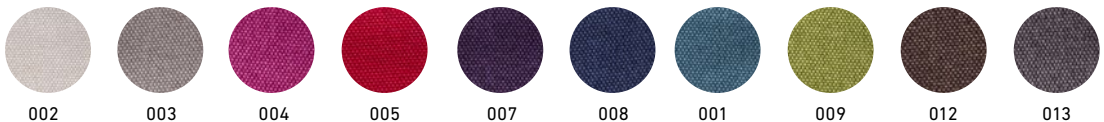
for Gratnell's drawers



plastic seat shells for FLEX chairs



STESA-DA fabric for upholstered surfaces



Type of tabletops

HPL laminated plywood tabletop:

The beach plywood is a high value and longlife material with enviroment friendly features

The surface is covered by a thin HPL sheet in order to improve the resistance against scratches, fluids, etc.

Edges are machined with radius and vanished.

The stability is guaranted in the long run, anyway can fulfil the highest aesthetic requirements.

Colors could be wood imitations and unicolors too.




Massive HPL tabletops (compact plate lamination)

It is a duroplastic material, usual in 12 mm thickness. Edges are machined with radius.

The whole section is tight and hard.

It is resistant against scratches, fluids, incl. chemicals and heat, so it is usable also for laboratories of physichs and chemistry.

Regularly antiseptic cleanings don't reduce the resistance. Colors could be wood imitations and unicolors too.

				DISTRIBUTION OF SIZES ACCORDING THE SCHOOL GRADES									
	BODY HEIGHT	SEAT HEIGHT	HEIGHT OF TABLE TOP	1. 6-7 years old	2. 7-8 years old	3. 8-9 years old	4. 9-10 years old	5. 10-11 years old	6. 11-12 years old	7. 12-13 years old	8. 13-14 years old	9. 14-15 years old	high- school and university
3. agegroup	119-142 cm	34 cm	58 cm	90 %	80 %	70 %	30 %						
4. agegroup	136-152 cm	38 cm	64 cm		20 %	30%	60 %	60 %	40 %	10 %			
5. agegroup	152-168 cm	42 cm	70 cm				10 %	40 %	60 %	70 %	60 %	40 %	20 %
6. agegroup	168-184 cm	46 cm	76 cm							20 %	40 %	60 %	75 %
7. agegroup	over 184 cm	50 cm	82 cm										5 %



Certified by ISO 9001
www.ecomcert.org

ALEX Fémbútor Kft. carries out its activities according to the MSZ EN ISO 9001:2009 standard and certified by e.com-CERT Kft.