



**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 m<sup>2</sup> 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.



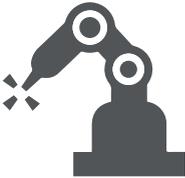
## Cutting of tubes and profiles

(max. Ø90 mm)



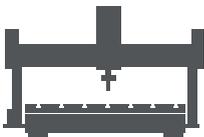
## Bending of tubes and profiles

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-tried 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

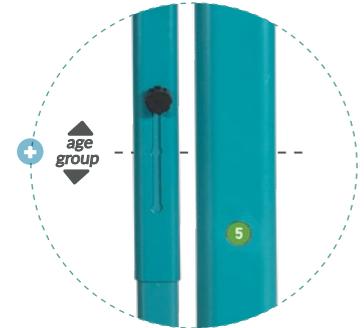




# Kex

## 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 scholl desk,  
1 PAX*

### **KEXSZ**

*KEX school chair*

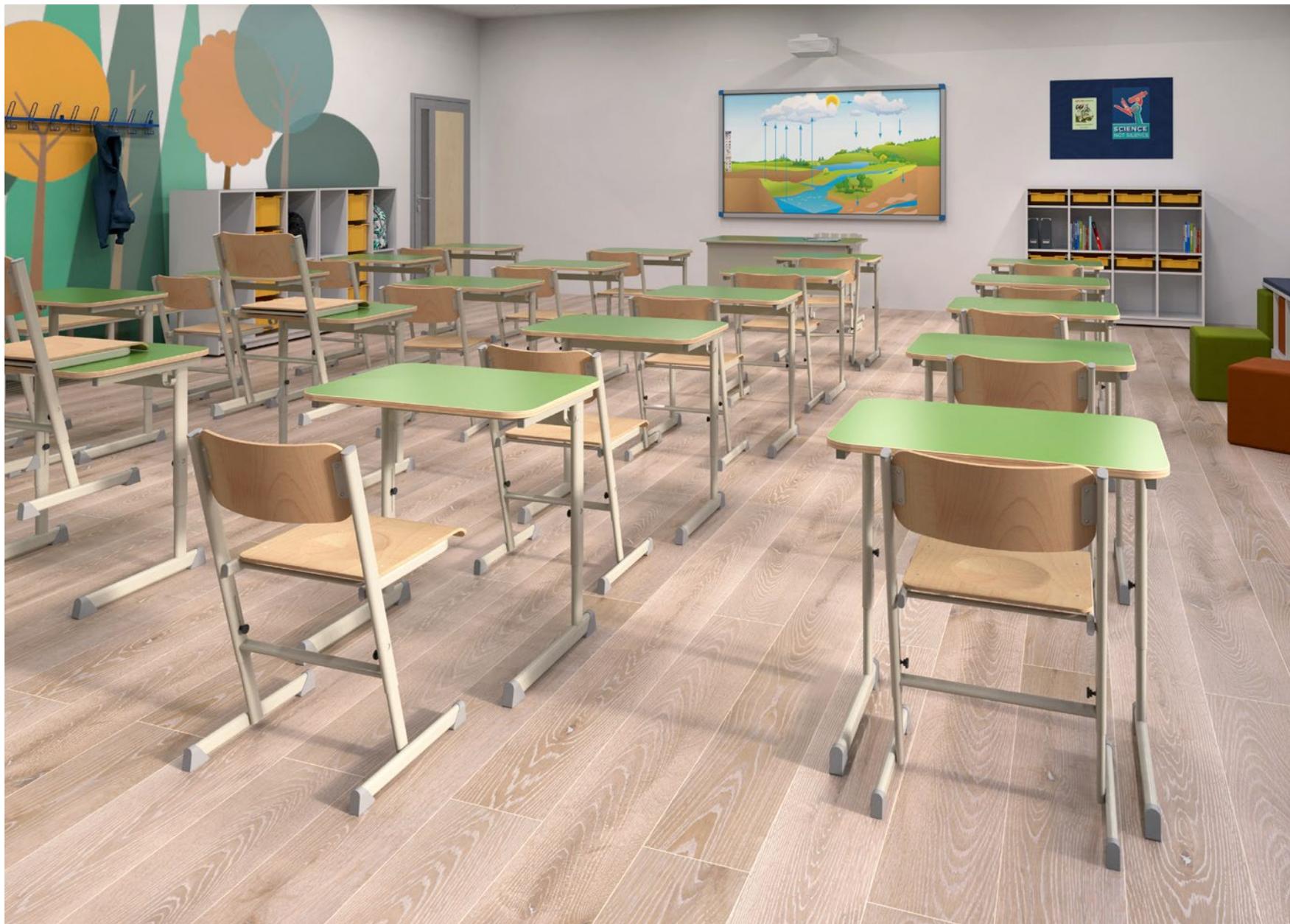


### **KEX-1FRET**

*KEX 1 teacher desk with drawer*

### **KEXSZ-K**

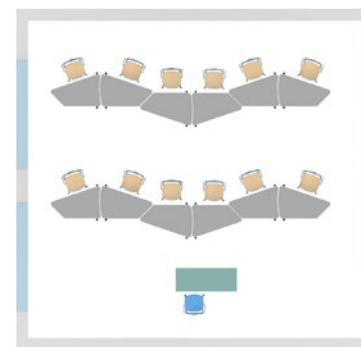
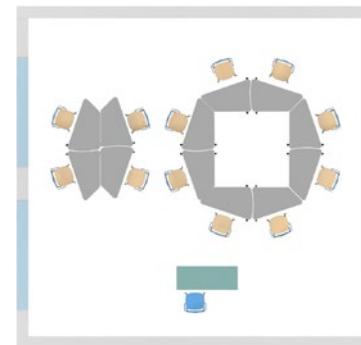
*KEX teacher chair,  
upholstered*



# 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**

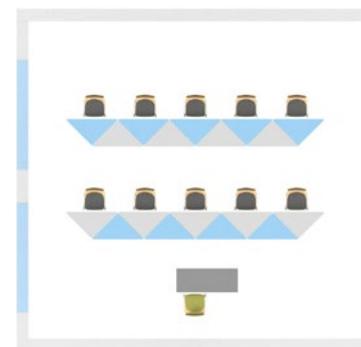
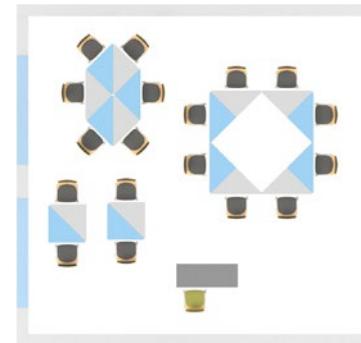
*KALEIDO teacher chair, upholstered*



# 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 Laminte 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.

Gratnells



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



**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



**SFSZ-K**  
FLEX office chair with „SOLIWOOD“  
vener 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.



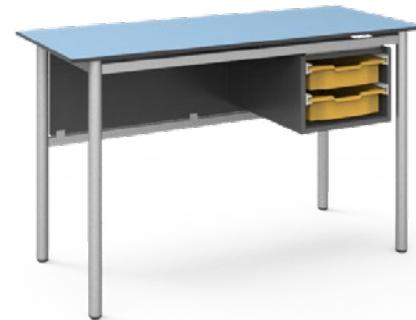
**FA1-RS-1FK-J**  
FLEX school desk,  
1PAX



**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



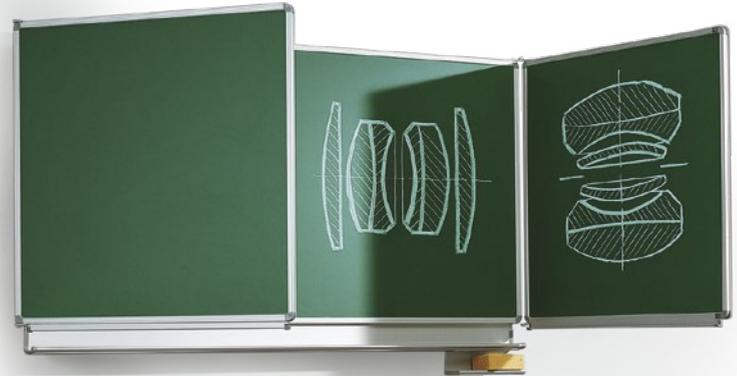
CHALK HOLDER  
(20 cm)



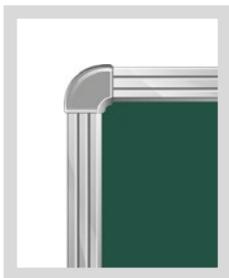
VARIO CLIP 5 pcs.



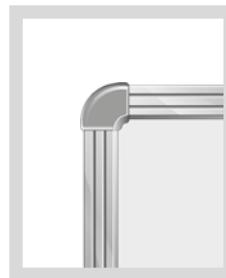
**VARIO**  
200x100 cm board



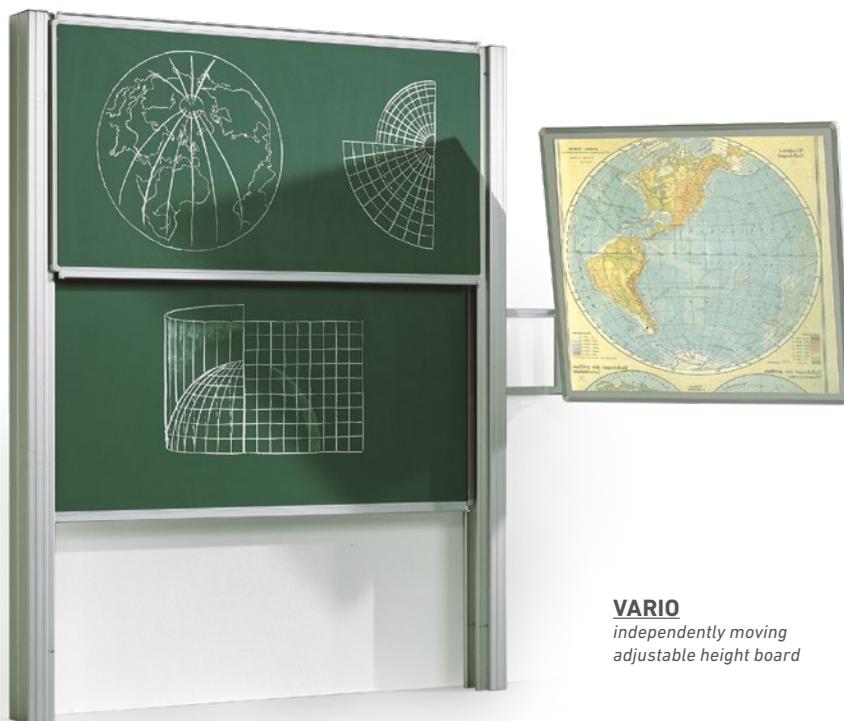
**VARIO**  
double wing board



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

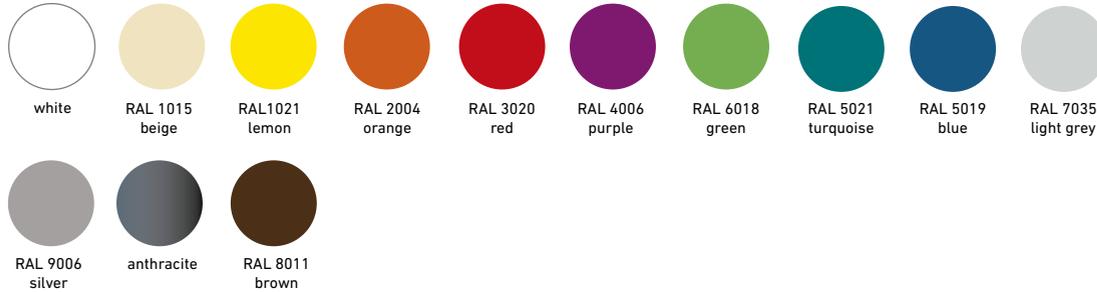


**VGMB-05-06-01**  
VITAL bench with backrest ((

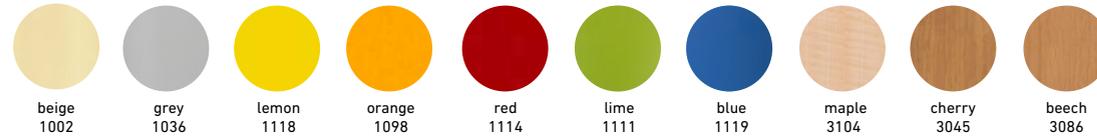


# Choice of colors

for steel frames



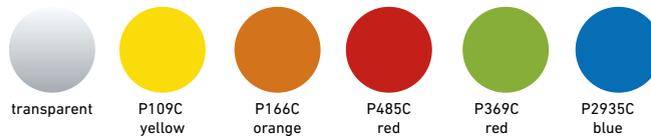
laminated layer  
for desks and  
chairs



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.

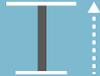
## Massive HPL tabletops (compact plate lamination)

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										
				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	
<b>3. agegroup</b>	119-142 cm	34 cm	58 cm	90 %	80 %	70 %	30 %							
<b>4. agegroup</b>	136-152 cm	38 cm	64 cm		20 %	30%	60 %	60 %	40 %	10 %				
<b>5. agegroup</b>	152-168 cm	42 cm	70 cm				10 %	40 %	60 %	70 %	60 %	40 %	20 %	
<b>6. agegroup</b>	168-184 cm	46 cm	76 cm								20 %	40 %	60 %	75 %
<b>7. agegroup</b>	over 184 cm	50 cm	82 cm											5 %



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[www.ecomcert.org](http://www.ecomcert.org)

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