

Product Catalogue

V/S
Middle East





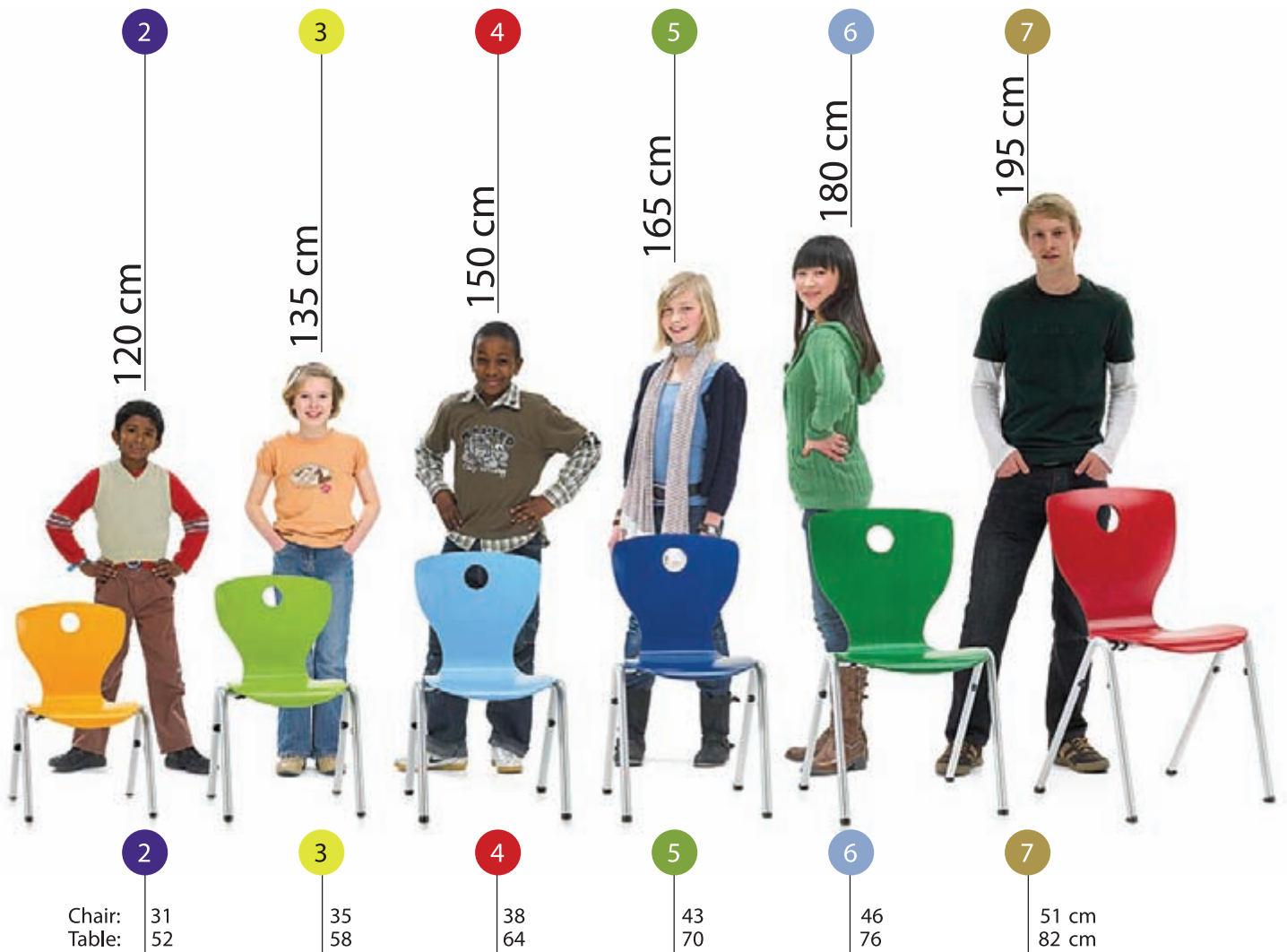
INTRODUCTION

VS International stands as a company for school furniture with Tradition and modernity, which has made history. VS International has 110 successful years with many significant contributions to the development of school furniture and has stepped in the Middle East market as VS Furniture Middle East to serve the entire region with the same exceptional quality, function and service. VS International has established a process-orientated quality-management system based on the new standard DIN EN ISO 9001:2000. VS provides ergonomic furniture for "school of the future," including flexible, movable seating, height-adjustable desks, and versatile, easy-to-reposition work surfaces, Flexible room utilization. The highest principle of our quality policy is fulfillment of our customer expectation in respect of quality and reliability of our products and customer service.

Highest quality and corporate responsibility - these are the cornerstones of VS underpinning all the different areas and departments of the company. A true Ergo-dynamically designed classroom environment with chair & desks provides pupils plenty of opportunities for movement and physical expression, and, which is essential to the development of a healthy posture and sustained concentration. VS International is not only satisfying the highest quality and ergonomics requirements but also taking into account environment-related considerations. VS Products are "GREENGUARD Indoor Air Quality Certified® Products" by world's largest guide for selecting low emitting products and materials.

VS furniture has a working life of approx. 20 years. The LIGNOdur table top often achieves a usable life of 30 years, the reason being that the moulded shape, with its hard surface and homogeneous edges is capable of with standing the stresses of daily school usage.

The longevity of VS products demonstrates our quality standard: not expendable products but years of service as a contribution to saving resources.



Active ergonomics define VS Standard furniture.

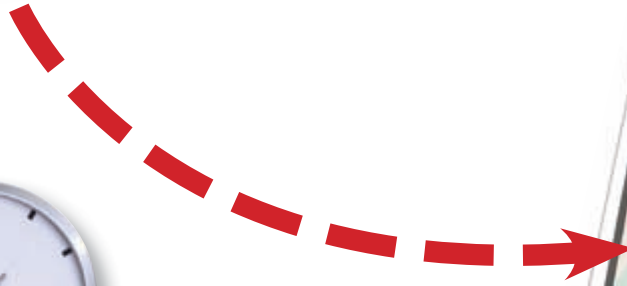
VS standard Inc. offers a complete palette of furniture and furnishings for classrooms and administration. One of the world's leading school furniture manufacturers, VS was founded in Germany over a century ago. Since then, it has made significant contributions to the design and development of school furniture. VS products are designed to cater for the students' needs. Its design includes ergonomics, use of high quality and environmentally friendly materials and visual design.

VS focuses on providing ergonomic furniture: chairs, like the PantoSwing and the PantoMove, and tables that are equipped with inclinable work surfaces and height adjustability. At VS, our philosophy is that school furniture should ergonomically support the total learning environment. We design it to accommodate a student's need for flexible movement

versus rigid sitting which studies show could hinder learning.

Thanks to its long experience VS comes up with products that stand out on account of their solidity and high resistance to wear, like the LIGNOdur top which is so robust that it is virtually impossible to damage.

Significant criteria in the development of VS furniture are not only the fulfillment of the highest quality and ergonomic requirements but also the consideration of environmental aspects. From the choice of raw-material to the processing technology and right through to the packing and delivery of the furniture, VS always thinks "green". Solar cells placed on top of the roofs of the modern production facilities in Germany as well as a water collecting basin manifest the conscious use of resources.



More flexibility:

height-adjustable single places for pupils with inclinable working surfaces, a teachers' table adjustable in height as well as mobile cupboards.



For group teaching,

the tables can be moved together. Mobile partitions create separate, clearly-defined areas for the groups.

- **Flexible use of space.**
- **Wide range of colours.**



For doing homework, group work places or single places can be created which have adequate privacy thanks to mobile partitions.





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PantoMove: The school chair that grows with the child.

School children need movement for their harmonic development. However in schools, sitting still for lengthy periods is part of the daily routine. The solution: a school chair like the PantoMove which makes dynamic sitting with movement possible. In this way, natural, impulsive movements are not restrained, rather, integrated into daily school life.

Here the chair adapts itself to the student and not vice-versa: the PantoMove ideally matches the natural sit-

ting and moving needs. It is continuously adjustable in height (seat height from 31 to 51 cm) and can thus be adjusted exactly to suit the height of the child. In addition it is equipped with a dynamic seat with rocking effect. Inclination forwards or backwards as well as a limited tolerance sideways support the change between the individual sitting positions.

The effect: the PantoMove follows every movement of the body and does not block it but animates a regular change of sitting posture instead. In this way the chair consequently follows the needs of the child. In contrast to chairs with a rigid seat, sitting on the PantoMove alternatively activates important groups of muscles without thereby causing tension.



PantoSwing: Dynamic sitting in schools.

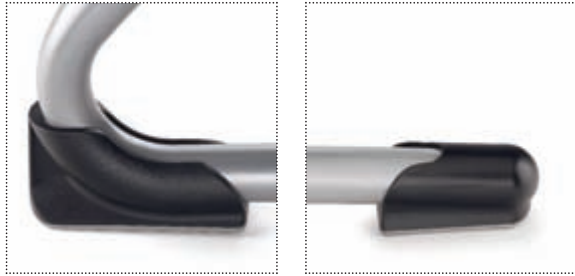
In the case of the PantoSwing cantilever chair, a change of position of the centre of gravity changes the inclination of the seat. In the forward sitting position, the seat is also inclined forwards which stimulates the spine to a dynamic balance and stabilises the posture.

The dynamic seat of the PantoSwing encourages the ergonomically-important regular alternation of the various sitting positions. Such dynamic sitting with movement has a positive effect on various groups of muscles, activates both body and mind and has been shown to increase the attention and ability of the children to

concentrate.

The decisive factor to achieve the ergonomic effect of the PantoSwing: the correct choice of the size of chair. Ideally the front edge of the seat should be at approximately the same height as the bottom of the kneecap. In accordance with the DIN ISO standard, the PantoSwing-LuPo is available in 6 sizes to suit individual children (seat heights 31 cm, 35 cm, 38 cm, 43 cm, 46 cm and 51 cm).

Technical details of the PantoSwing and PantoMove as well as information about other VS school chairs can be found in this brochure.



PantoSwing-LuPo forward-flexing cantilever chair

Frame of one-piece bent powder-coated, Stainless Steel or chrome-plated round steel tube. Optional with extra stable cross member between the skids.
Frame sizes as per DIN ISO 5970 and CEN.
Seat shell of double-walled textured polypropylene (LuPo) for comfortable sitting with air-cushion effect. Concealed seat attachments and grip hole.
Features and options. Glides for hard and soft floors or universal glides. For maximum number stackable (ST) see table.
Please note: The PantoSwing-LuPo cannot be combined with the Duo-C 2451 school table.
Material. The PantoSwing-LuPo cantilever chair is available in many (M) steel and (C) plastic colours from the VS colour chart:
Frame: M0, 1, 2, SS (stainless steel) and Cr (chrome-plated).
Seat-shell: C2 and 3.
Glides / castors: graphite black.

		ISO/CEN Sitz w	
		2 = 31 ● 37	
		3 = 35 ● 37	
		4 = 38 ● 37	
		5 = 43 ● 43	
		6 = 46 ● 43	
		7 = 51 ● 43	
PantoSwing	LuPo		3943
		ISO/CEN	2-3-4-5-6-7
		ST	3





PantoMove-LuPo five-star foot chair

Frame consists of aluminium five-star foot and gas spring with plastic cover. All models are adjustable in height.

Frame sizes as per DIN ISO 5970 and CEN.

Seat shell of double-walled textured polypropylene (LuPo) for comfortable sitting with air-cushion effect. Concealed seat attachments and grip hole.

Features and options. Glides and castors for hard and soft floors. Can be swivelled or fixed. Optional particularly ergonomic 3D rocking mechanism with soft or damped sideways tilting.

Material. The PantoMove-LuPo five-star foot chair is available in many (M) steel and (C) plastic colours from the VS colour chart:

Frame: M0, 1 and 2.

Seat-shell: C2 and 3.

Glides / castors: graphite black.

		When fitted with castors, the height increases by 3 cm.				
PantoMove	LuPo / Lift			3948	3963	3938
		h		34-42,5	42-52	47-67
		Seat w		37	43	43
						3963 PE



LuPoGlide skid-chair.

Frame of welded U-shaped skid and seat support, of powder-coated oval steel tube. Pickupack fitting for storage on table top. Model XL with extra wide seat.

Frame sizes as per DIN ISO 5970 and CEN.

Seat and backrest of double-walled textured polypropylene for comfortable sitting with air-cushion effect. Back with grip.

Features and options. Glides for hard and soft floors or universal glides. For maximum number stackable (ST) see table.

Accessories. Stacking wagon Model 3414 for 2 stacks and stacking trolley Model 3415 for 1 stack of chairs sizes 5 / 6.

Material. The LuPoGlide skid-chair is available in many (M) steel and (C) plastic colours from the VS colour chart:

Frame: M0, 1, 2 and Cr (chrome-plated).

Seat / backrest: C1.

Glides: black grey.

Other models illustrated on this page. Uno-M.

		ISO/CEN	Seat w		
LuPoGlide	Standard	2 = 31	● 33	3430	3434
	XL	3 = 35	● 33		
		4 = 38	● 37		
		5 = 43	● 37		
		6 = 46	● 37	2-3-4-5-6	6-7
		7 = 51	● 41,5	10	
		ISO/CEN			
		ST			





PantoFour-LuPo

Four-legged chair, also suitable for seating in halls.

Frame of welded, powder-coated or chrome-plated round steel tube. Chairs and armchairs are available.

Seat shell of double-walled textured polypropylene (LuPo) for comfortable sitting with air-cushion effect. The shell is manufactured with concealed seat attachments.

Features and options. Glides for hard or soft floors. For maximum number stackable (ST) with or without stacking wagon (31199) see table. When using linking (RV), all models can be combined. Optional place (31148) and row (31149) numbering respectively and a writing support which is available in left and right hand versions.

Following materials and colours are available: (M) steel and (C) plastic colours. Frame: M0, 1, 2 and Cr (chrome-plated). Seat shell: C2 and 3.

PantoFour	LuPb			31150	31201	31204
	LuPb (RV)				31211	31214
	Seat w-h-d				430-460-420	
	Total w-h-d / w-d			236-545	546-820-480	
	Armrest h					642
	ST (with wagen)				4 (12)	
	RV spacing				558	



Compass-LuPo Four-legged chair.

Frame of welded, powder-coated or chrome-plated round tubular steel. Optionally with a fixed writing or laptop tablet.

Seating sizes as per DIN ISO 5970 and CEN.

Seat shell of twin-walled, structured polypropylene (LuPo) for comfortable sitting. With concealed seat mounting and hole grip.

Equipment and options. Glide elements for hard or soft floors.

The following materials and colours are available: Frame: M0, 1, 2 and Cr (chrome-plated).

Shell: C2 and 3. Glide elements: graphite-black.

		ISO/CEN	Seat w		
		2 = 31	● 37		
		3 = 35	● 37		
		4 = 38	● 37		
		5 = 43	● 43		
		6 = 46	● 43		
		7 = 51	● 43		
Compass	LuPo				
		ISO/CEN		31160	31165
				2-3-4-5-6-7	6



Compass Four-legged chair.

Frame of curved and welded, powder-coated or chrome-plated round steel tube. Optionally with a fixed writing or laptop tablet.

Seat shell of beech plywood with antislip varnish. Optionally with tautly upholstered seat surface or 100% tautly upholstered.

Equipment and options. Glide elements for hard or soft floors or 2C universal glide elements. Maximum stacking quantity, see table.

Accessory. Model 31198 stacking barrow for 1 stack of seating size 6 chairs (46 cm).

The following materials and colours are available to choose from: Frame: M0, 1, 2 and Cr (chrome-plated). Shell: H0, 1 and 7.

Fabrics: S16-17, 22-26, 28-31, 36, 37.

Compass	VF		31171	31172	31173	31198
		Seat w-h-d	430-460-460	430-470-460	430-470-460	
		Total w-h-d		490-850-560		
		ST		10		



Pupils' Chairs

Compass Lecture Chair

Frame of one-piece bent powder-coated round steel tube.

Frame sizes DIN ISO/CEN (Size 6).

Seat shell of double-walled textured polypropylene (LuPo) for comfortable sitting with air-cushion effect. Concealed seat attachments and grip hole.

Features and options: Fixed or foldable,
 Right or left tablet in different sizes,
 Basket and Glides for hard and soft floors or universal glides.

Compass	LuPo	Basket	Big foldable	Small foldable	Big Fixed	Small Fixed	
		1106	1105	1104	1103	1102	1101



LuPoStool stool

Frame of welded U-shaped skid and seat support of chrome-plated oval steel tube. Pickup fitting for storage on table top. Smallest model without, middle and larger models with foot-rest.

Frame sizes in 3 fixed heights.

Seat of double-walled textured polypropylene for comfortable sitting with air-cushion effect.

Features and options. Glides for hard and soft floors or universal glides. For maximum number stackable (ST) see table.

Accessories. Stacking wagon Model 3414 for 2 stacks and stacking trolley Model 3415 for 1 stack of chairs sizes 5 / 6.

Material. The LuPoStool stool is available in the following colours:

Frame: Cr (chrome-plated).

Seat: black grey.

Glides: black grey.

LuPoStool Turn-up

Frame: consists of PP (polypropylene) five-star foot and gas spring with plastic cover. All models are adjustable in height.

Frame size: as per DIN ISO 5970 and CEN.

Seat and backrest: of double-walled textured PP for comfortable sitting with air-cushion effect.

Options and Accessories Back with grip.

Foot ring.

LuPoStool			1203	1202	1201			3429
	h		XL 64-88	Big 44-53	Sml 42-48	46	56	61
	ST					6	3	3
	Seat w						37	



Pupils' Chairs

KN-39
Four-legged chair.

Frame of welded, powder-coated or chrome-plated round steel tube. Chairs, chairs with solid beech armrests or chairs with beech plywood writing tablet (left or right) available.

Seat and backrest of beech plywood with visible seat attachments. Optionally with firm upholstery on one side.

Features and options. Glide elements for hard or soft floors. For maximum number stackable (ST), see table. When using row linking (RV), the same types can be combined. 2x 10 chairs can be transported with the stacking wagon (3834). Optionally with fixed or removable and fixed (Type-A) or folding writing tablet (Type-B) (left or right).

Following materials and colours are available: (M) steel, (H) wood and (S) fabric colours. Frame: M0, 1, 2 and Cr (chromeplated).

Seat/backrest: H0, and 1. Fabrics: S16-17, 22-26, 28-31, 36, 37.

Stacking wagon 3834	Upholstery: Seat 15 mm.											
		Stacking trolley 3835	Backrest 10 mm.									
KN-39			3901	3902	3903	3916	3917	3918	3913	3914	3915	
	RV	3904	3905	3906								
	Seat w-h-d	395-460-445	395-470-445		395-460-445	395-470-445		395-460-445	395-470-445			
	Total w-h-d	496-785-510				580-785-510			565-785-645			
	Armrest h						640		715			
	Typ A(B) w-d								A 236-545 (B 260-360)			
	ST	10										
	RV spacing	506										



Waiting Area chair

Frame: of welded, powder coated MS tube

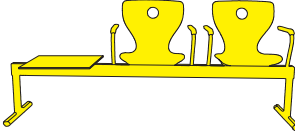
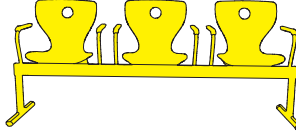
Frame size: as per DIN ISO/CEN (size 6).

Seat Shell: double-walled textured polypropylene (Lupo) for comfortable sitting with air-cushion effect.

Features and Accessories: 3 sitters, 4 sitters.

Right side table or Left side table for coffee.

Glides for soft and hard floors or universal glide.

			
Panto group	LuRb	1302	1301



VS
Middle East

Good sitting is a matter of adjustment.

The Ergo stands out of the wide range of VS school tables on account of its special ergonomic qualities. The table height can be continuously adjusted to suit the individual school child. The Ergo thus encourages a physiologically-positive sitting posture in schools. What happens when the table height is unsuitable? If the table is too low, the child is forced to work with a bent back which strains the spine. On the other hand, if the table is too high, the child tenses its shoulders slightly.

Avoid poor postures. In the case of horizontal table tops, the child is often forced to work bent far forwards. Inclining the working surface avoids such poor postures even when writing in the upright sitting position. A good viewing angle is guaranteed in all positions.

The Ergo school table is also available with continuously-inclinable working surfaces - from 0° to 16°. There is a choice of two types of tops: One with only an inclined surface and one with a divided surface where part is always horizontal irrespective of the inclination of the other part.

Even the best school furniture is only as good as its adjustment whereby the decisive factor is an optimum individual adjustment of the table height.

The height of the table top can first be determined after the correct seat height has been chosen. When sitting, the arms should be bent at 90°. The table top height is correct when the tips of the elbows are two to three centimetres below the table top.

The table top can be simply inclined with a lever. The setting can be carried out quickly to suit the individual situation.



An economic and ergonomic solution: one table for all.

The Ergo school table is continuously adjustable in height over a wide range from 56.5 to 82 cm. In other words: all the needs of a school can be covered with a single versatile model - from the primary right through to the secondary grades. At the same time it achieves an exemplary ergonomic table solution in every respect.

The Ergo can be easily adjusted to the height needed by each individual child. In this way, classrooms can be equipped with high-quality school tables without considerable organisational expenditure.

The Ergo ensures an optimum working posture be-

cause it can be quickly adjusted to suit the specific height requirements of the student currently using it. Everyday somewhere else. Everyday new. It thus simplifies long-term furniture planning in schools and saves a lot of time and effort in transporting tables of various sizes from place to place. It is not only ergonomic but also considerably more flexible.

More possibilities. Due to its easy handling, the Ergo offers additional possibilities. For example, in lower grades, the Ergo can be temporarily used as a standing height desk, a physiologically-valuable alternative to continually working in the sitting position. Particularly with small groups or during sessions of individual work, stand-at desks are ideal ways of varying the teaching arrangement.



Pupils' Desks

Uno-M skid table

Frame of powder-coated steel tube with middle leg on flat tapering steel skids with plastic kicking protection. All steel tubes in flat oval profile.

Frame size as per DIN ISO 5970 and CEN.

Table top of melamine-resin coated LIGNOpal chipboard with seamless moulded-on (PU) polyurethane safety edges or of extremely wear-resistant LIGNOdur safety top with soft rounded edges.

Accessories and options. Universal glides for hard and soft floors and briefcase (satchel) hooks as well as grid bookshelf or chair suspension for the BasicGlide, LuPoGlide, Panto-Swing (up to size 4) and PantoMove school chairs.

Important notice. The table height can vary slightly depending on the type of top and the glides.

Material. The Uno-M skid table is available in many (M) steel and (L) laminate colours from the VS colour chart:

Frame: M0, 1 and 2.

Top: L1, 2.

Glides: dark grey.

Other models illustrated on this page. BasicGlide, LuPoGlide.

		ISO/CEN				
		2 = 52 ●				
		3 = 58 ●				
		4 = 64 ●				
		5 = 70 ●				
		6 = 76 ●				
		7 = 82 ●				
Uno-M	LIGNOdur	d = 50		2408	2405	
		d = 65		2409		
	LIGNOpal-PU	d = 65		2410	2406	2407
		w		70	75	130
		ISO/CEN		2-3-4-5-6-7		



Space Table

Frame of powder coated flat oval bent steel tube with steel skids with plastic kicking protection.

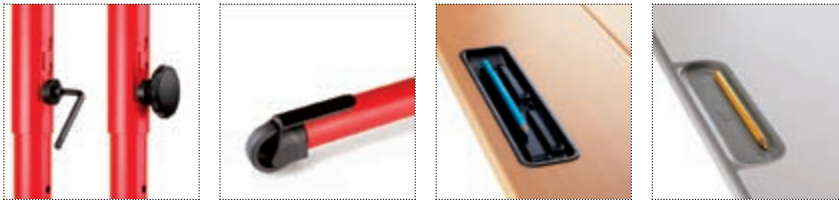
Frame size as per DIN ISO 5970 and CEN.

Table Top of extremely wear resistant Lignodur safety top(50 x 70 cm) with rounded edges, or 13 mm HPL(70 x50 cm) or Laminated plywood Top(50 x 70 cm)

Accessories and options. Universal glides for hard and soft floors and briefcase (satchel) hooks as well as grid boobshelf or chair

		ISO/CEN 2 = 52 ● 3 = 58 ● 4 = 64 ● 5 = 70 ● 6 = 76 ● 7 = 82 ●			
Space Table	LIGNOdur	d = 50		2501	
	HPL	d = 50			2502
	Laminated plywood	d = 50			2503
		w			70
		ISO/CEN			2-3-4-5-6-7





Pupils' Desks

StepByStep III skid table, adjustable in height.

Frame of powder-coated steel tube with asymmetrically positioned legs (cantilever) on steel skids with kicking protection. All steel tubes in round profile.

Frame size as per DIN ISO 5970 and CEN.

Frame features. Height adjustment in steps with hexagon key or hand-wheel.

Table top of melamine-resin coated LIGNOpal chipboard with (KU) plastic edges or seamless moulded-on (PU) polyurethane safety edges. Top with recessed or moulded-in storage tray and stop-edge equivalent to KU or PU.

Features of top. Maintenance-free, working surface inclinable in steps (0°; 5°; 10°; 16°; 20°) with horizontal shelf.

Accessories and options. Glides for hard and soft floors and briefcase (satchel) hooks. Plywood or grid bookshelf or chair suspension for all VS school chairs (PantoSwing up to size 4).

Important notice. The table height can vary slightly depending on the glides.

Material: The StepByStep III skid table is available in many (M) steel and (L) laminate colours from the VS color chart:

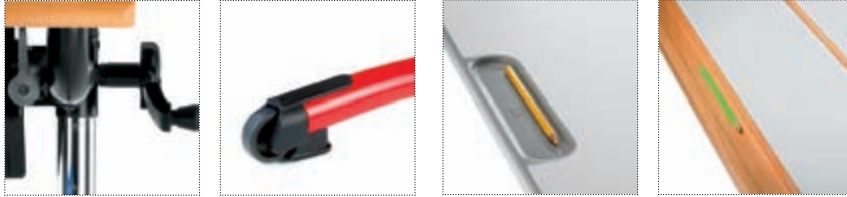
Frame: M0, 1 and 2.

Top: L2.

Glides: dark grey.

Other models illustrated on this page: PantoSwing-VF.

		ISO/CEN 2 = 52 ● 3 = 58 ● 4 = 64 ● 5 = 70 ● 6 = 76 ● 7 = 82 ●							
StepByStep I	LIGNOdur	d = 50		2904	2905				
StepByStep III	LIGNOpal	d = 60				2993	2994	2997	2998
		w		70	130	75	130	75	130
		h		53-59-64-71-76-82					



Ergo I skid table, adjustable in height.

Frame of powder-coated steel tube with asymmetrically positioned legs (cantilever) on steel skids with kicking protection. All steel tubes in round profile.
Frame size as per DIN ISO 5970 and CEN.
Frame features. Continuous height adjustment with winding handle.
Table top of melamine-resin coated LIGNOpal chipboard with (KU) plastic edges or seamless moulded-on (PU) polyurethane safety edges.
Features of top. Fixed horizontal working surface.
Accessories and options. Glides for hard and soft floors and briefcase (satchel) hooks. Plywood or grid bookshelf or chair suspension for all VS school chairs (PantoSwing up to size 4).
Important notice. The table height can vary slightly depending on the glides.
Material: The Ergo I skid table is available in many (M) steel, (H) wood and (L) laminate colours from the VS color chart:
Frame: M0, 1 and 2.
Top: L2.
Edges: H0 and 1.
Glides: dark grey.
Other models illustrated on this page: PantoTurn-LuPo.

ErgoUp Stand-at skid table.

Frame of powder-coated steel tube with set-back legs (C-shape) on steel skids with plastic kicking protection. All steel tubes in round profile.
Frame size, stand-at work place in 2 sizes.
Table top of melamine-resin coated LIGNOpal chipboard with seamless moulded-on (PU) polyurethane safety edges as well as stop-edge and recessed storage tray, both of plastic. Alternatively of melamine-resin coated LIGNOpal chipboard with (BU) beech edges at the side as well as ergonomic solid-beech armrest with stop-edge and pencil groove on the long side.
Features of top. Inclinable working top (8°) with horizontal shelf.
Accessories and options. Glides for hard and soft floors and briefcase (satchel) hooks as well as plywood or grid bookshelf.
Important notice. The table height can vary slightly depending on the glides. PU edges are extremely robust, but can show signs of discoloration over time.
Following materials and colours are available: (M) steel, (H) wood and (L) laminate colours. **Frame:** M0, 1 and 2. **Top:** L2. **Edges:** H0 and 1. **Glides:** black.

Ergo	LIGNOpal-BU	d= 65		2974	2975	2991	2991
	LIGNOpal-PU	d= 65					
		w		75	130	75	
		h		56,5-82		82-96(96-110)	



Pupils' Desks

Duo-Tec Drawing table.

Frame of powder-coated steel tube with set-back double legs (C-shape) on steel skids with plastic kicking protection. All steel tubes in flat-oval profile.

Frame size. Table height 76 cm.

Table top of melamine-resin laminated LIGNOpal chipboard with glued-on (KU) plastic edges.

Feature. Fixed horizontal top (2445), with ratchet mechanism for inclining the table top in steps at 0°, 5°, 10° and 16° (2446), with continuous adjustment of the inclination from 0° to 90° (2447).

Accessories and options. Table top with stop-edge, briefcase hook(s), grid bookshelf, storage shelf at the side with water beaker or wire basket, front panel. The drawing table (2447) can be equipped with the travelling drafting machine (9158).

Following materials and colours are available: (M) steel colours. Frame: M0, 1 and 2. Top: off-white. Glides: black.

Further models illustrated on this page: PantoMove-LuPo.

Duo-Tec			2445	2446	2447	9158
	w-h-d		75-76-60			



RondoLift

height-adjustable sit-at and stand-at table.

Frame consists of a round middle post with a four or five star foot of rectangular profile, both powder-coated. Builtin gas spring with release lever at the table edge. Star foot with lockable castors or glides.

Table height is continuously adjustable.

Table top of melamine-resin laminated or veneered LIGNOpal chipboard with glued-on (KU) plastic or (BU) beech edges.

Features. Oval table can be supplied with an optional lockable drawer under the top.

Table top shapes are oval, circular and square.

Material: The RondoLift table is available in many (M) steel and (L) laminate colors from the VS color chart:

Frame: M2, arctic, anthracite and graphite-black.

Top: L2.

Edges: H0, 1.

Further Models illustrated on this page: PantoFour-2K.

RondoLift		2823					2828	2820		
	Folding table top		2824	2825	2826	2827			2821	2822
	ø / w-d	80	90	100	110	120	130-80	80-80	90-90	100-100
	h						69-113			
	Star foot ø / w-d		75			95		61-41		95



Teachers' Desks

Uno-M-Teach

Frame of powder-coated steel tube with set-back double leg (C-shape) on steel skids with plastic kicking protection. All steel tubes in flat oval profile.

Frame size as per DIN ISO 5970 and CEN.

Table top of melamine-resin coated LIGNOpal chipboard with seamless moulded-on (PU) polyurethane safety edges or of extremely wear-resistant LIGNOdur safety top with soft rounded edges.

Accessories and options. Universal glides for hard and soft floors, briefcase (satchel) hooks, grid bookshelf and front panel.

Important notice. The Model Duo-C 2451 cannot be combined with chairs of the PantoSwing family. The table height can vary slightly depending on the type of top and the glides.

Material. The Duo-C skid table is available in many (M) steel and (L) laminate colours from the VS colour chart:

Frame: M0, 1 and 2.

Top: L 1 and 2.

Glides: dark grey.

Other models illustrated on this page. BasicGlide, PantoSwing-VF, PantoSwing-LuPo.

					
Uno-M-Teach			4487	4488	4489
	wdh		130-65-76		



Quattro-Teach

Teachers' desk, AV-table.

Frame of powder-coated round tubular-steel tube legs with four-sided rectangular tubular-steel top frame.

Frame sizes available in three different heights.

Table top of melamine-resin coated LIGNOpal chipboard with seamless moulded-on (PU) polyurethane safety edge or glued-on (KU) plastic edges.

Features. Built-in cupboard and drawer are lockable on request. AV-table with cut-out for overhead projector.

Handles. Choice of 2 different types such as plastic or metal bow handles.

Accessories and options. Glides for hard and soft floors. Panels.

Important notice. PU edges are extremely robust, but can show signs of discoloration over time.

Following materials and colours are available: Frame: M1 and 2. Top: L1. Body: L1.

Other models illustrated on this page: PantoMove-VF.

Quattro-Teach	w= 75	4465	4468	4469						
	w= 130				4400	4402		4405		
	w= 150				4401	4403	4404	4406	4407	4409
	d					65				
	h					72-74-76				



Teachers' Desks

Teacher's Space Table

Frame of powder coated flat oval bent steel tube with steel skirts with plastic kicking protection.
Frame size as per DIN ISO 5970 and CEN.
Table Top of 13 mm HPL(120x70, 120x60, 140x70 cm)
Accessories and options. Universal glides for hard and soft floors and briefcase (satchel) hooks as well as grid boobshelf or chair

					
Teacher's Space Table	w= 120		2511	2512	
	w= 140				2513
	d		70	60	70
	h			76	



Crescent Table (KG Tables)

Frame Powder-coated steel tube with four sided rectangular tubular steel top frame. The system consists of basic and add-on tables. Can be created in different forms.

Frame size as per DIN ISO 5970 and CEN (Size 2).

Table top Diameter: Ø110 cm

Other models illustrated on this page. PantoSwing.

Crescent Table				2302	2301
		h		52, 58	
		Ø		110	



Flip Top-KG

Construction of centrally located tubular-steel cross-member with articulated bracket. Folding function can be triggered by the user underneath the table top. With a fitting for securing the top in the horizontal or vertical position.

Table Top of laminated MDF with PVC edging. The corners are edged or rounded.

Frame consisting of two bent powder-coated steel tubes. Frame with lockable castors.

Function. When the table top is folded up, any desired number of tables can be pushed together to optimize space.

Further models illustrated on this page: Panto Swing

			
Flip Top-KG			2401
	h		52,58
	∅		130, 140, 150, 160, 180



Pupils' Desks

FlipTop-RU

Table with folding top.

Construction of a centrally located tubular-steel cross-member with an articulated bracket. Folding function can be triggered by the user underneath the table top. With a fitting for securing the top in the horizontal or vertical position.

Table top of LIGNOPal-coated (melamine resin) chipboard with plastic, wood or PU edge. The corners are edged or rounded.

Electrification. Optionally by means of a fold-down textile trough on both sides.

Cable outlet. Optionally with an electronics box for system and data connections.

Frame consisting of two bent powder-coated or chrome-plated steel tubes. Frame with lockable castors.

Function. When the table top is folded up, any desired number of tables can be pushed together to optimize space.

Note. PU edges are extremely hard-wearing, but may show signs of discoloration over time.

The following materials and colours are available: Frame: M3. Table top: L2, 3, 7 (linoleum) and veneer. Edge: natural beech, as veneer or in plastic L2, 3. Table top with PU edge in beech laminate or grey white.

Further models illustrated on this page: Compass-LuPo.

FlipTop-RU	d= 65	PU edge	21028	21029		
	d= 70	Beech/plastic edge		21030	21031	21032
	d= 80	Beech/plastic edge		21035	21036	21037
	w		130	140	150	160
	h					180
						72/68-82
						21034
						21039
						220



LiteTable

Stackable lightweight table.

Frame. The leg elements of round aluminium tube are pressed onto and screwed to the rectangular aluminium tube top frame using high-strength corner connectors. The legs and top frame are powder-coated. Tables can be stacked thanks to the inner and outer legs arranged in pairs. However, depending on how they are turned, they can be arranged in rows without gaps. The top frame is equipped with stacking and gliding protection. Tables have glide elements for hard or soft floors or 2C universal glide elements and optionally 2 castors on the outer legs.

Table top of laminated lightweight board with glued-on plastic edges. Edged or rounded corners.

Function. Because the materials used are extremely lightweight and yet robust, the table can be stacked by a single person. Optionally, depending on the setup, table connectors (Model 21003) can be used.

Warning: A maximum of 4 stacked (unloaded) tables may be moved on their castors. The trapezoidal combinations shown in the table cannot be realised.

Following materials and colours are available: (M) steel colours. Frame: M0, 1, 3. Top: off-white, beech laminate. Glides: black.

Further Models illustrated on this page: PantoFour-LuPo.

							
LiteTable	d= 70	21001	21006	21004			
	d= 80		21002	21007	21005		
	w	70	80	140	120	140(70) 160(80)	
	h			72			
	ST		8		5		
	Weight kg		8,3	9,9	12,8	12,6	9,9



V/S
Middle East



Computers` Tables Computers` Tables Computers` Tables



Computers' Tables

Economy Series Computer table.


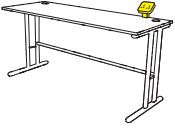
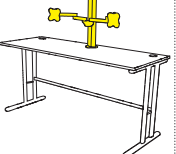
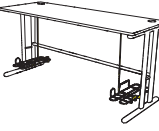
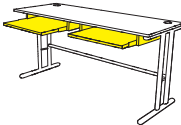
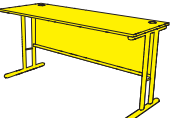
Frame of powder-coated metal frame (M-shape) with proper designed plastic glide.

Frame sizes. In table height of 72 cm.

Table top and Front Panel made of 18mm laminated MDF with PVC edging .,

Accessories and options Metal CPU holder, Single or double flexible monitor holder with perforated side cable management, keyboard tray

Further models recommended: PantoSwing.

Economy Series 60x160	h						
		3206	3205	3204	3203	3202	3201
		70 , 76					



72° Module
Computer table.

Table top and side made of 24mm laminated MDF with PVC profile edging .

Accessories and options Proper designed leveling screws, perforated metal panel to provide cable management with necessary powder coated supporting frame, and CPU holder

Further models recommended: PantoMove-LuPo.

72° Module			3102	3101
95 x 60	h		A = 76 , B = 90 , C =120	



Computers' Tables

Tip Up
Computer table

Computer table serves also as student table, the monitor is placed on a panel that slides inside the table.

Frame powder-coated metal frame.

Frame sizes. In table height of 72 cm.

Table top 18mm laminated MDF wooden top and panel , PVC edging

Accessories and options Well designed mechanism and gas springs, perforated powder coated access panels.

Further models recommended: PantoMove-LuPo.

			
Tip Up 70x70		h	3401 76



Flip Up Computer table

Computer table serves also as student table, the monitor is mounted on MDF panel which slides inside the table.
Frame powder-coated metal frame Duo-C shape.
Frame sizes. In table height of 72 cm.
Table top 18mm laminated MDF wooden top and panel, PVC edging
Accessories and options Well designed mechanism and gas springs, perforated powder coated access panels.
Further models recommended: PantoMove-LuPo, Pantofour.

				
Flip Up 110x75		h		3301 76



Duo-Media

Computer table.

Frame of powder-coated steel tube with set-back double-legs (C-shape) on steel skids with plastic kicking protection. All steel tubes in flat-oval profile. Table suitable for floor fixing if required.

Frame sizes. In table height of 72 cm.

Table top of melamine-resin coated LIGNOpal chipboard with glued-on (KU) plastic edges.

Features. Table top with lockable sliding mechanism (12 cm) for access to the cable channel. Cable outlet through sealing lipover the full table width between top and side panel.

Accessories and options. Perforated-metal vertical cable channel attached without tools between the double legs. Inside solidmetal, outside powder-coated perforated metal. Vertical channel can only be opened when the horizontal cable channel is also open. Vertical cable guide consists of 3 plastic cable clips to push-onto the table legs. CPU-angle and CPU-box for fixing to table legs.

Following materials and colours are available: (M) steel colours. Frame: M0, 1 and 2. Top: off-white, natural beech laminate.

Glides: black.

Further models illustrated on this page: PantoMove-LuPo.

Duo-Media	d = 80, Total d = 85	4450	4451	4452	4453					
	d = 90, Total d = 95	4455	4456	4457	4458					
						4447	4448	4449	4460	4461
	w	80	120	140	160					
	h		72							
						CPU-angle	CPU-box	Vertical channel	Cable guide	Cable clip



Integra computer table.

Frame made of powder-coated tubular steel tube with centre legs on skids with plastic kick protectors. All steel tubes are in flat-oval sections. Desk alternatively available on glide elements, castors or for floor mounting.

Seating size. Height-adjustable in stages.

Desk top of melamine-resin-coated LIGNOpal chipboard with a seamlessly cast-on polyurethane safety edge.

Equipment and options. Front with hinged and optionally lockable monitor panel for screw-mounted flatscreen monitors. Monitor panel with a gas-filled telescopic strut responding to weight and force. Desk optionally available with an open CPU holder or with a hinged and lockable CPU compartment. Mouse holder and keyboard shelf located in the monitor panel or for single desks under the desk top. Optionally with cable channel for cross-linking and vertical rising channel. Desk top can be removed for the purpose of simple cabling.

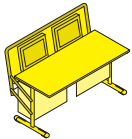
Material. The Integra table is available in many (M) steel and (L) laminate colours from the VS colour chart:

Frame: M2.

Top: L8.

Glides: black grey.

Further models illustrated on this page: PantoTurn-LuPo.

				
		2402	2403	2404
Integra	Desk top w-d (Overall d)	75-65(80)	130-65(80)	150-65(80)
	Glide element (castor) h	64, 70, 76 (70, 76)		
	max. monitor w-h-d (weight kg)	44-40-8 (4,0-6,5)		
	max. computer w-h-d (weight kg)	21,5-46-42 (10-12)		
	max. keyboard w-h-d	Monitor panel (plywood shelf)	48-4,5-18,5 (50-5,5-25)	
	max. mouse w-h-d	7-14-3,5		





V/S
Middle East

Libraries Libraries Libraries Libraries Libraries



Libraries

Library Shelving System:

1. **Up rights:** Made of 24 mm laminated MDF with 0.9 mm laminate and edge with 2 mm PVC Edging, with lines of perforations to accommodate brackets holding shelves and to facilitate shelf height adjustable necessary leveling accessories.
2. **Supporting frame:** Made of powder coated 20 x 40 mm tube.
3. **Shelves:** Standard Shelf made of powder coated 1.0 mm bended steel sheet
Size 30 x 90 mm for standard shelf and inclined shelf for periodical.
Size 40 x 90 mm for horizontal shelf for periodicals.
4. **Brackets:** Powder coated brackets made of 1.2 mm steel sheet and welded studs.

- Options**
1. Single sided shelving system
 2. Double Sided shelving system.
 3. Single Sided display system.
 4. Double Sided display system.
 5. Side panel available with Autex acoustic panel insert.

Periodical Shelving System:

1. **Up rights:** Made of 24 mm laminated MDF with 0.9 mm laminate and edge with 2 mm PVC Edging, with lines of perforations to accommodate brackets holding shelves and to facilitate shelf height adjustable necessary leveling accessories.
2. **Supporting frame:** Made of powder coated 20 x 40 mm tube.
3. **Shelves:** **Standard** Shelf made of powder coated 1.0 mm bended steel sheet
Size 30 x 90 mm for standard shelf and inclined shelf for periodical.
Size 40 x 90 mm for horizontal shelf for periodicals.
4. **Brackets:** Powder coated brackets made of 1.2 mm steel sheet and welded studs.

- Options**
1. Single sided periodical shelving system
 2. Double Sided periodical shelving system.

S for Standard D for Display P for Periodical	Height H	No. of shelves					
			4101	4111	4501	4201	4211
Library shelving system	200 cm	(5+1)	4101	4111	4501	4201	4211
	180 cm	(5+1)	4102	4112	4502	4202	4212
	150 cm	(4+1)	4103	4113	4503	4203	4213
	120 cm	(3+1)	4104	4114	4504	4204	4214
WxD Shelf 30x90cm			90x36			90x63	



Serie 80000

Open cupboard with material trays. 2 OH.

Construction of glued or knocked-down bodies which can be combined to form cupboard walls.
Body of melamine-resin-coated LIGNOpal chipboard with glued-on plastic or beech edges and rows of holes. Body with concealed **adjustable feet** and optionally with a plinth of solid beech or steel and with removable back panel.
Internal fittings: Optionally with material trays on metal-bar guides. Large or small plastic material trays are available. The trays can be ordered individually, with or without metal-bar guides.
Following materials are available: Carcass/bases LIGNOpal = L 1,4,6.

Serie 80000	d = 42	80840	80841	80842	09192	09199
	w-h / w-h-d	70-84,5	105-84,5	140-84,5	31,2-7,5-37,5	31,2-15-37,5
	Number of cases	16x 09192 or 8x 09199	24x 09192 or 12x 09199	32x 09192 or 16x 09199		
	Colours				translucent, red, blue, green, yellow, anthracite	
	Lock (optional)	-	-	-	-	-



Round Table SS Base Disc

Frame of stainless steel base with central SS tubular leg.

Table top of 13mm HPL (High Pressure Laminate) or laminated MDF with PVC edging.

Materials and colours choice are available.

Further models recommended: PantoSwing-LuPo, Compass-LuPo and PantoFour.

HorseShoe Table

Frame of powder-coated steel tube with tubular steel top frame for support.

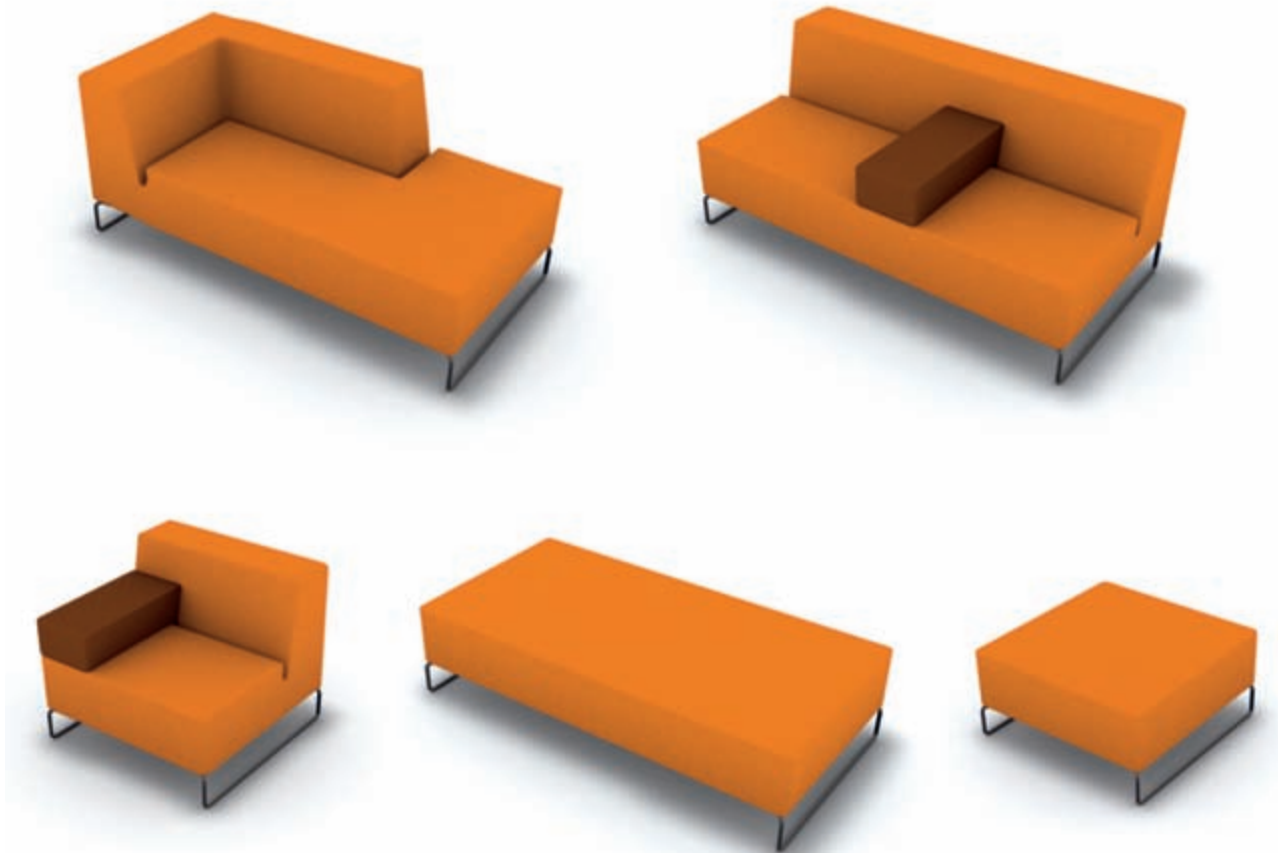
Table height are according to DIN ISO 5970 and CEN

Table top Laminated plywood with T profile edging (WxD) : 180x 120

Further Models recommended: Panto Swing-LuPo, PantoMove-LuPo

Libraries

Round Table	d=80	2201			2210	2211	2212	2213	2214		2241
	d=100		2202								
	d=120			2203							120
	w	80	100	120							180
	Ø				70	80	90	100	120		
	h				76						52 , 58



Serie Lounge

Seat element.

Upholstered-furniture range with the following elements: stool, bench, armchair, sofa and chaise longue - based on cubic elements with resilient backrests. With function seam between seat surface and backrest for inserting variably positionable armrests. Upholstery filled all round with Diolen wadding. All components are flame-retardant.

Frame of chrome-plated round-steel tube brackets with plastic and felt glide elements.

Covers. Fabric cover secured with high-strength Velcro-type fastener. Made of either 100% Trevira CS (B1) or 100% shear wool (B2). The removable fabric covers are suitable for dry cleaning.

Combination. Individual elements can be combined to create seating landscapes.

Following materials are available: Frame = M7; Upholstery = S16,17

Serie Lounge		30100	30101	30102	30103	30104	30105	30106
	Total w-h-d	80-40-80	160-40-80	80-72-80	160-72-80	160-72-80		25-15-57,5
	Seat w-h-d			80-40-50	160-40-50	130-40-50		



L a b s





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