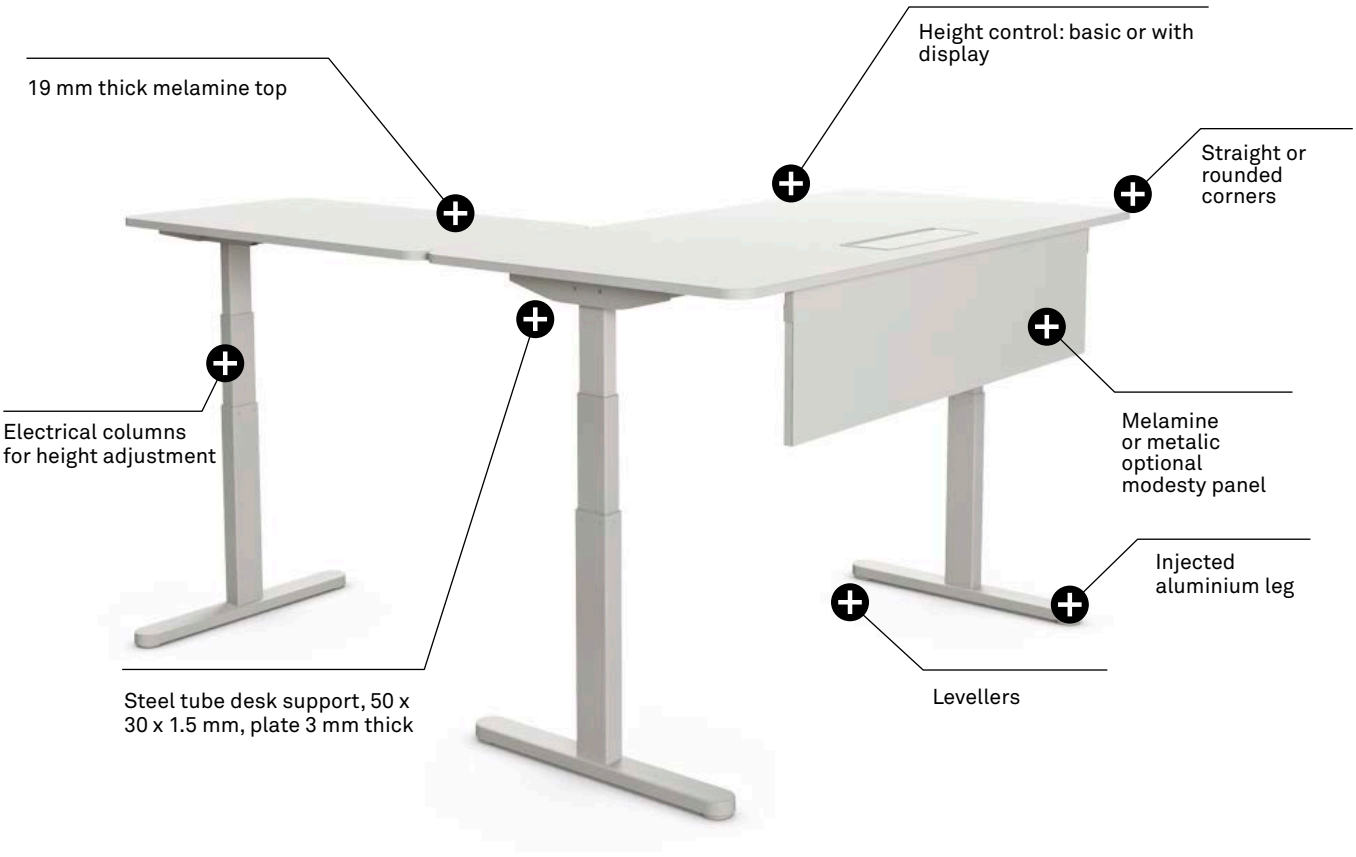
Forma 5

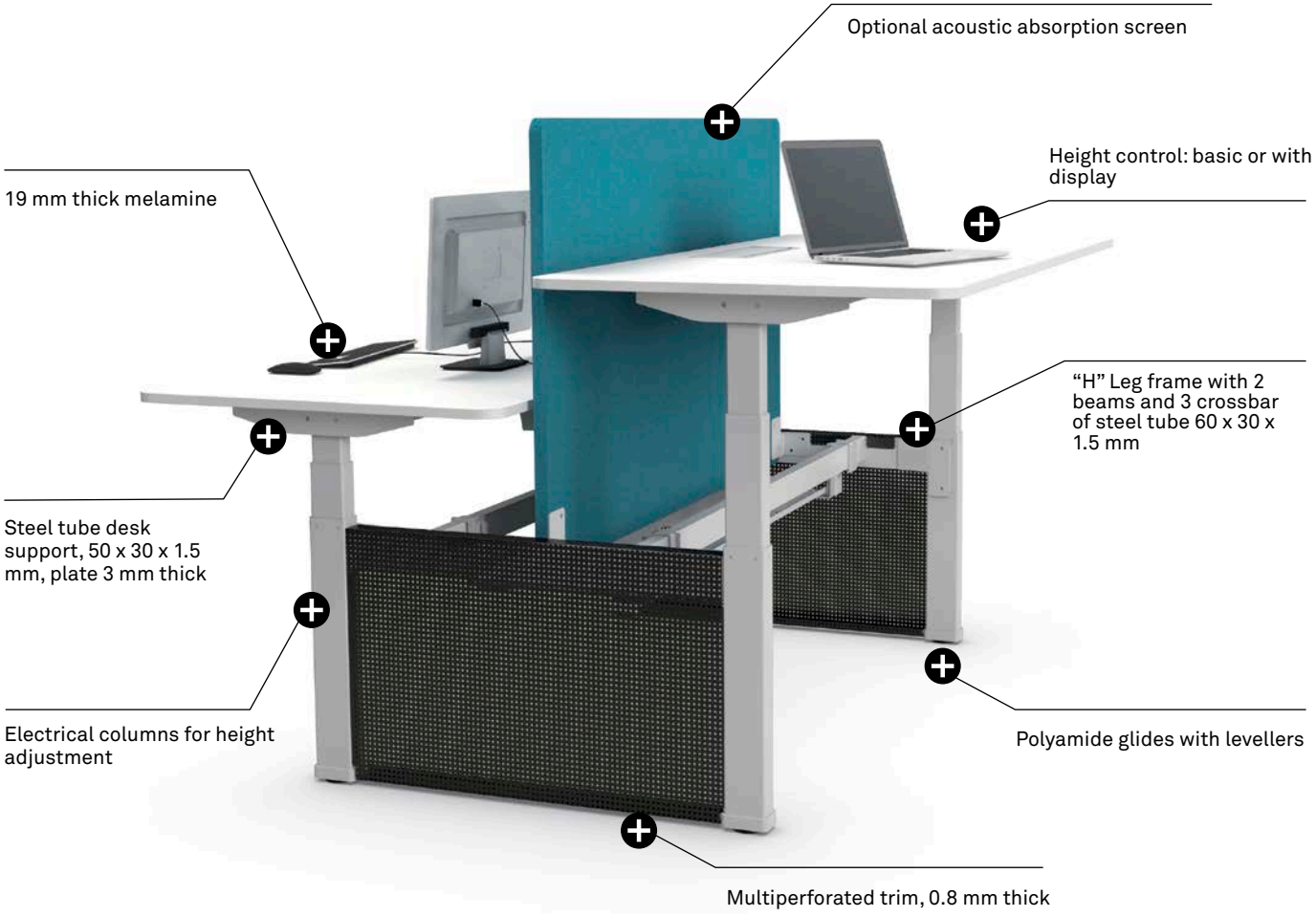
TECHNICAL FEATURES

SKALA

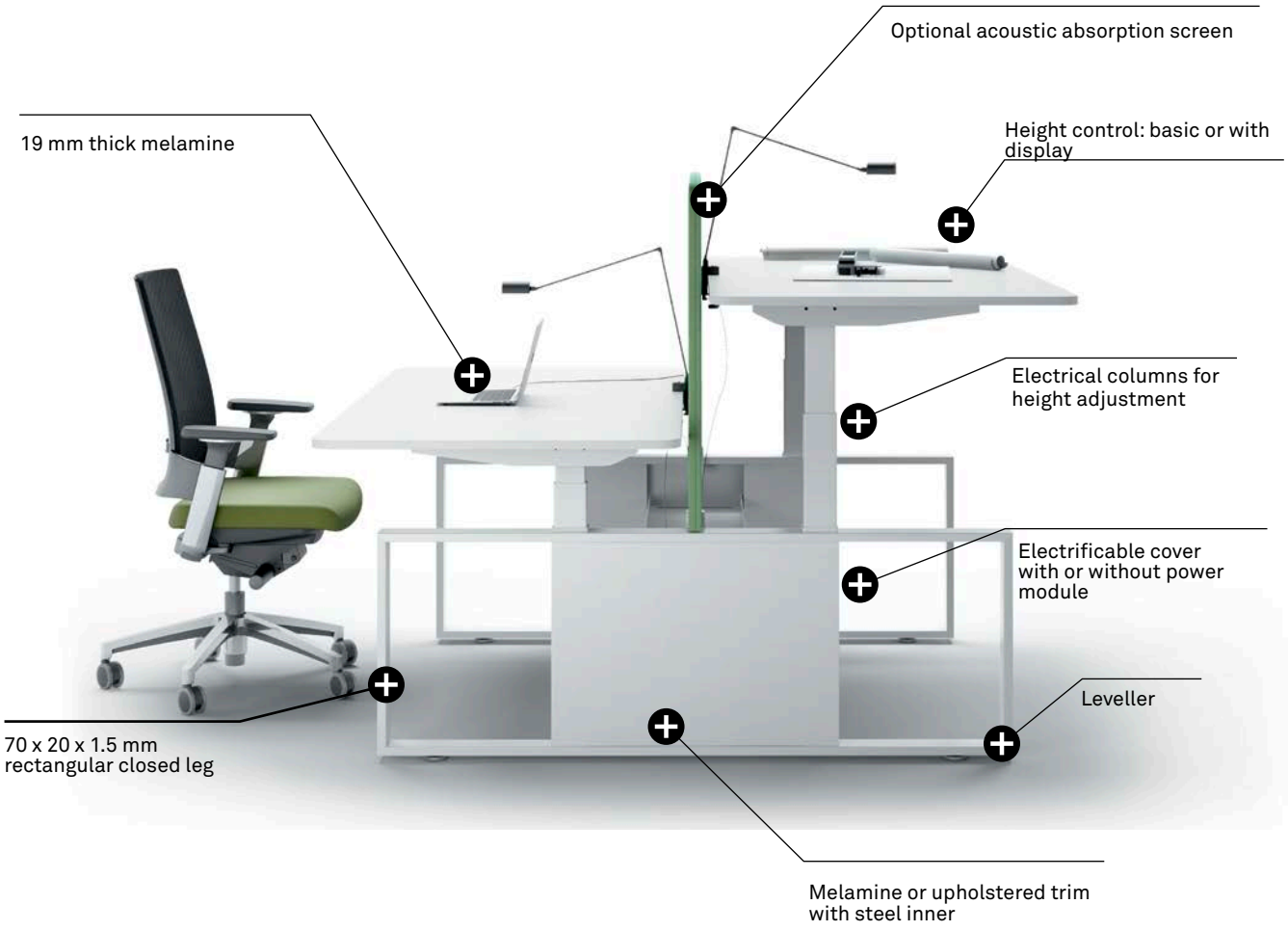
SINGLE AND RETURN DESK



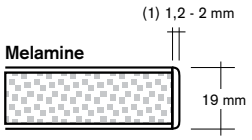
“H” PEDESTAL BENCH



LOG CLOSED BENCH



BOARD



EDGE WIDTH	19 mm BOARD
2 mm (1)	Desk top

TOP

19 mm thick melamine particle board. 2 mm thick thermofused edges around the perimeter. Round or straight corners.
Drilled underneath to allow a correct assembly. The quality requirements for the board are made according to the UNE-EN312 legal terms, corresponding to P2 board. The average density for 19 mm thick boards is 630 kg/m^3.


Straight corners


Rounded corners

PEDESTALS

SINGLE AND RETURN DESK: pedestals with electrified height adjustment columns electrified with maximum dimensions of 80 x 50 mm (the lower column is wider than the two upper to allow for adjustment fitting into each other).
The connection between the top and the pedestal is performed by welded structures that support the table and are formed by a rectangular steel tube 50 x 30 x 1.5 mm and folded sheet 3 mm thick. The aluminium injected leg incorporates levellers.


Single and return desk

"H" PEDESTAL BENCH: pedestals with height adjustment columns electrified with maximum dimensions of 80 x 50 mm (the lower column is wider than the two upper to allow for adjustment fitting into each other). The connection between the top and the pedestal is performed by welded structures that support the table and are formed by a rectangular steel tube 50 x 30 x 1.5 mm and folded sheet 3 mm thick. The floor support is made with polyamide glides that incorporate levellers.

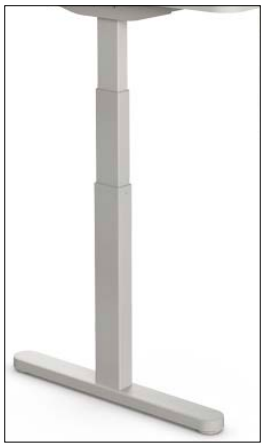

"H" pedestal bench

LEG CLOSED BENCH: rectangular leg frame 70 x 20 x 1.5 mm. It has a lateral trim made of melamine or upholstered. The inner has a steel sheet 0.8mm painted in the same colour than the leg frame, that allows the posibility to include a power module. The connection between the top and the pedestal is performed by welded structures that support the table and are formed by a rectangular steel tube 50 x 30 x 1.5 mm and folded sheet 3 mm thick. The support to the fllor incorporates two levellers.


Leg closed bench

HEIGHT ADJUSTMENT

The different configurations that Skala presents allow adjusting the height of the top, swinging between 65 and 125 mm.
This adjustment is made possible by an electrification system located inside the columns, operated by three devices:
- Basic control that controls the raising and lowering functions. Small and compact, it's very easy to assemble and can regulate up to three columns.
- Display control manages the use of the table and reports the number of activations and how long the user has been working up or the number of calories burned. The table can be programmed to remind the user to get up.
- PC-Mac control cable enables upload and download functions from your computer. In addition to the functions of the digital control, it allows the preparation of statistics. There is a unique system, in all cases must be assembled near the digital or basic control.


Height adjustment

MODESTY PANEL

TICK MELAMINE: 19 mm thick melamine particle board with 1.2 mm thick thermofused edges around the perimeter, fixed to the structure by specific fittings hidden below the desk.

METAL: 1.5 mm thick textured steel sheet panel with epoxy paint finish, polymerized at 220ºC. The assembly system includes fittings to facilitate it all. It hangs from the front beam.


Thick melamine


Metal

SCREEN

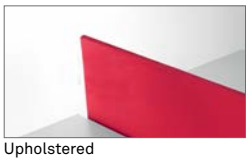
MELAMINE: 19 mm thick particle board with 1.2 mm thermofused edges around the perimeter. Fixed to the structure with specific fittings hidden below the desk.


Melamine

GLASS: 6 mm (3+3 mm) laminated glass with inner butyral sheet. Polished edges and rounded corners.
Fixed to the structure by specific fittings hidden below the desk.


Glass

UPHOLSTERED: 16 mm thick particle board base with both sides upholstered. Sewings at laterals. Share fittings with the rest of the screens.


Upholstered

UPHOLSTERED ACOUSTIC (SINGLE DESK): 16 mm thick particleboard base covered with a 5 mm thick foam cover with 30Kg/m^3 density and upholstered on both sides. Double perimeter seam. Fixing to the structure of the desk by specific fittings.


Acoustic

SOUND-ABSORBING (BENCH DESK): made of particle board and high density foam 60 kg/m^3, upholstered in Forma 5 Group 1, 2, 3 and 5 fabrics.


Sound-absorbing and pinable

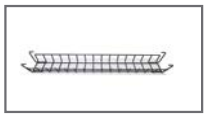
CABLE MANAGEMENT

ACCESSORIES FOR DESK SURFACE

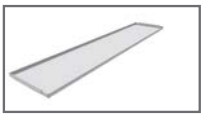
ALUMINIUM TOP ACCESS
Aluminium part overall dimensions 367 x 127 x 33 mm. Extruded tap aluminium 348 x 89 mm and 4 mm average thickness. Aluminium injection inner piece average thickness 2.5 mm.

POLYAMIDE TOP ACCESS
Pollyamide part outer dimensions are 245 mm x 125 mm x h: 25 mm. The inner has a gap of 225mm x 90mm for the cable management. Set of two pieces made of polyamide with 10% glass fiber and 20% microspheres.

HORIZONTAL CABLE DRIVING



REMOVABLE WIRE CABLE TRAYS
Electrowelded wire tray Ø 5 mm rod. Fix to the tap by metal plates.



DOUBLE METAL TRAY FOR SKALA
Double tray made of multi-drilled steel, 0.8 mm thick. It includes a quick attachment to the lateral trims.

REMOVABLE METAL DOUBLE CABLE TRAY
1,2 mm thick folded sheet tray. Dimensions 1200/1000 x 338 mm. Polyamide pieces for subjection to beam. Overall dimensions of the set: 1200/1000 x 489.3 x 142.5 mm.

METAL CABLE TRAY TO SERVICE POWER
Metal cable tray to service power outlet, made of steel sheet, 1,2 mm thickness and 300 mm in length. Possibility of setting a power block. Fixing in the desk top with wooden screws. outlet

SINGLE METAL TRAY FOR SKALA
Single tray made of steel sheet, 1.2 mm thick. A powerstrip can be fixed.

VERTICAL CABLE DRIVING

METAL CABLE PILLAR
1,5 mm thick metal pillar. Section 71 x 70 mm, base 160 x 160 mm. Overall height 572.5 mm.

CABLE SPINE ø 9 x 120
Grommet set made of ø 90 mm circular ABS rings. It applies to all types of hight thanks to its extendable spring. It is screwed in the desk top.

CABLE SPINE 4 x 5 x 8 cm
Articulated and removable rings, which can be added or removed easily, allowing the desired length at each facility. Easier attachment. Made of polycarbonate. The flexibility of its parts provides a pivotal movement in all directions.

CABLE SPINE ø 9 x 120
Union of grommets made by circular polycarbonate articulated rings, diameter 90 mm, which give great flexibility to accommodate quickly all types of cables. It can be screwed or clipped to a tray and the ground with a metal pedestal base.

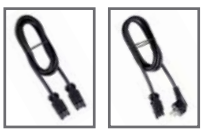
FABRIC CABLE RISER
Fabric cable riser, made of Web mesh and 80 mm diameter. It is only compatible with the extensible tray. Fixed by an elastic band.

ADDITIONAL ACCESSORIES

ADJUSTABLE CPU CABINET
Support folded metal sheet, 2 mm thick. Adjustable height and width to suit different dimensions. Screwed to desk top. Flexible polyurethane protections to prevent vibration and to ensure an optimal fit.

4 WAY POWER BLOCK
16A 250V sockets with 3 x 1.5 mm^2 power cable. CAT5E network cable.

3 WAY POWER BLOCK WITH 2X RJ45 DATA
16A 250V sockets with 3 x 1.5 mm^2 power cable. CAT5E network cable.



POWER CABLE AND EXTENSION CABLE
3 x 1,5 mm^2 cable 250V 16A with grounding.

OTHER COMPLEMENTS

- PC-MAC control cable.
- Multiperforated trim for bench.
- “Desk Manager” software.

PC-MAC control cable

Desk Manager Software

Please, read the manual before installing the Skala System.

-DO NOT OPEN THE CONTROL UNIT UNDER ANY CIRCUMSTANCES. DANGER OF ELECTRIC SHOCK AND INVALIDATAN OF THE GUARANTEE.

-THE CONTROL UNIT MUST ONLY BE CONNECTED TO THE VOLTAGE SPECIFIED ON THE LABEL.

-USE ONLY THE POWER CABLE SUPPLIED WITH THE CONTROL UNIT. NEVER USE THE COMPACT CONTROL UNIT IF THE CABLE IS DAMAGED.

-BEFORE CONNECTING AND DISCONNECTING ANY DEVICE, YOU MUST ENSURE THAT THE POWER CABLE IS DISCONNECTED.

-DO NOT EXPOSE THE CONTROL UNIT TO HUMIDITY, DRIPS OR SPLASHING.

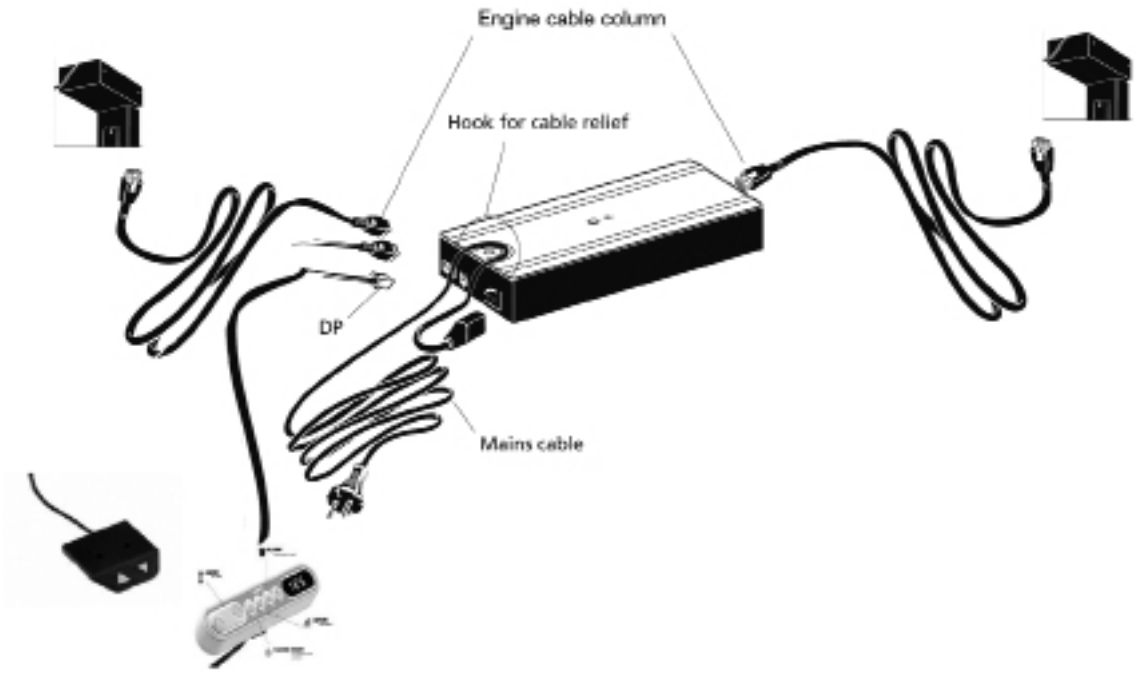
-WHEN YOU CHANGE THE POSITION OF THE DESK TOP, THERE IS A RISK OF COLLISION THEREFORE, YOU MUST ENSURE THERE ARE NO PEOPLE OR OBJETS IN THE DANGER ZONE.

-YOY MUST ONLY CLEAN THE CONTROL UNIT WITH A DRY CLOTH. BEFORE WASHING, YOU MUST ALWAYS DISCONNECT THE POWER CABLE

-USE ONLY ORIGINAL PIECES, THESE CAN BE REPLACED BY QUALIFIED PERSONNEL. IN THE CASE OF ANY PRODUCT FAILING PLEASE CONTACT OUR CUSTOMER SERVICES.

-MAXIMUM LOAD TO ELECTRIC ELEVATION DESKS IS 30 KG, PAYING PARTICULAR ATTENTION TO THE WEIGHT DISTRIBUTED ON THE SURFACE.

-THE TWO LEGS WHICH MAKE UP A DESK MUST ALWAYS BE MOUNTED TOGETHER, BOTH BEING THE SAME HEIGHT. IN THE EVENT OF HAVING TO DISMOUNT TWO OR SEVERAL DESKS TO MOUNT IN A NEW PLACE, YOU MUST TAKE EXTRA CARE TO KEEP THE TWO LEGS TOGETHER. IN THE CASE OF HAVING A DESK WITH DIFFERENT HEIGHTS, PLEASE READJUST THE HEIGHTS.



START-UP

The first step we must take to the launch of electric lift table is the implementation of electronic control RESET.

Before any maneuver the table must push the button ▼ 20 seconds. Then it will be noted that legs down and up. From that moment you can make height adjustments.

DIGITAL CONTROLS FOR SKALA

1º Basic control UP/DOWN (UP/DOWN)

2º Digital panel with display.

Health & Wellness Desk Panel

KEY FEATURES

• Track use of desk by reporting back number of movement activations and number of times the user stood up to work
• Remind users to stand up and work with adjustable alarm
• Achieve health goals by counting calories burned while standing

HOW DOES IT WORK?

How does the Desk Control know when I'm sitting or standing?
• The desk panel divides the travel range of the desk into 3 two areas, sitting range and standing range. The point that divides these two ranges is the "mid-point", which is easily adjusted by the user using the "Set" button.

How does the Desk Control count my calories?
• When in the standing range, the Desk Control is counting how long the user is standing. This time combined with the users weight allows calories burned to be calculated.

Cal / Min

Tap button to toggle between showing calories burned and minutes standing when in the standing range. The display will flash "CAL" for calories, and "CLO" for minutes standing.

Hold button for 5 seconds to reset Calorie count and stand time.

Report

Tap button to toggle between viewing reports [-1-] and [-2-].
[-1-] is a count of sit-to-stand movments (any input that crosses mid-point moving up).
[-2-] activation (any input moving more than 0.5").

Hold Report button for 5 seconds to reset -1- and -2- reports.

Alarm

Tap button to view the current alarm setting.

Hold button for 3 seconds access menu for changing alarm settings. Pressing the up/down keys will toggle through different alarm times (OFF, 15, 30, 45, 60, 90, 120),

Set

Hold "S" button for 3 seconds to set mid-point-

Hold "S" + "Cal/Min" buttons for 5 seconds access menu to set weight. Pressing the up/down key will adjust the weight.

Hold "S" + "Report" buttons for 5 seconds to set change between units (imperial and metric),

RESET ALL

Hold "Cal/Min" + "Report" buttons for 5 seconds to reset all settings to factory default.

The engine control box is an electronic device in accordance with Directive 2002/96 / EC and is characterized therefore by the symbol displayed on the left side.

REGULATORY COMPLIANCE

ETL-marking

-C/N 120690

-C/N 9901916

-C/N 4008003

-C/N 4008004

-C/N 4008005

-C/N 4008671

-C/N 4009507

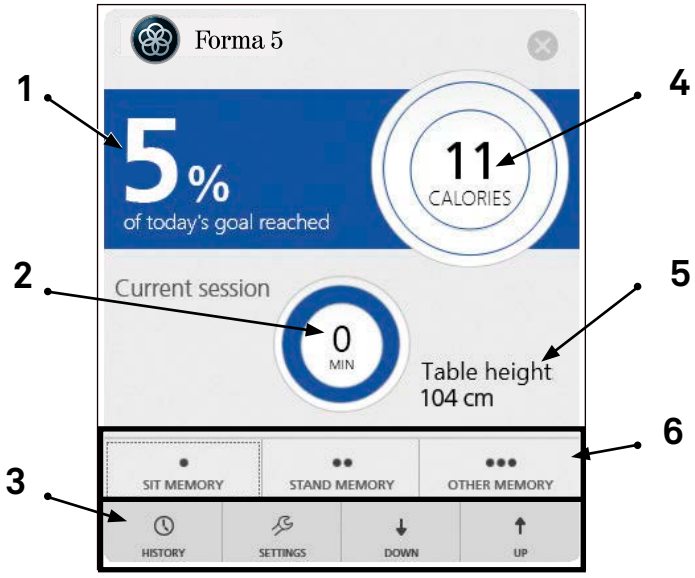
INFORMATIONS TECHNIQUES

Features:

- Compact design where guide and actuator func- tion are an integrated unit
- Reinforced column and optimised motor hous- ing design for extra strength and stability
- Short cable mounted on DL6 for connection to CBD4/6/6S with separate DESKLINE® motor cable
- Max. thrust 1200 N (per leg)
- Max. speed: 38 mm/sec.
- Installation dimension: 560 mm
- Stroke length: 650 mm
- Dimensions column: 50 x 80 mm (outer profile), 43.5 x 73.5 mm (middle profile) and 37 x 67 mm (inner profile)
- Dimension motor housing: 177 x 97 x 46 mm (as DL5)
- Low noise level
- Bending moment: My = max. 150 Nm dynamic
- Colour: Available in black (RAL 9005), silver grey (RAL 9006) or white (RAL 9016)
- Mounting bracket for crossbar in parallel system (40 x 120 mm)

Usage:

- Single or 2, 3, 4 parallel drive or even multi- parallel with up to 16 columns
- Duty cycle: 10 % ~ 6 min. per hour or 2 min. continuous use at full load
- Ambient temperature: +10° to +40 °C • Compatible with control boxes CBD4/6/6S and all DESKLINE® controls
- Approved according to EN 60335-1 and UL 962
- Storage and transport temperature: -10 °C to +70 °C



1 The % mentioned is how far you are in reaching the goal of the day.

2 The number in the circle is the number of minutes in the current session (self-efected period) .

3 Click to go to the “History” view or “Settings” view. Alternatively press the “Down” or the “Up” button and adjust your desk.

4 Calorie-Time view mode: the number in the circle tells you the number of calories burned today.

5 “Table height” is the actual table height.

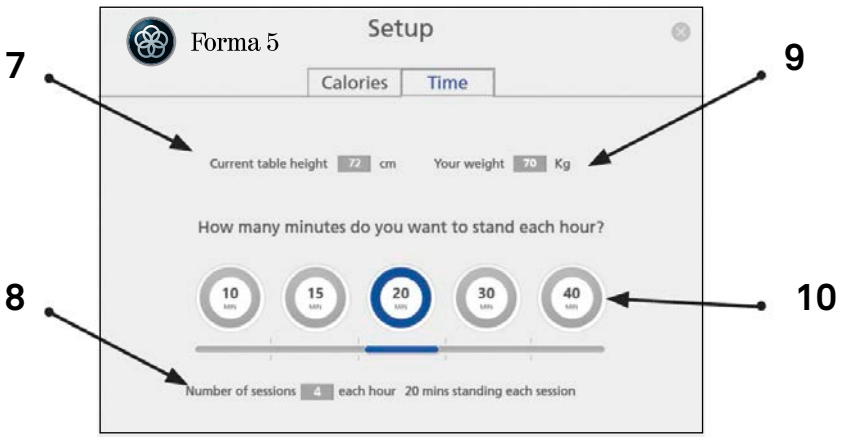
6 3 memory positions.

7 Measure your actual table height and add the number here.

8 Decide how many sessions you would like to have each hour (max 6).

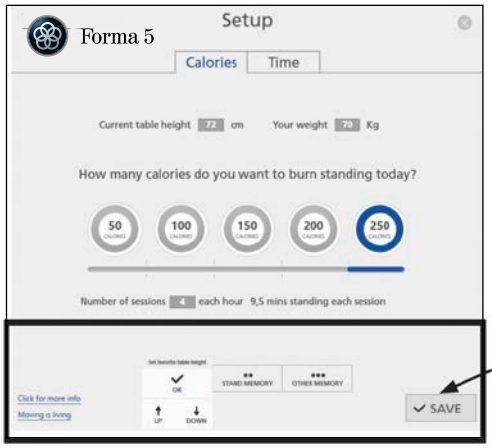
9 Set your weight here to get an accurate readout in time-calories (or keep the preselected value).

10 Choose how many minutes or calories you would like to stand up or burn calories each hour.



Common functions for both calories and time in the Settings view:

- How to store memory positions.
- Link to “more info”.
- Link to Forma 5 website.



The positions are stored when pressing the “save” button and leaving the setting view.

By clicking:
“Click for more info” you open a new windows and go to the Desk Control product page on the Forma 5 website where you find more information .

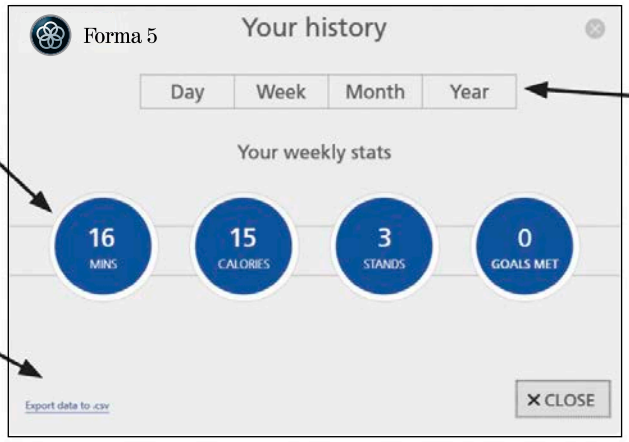
“Moving is living” you go to the “Moving Desks” website where you find more information about height adjustable desk and why you should use your desk.

Set you memory positions: Press the relevant button and it opens up. By pressing up or down the desk drives to the selected position and by pressing ok the position is chosen.

History View: Under “history view” you find the statistics on how you use your desk.

The actual statistics

Export the data to Excel

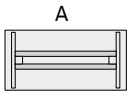
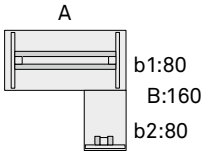
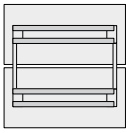
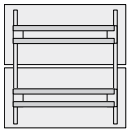


Choose between statistics per:
Day, Week, Month or Year

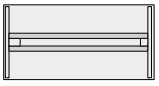
The USB2LIN06 cable

USBLIN06 USB cable
To get the Desk Control software to work you need a USB cable that connects the DESKLINE control box. The USB cable ensures the communications between the control box and you computer.

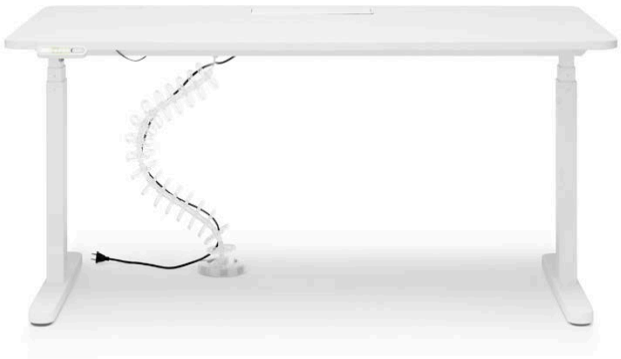
SINGLE DESKS - RETURN DESK - BENCH DESK

	DESK	A x B	180 x 80 160 x 80 140 x 80 120 x 80
	DESK + RETURN DESK	A/a1 x B/b1/b2	180/60 x 160/80/80 180/60 x 160/80/80
	"H" PEDESTAL BENCH	A x B/b1	180 x 166/80 160 x 166/80
	LEG CLOSED BECH	A x B/b1	180 x 166/80 160 x 166/80

MEETING TABLES

	RECTANGULAIRE DESK	A x B	200 x 100

Life Cycle Analysis
Skala



RAW MATERIALS		
Raw Material	Kg	%
Steel	17,71 Kg	33,48%
Plastic	1,63 Kg	3,18%
Wood	18,14 Kg	35,36%
Aluminium	2,03 Kg	3,96%

% Recycled material= 40%
% Recyclable materials= 73%

Ecodesign

Results reached during the life cycle stages

MATERIALS

Wood
70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.

Steel
15%-99% recycled material.

Plastic
30%-40% recycled material.

Paintings
Podwer painting without COV emissions.

Packings
100% recyclable with inks with no solvents.

PRODUCTION

Raw materials use optimization
Board, upholstery and steel tubes cut.

Renewable energies use
reducing the CO2 emissions. (Photovoltaic pannels)

Energy saving measures
in all production process

COV global emission reduction
of the production processes by 70%.

Podwer painting
ecovery of 93% of the non deposited painting

Glue removal from the upholstery

The facilities
have an internal sewage for liquid waste.

Green points
at the factory

100% waste recycling
at production process ans dangerous waste special treatment.

TRANSPORT

Cardboard use opmitization
of the packings

Cardboard and packing materials use reduction

Flat packings and small bulks
to optimize the space.

Solid waste compacter
which reduces transport and emissions.

Light volumes and weights

Transport fleet renewal
reducing by 28% the fuel consumption.

Suppliers area reduction
Local market power and less pollution at transport.

USE

Easy maintenance and cleaning
without solvents.

Forma 5 guarantee

The highest quality
for materials to provide a 10 year average life of the product.

Useful life optimization
of the product due to a standarized and modular design.

The boards
with no E1 particle emission.

END LIFE

Easy unpacking
for the recyclability or compound reuse.

Piece standarization
for the use.

Recycled materials used for products (% recyclability):
Wood is 100% recyclable.
Steel is 100% recyclable.
Aluminium is 100% recyclable

With no air or water pollution
while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 73%

MAINTENANCE AND CLEANING GUIDE

MELAMINE PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

PLASTIC PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

METAL PIECES

1. Rub the dirty areas with a wet cloth with PH neutral soap.
2. Polished aluminium pieces can have their polish bak by covering and rubbing them with a dry cottom cloth.

GLASS ELEMENTS

Rub the dirty spots with a wet cloth with PH neutral soap.

Do not use abrasive products in any case.

REGULATION

CERTIFICATES

Forma 5 certifies that Logos programme has passed tests conducted in the laboratory of internal Quality Control and TECNALIA Research Technology Center, obtaining “satisfactory” results in the following tests:

UNE EN 527-1-2001 norm. Office furniture. Desks. Part 1: Dimensions.
UNE EN 527-2-2003 norm. Office furniture. Desks. Part 2: Security mechanism requirements.
UNE EN 527-3-2003 norm. Office furniture. Desks. Part 3: Testing methods to determine the stability and mechanic resistence of the structure.

Design by TANDEM COMPANY