

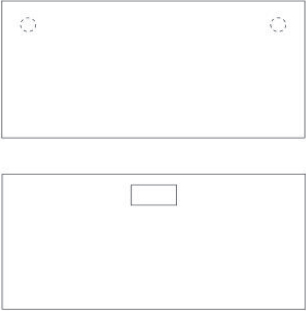
TECHNICAL SPECIFICATIONS SHEET

AXEL

FEATURES

INDIVIDUAL & HEIGHT-ADJUSTABLE BENCH DESKS

WORKTOPS

	Melamine covered particle board panels, 25 mm thick. 2 sides treated with an anti-reflective coating Panel densities range from 630 to 710 kg/m3 Flat edge banding, 2 mm thick made from a strip of glued ABS, rounded on the upper and lower edges Edging in a matching finish to the desk worktops Panels are sourced from sustainably managed forests (PEFC) Rated M3 fire-resistant (combustible, moderately flammable) in compliance with standard NF EN 13501-1. Panels are certified E1 (control of formaldehyde emissions), emitting 6.5 mg HCNO/100 mg and comply with standard NF EN 717-2. Cable and power management: > Worktops feature 2 pre-drilled openings for optional cable ports > Worktops with pre-cut openings to receive soft-closing top access housing modules 240 x 120 mm to be ordered separately (see options) - Metal cable trough included The bench version is systematically supplied including a twin metal cable trough for for the routing and storage of cables and trailing sockets. > Telescopic cable trough H. 80 mm x D. 200 mm with a sliding cover perforated on the top and underside.
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LEGS

CONSTRUCTION	Structure construction > 2 centrally positioned legs: rectangular section metal uprights 80 x 50 mm, 3 mm thick and a base W. 700 x 80 mm mounted on height-adjustable stabiliser feet (adjust through 20 mm) - 2 telescopic shafts for manual hand lever operated adjustments, section 80 x 50 mm / 75 x 45 mm -3 telescopic shafts for electric powered adjustments, section 80 x 50 mm / 75 x 45 mm / 70 x 40 mm > 1 structural telescopic metal frame > 2 tubular steel upper crossbeams W. 600 x H. 40, 3 mm thick > Epoxy powder coating finish 3 choices of finish: White (RAL 9010), Silver grey (RAL 9006) and Black (RAL 9005) > Bench version: - Legs joined by a metal crossbeam W. 785 x H. 80 x D. 50 mm, 3 mm thick - Feet rest on ABS mounts in a matching colour finish to the leg uprights
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Guarantee

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YEARS

Manufactured to

ISO

9001

Manufactured to

ISO

14001



PEFC Certified

This product is from sustainably managed forests and controlled sources

PEFC™

PEFC/07-32-197

www.pefc.co.uk

ADJUSTMENT SYSTEM	Manual hand lever adjustment system > 2 telescopic shafts, lower section features graduated notches at 1 cm intervals > Height adjustment from 715 to 1,170 mm (individual desk) and from 715 to 1,160 mm (bench) - Lift speed: 8 mm/turn of lever - Max. load for one worktop: 80 kg > Hand lever made from metal and plastic, Aluminium grey finish > Retractable hand lever, stows away under the worktop Mounted on the right-hand side of the worktop Electric powered adjustment system > 3 telescopic shafts > Height adjustment from 650 to 1,300 mm > 2 motors located within the leg uprights - Lift speed: 40 mm/sec - Thrust force: 800 N - Max. load for one worktop: 120 kg - Noise levels: 38 db maximum > 1 power supply unit 100-240 V, 50/60 Hz, 4A with a 2m long power supply cord 2 M. Available in UK version > Digital position memory control panel with 4 preset positions, can be mounted under the worktop on either the right or left side > Integrated anti-collision technology (low sensitivity). Blocks the worktop upon encountering a horizontal and rigid obstacle, then raises the top by 20 mm
FASTENING METHODS	Structure to worktop securing system: Secured using metal insert and screws, facilitating assembly and dismantling, as well as providing excellent levels of tensile strength (140 kg per insert, under extraction resistance testing conditions).

DESK OPTIONS - POWER AND CABLE MANAGEMENT

WORKTOP POWER AND CABLE MANAGEMENT

  	"EOL" cable port: > Injection moulded ABS cable port, comprising an outer ring ø80 mm embedded in the worktop and a snap-in "eol" design ø60 mm cover. > Assembly: To be placed on the left, right or both extremities of worktops with pre-drilled openings for cable ports Ø 80mm > Choice of finish: White OG, Aluminium grey OI or Graphite grey OK. Top access housing modules with and without socket feeds (for worktops 25 mm thick) > Top access housing with soft-closing mechanism and grey integrated brushes > Assembly: To be fitted to 25 mm thick worktops featuring pre-cut openings for top-access housing modules. Dimensions: W. 240 x 120 mm > Available with built-in fixed socket feed (2PC + 2RJ45 + 1 USB charger). Supplied with mains power cable UK 2.00 m long. > Finish: Natural aluminium OI or White epoxy SO.
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HORIZONTAL CABLE MANAGEMENT

	Cable trough for individual workstations: > Folded sheet steel 1 mm thick. In a matching finish to the leg structure > Height 100 mm. For worktops W. 1,200 to W. 1,800 mm > Secures either directly to the underside of the worktop using wood screws, or to the metal crossbeam between the structure and the worktop on the user or visitor side > A cable trough is systematically included on worktops with pre-cut openings for top-access housings (housing modules to be ordered separately) Useful dimensions: D. 129 x H. 100mm Useful lengths: - Worktops W. 1,200 mm - Cable trough W. 900 mm - Worktops W. 1,400 mm - Cable trough W. 1,100 mm - Worktops W. 1,600 mm - Cable trough W. 1,300 mm - Worktops W. 1,800 mm - Cable trough W. 1,500 mm
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VERTICAL CABLE MANAGEMENT

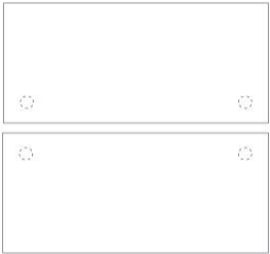
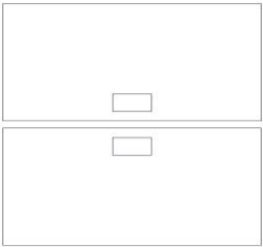
	Magnetic cable column: > Made from 0.6 mm thick steel. H. 500 x W. 50 x 12 mm thick. Choice of finish in White SO, Aluminium grey SB or Graphite grey SC > Attaches to metal leg structure using built-in magnet > Compatible with fixed height or height-adjustable leg structures (starting at H. 710 mm)
	Extendable vertical cable channel: > Made from injection moulded ABS. Extendable Ø 80 mm channel, weighted and fixed base Ø 150 mm > Choice of finish in White SO, Aluminium grey OI or Black OF > Fits to the underside of worktops using wood screws > Extendable up to 1,300 mm

OTHER DESK OPTIONS

MODESTY PANELS 	Sheet steel 0.7 mm thick, featuring 3 horizontal grooves. In a matching finish to the leg structures Secured using 2 metric screws M6x12 and inserts positioned on the underside of worktops Overall height to the underside of worktop: H. 280 mm. Thickness 23 mm Useful lengths: modesty panel measures 300 mm less than the worktop - Worktop W. 1,200 mm: Modesty panel W. 900 mm - Worktop W. 1,400 mm: W. 1,100 mm - Worktop W. 1,600 mm: W. 1,300 mm - Worktop W. 1,800 mm: W. 1,500 mm
 	Metal drawer: > Sheet steel 1 mm thick for the drawer and 1.5 mm for the drawer casing > Drawer mounted on plastic glides (extraction 80 %) > Secured to the underside of the worktop using wood screws > Fitted with a black ABS multi-compartment pen tray > Dimensions: W. 370 x D. 315 x H. 670 (Drawer height: 575 mm) ABS drawer: > Made from injection moulded ABS, 3 choices of colour available: White, Aluminium grey and Black > Drawer rotates on a 360° axis > Secured to the underside of the worktop using wood screws > Dimensions: W. 345 x D. 205 x H. 35.6 mm

DESKTOP SCREENS	See specific technical specifications sheet for individual desks Acoustic desktop screen specifically designed for AXEL bench workstations: > Outer frame made from aluminium 47 mm thick, joined by rounded ABS corner pieces > Core made from honeycomb cardboard 25 mm thick (made from 100% recycled fibres), clad with 1 layer of 10 mm thick acoustic polyester fibre on each panel face > This polyester fibre offers the following environmental benefits: > Oeko tex certified foam - certification guaranteeing the absence of substances posing a health risk > Manufactured using a minimum of 85% recycled fibres > 100% recyclable > Fire-resistant foam classed B-s1.d0 (Euroclasses according to EN 13501-1 equivalent to M1 fire rating) > Fabric covering (see fabrics shade card)
	Acoustic desktop screens absorb +/- 50% of nuisance noise Acoustic performance report produced by CEDIA Liège can be provided - Contact us for details
	Fastening method > Attached to the bench workstation structure using metal clamps, to be ordered separately, available in colours matching the structure finish: White, Aluminium grey and Black > Clamps made from 3 mm thick sheet steel crowned by a Ø 16 mm metal ring, Dim. W. 100 x H. 109 mm. Secured to the structure using screws
	> Panels measure 22 mm less than the width of the worktop (e.g.: 1,578 mm with a worktop W. 1,600 mm) Height of the screen panel alone: H. 700 mm > Manual hand lever operated version, the screen stands 600 mm above the worksurface (lowest position) and 20 mm above the worksurface (highest position) > Electric powered version, the screen stands 530 mm above the worksurface (lowest position) and 130 mm above the worksurface (highest position)

DIMENSIONS		
OVERALL DIMENSIONS (in mm)		
INDIVIDUAL DESKS	 RECTANGULAR (pre-drilled for cable ports)	 RECTANGULAR (pre-cut for top access)
Depth	800	800
Width	1,200 / 1,400 / 1,600 / 1,800 / 2,000	1,200 / 1,400 / 1,600 / 1,800
Adjustment range (manual)	from 715 to 1,170	-
Adjustment range (powered)	from 650 to 1,300	

BENCH	 RECTANGULAR (pre-drilled for cable ports)	 RECTANGULAR (pre-cut for top access)
Depth	1665	1665
Width	1,200 / 1,400 / 1,600 / 1,800 / 2,000	1,200 / 1,400 / 1,600 / 1,800
Adjustment range (manual)	from 715 to 1,160	-
Adjustment range (powered)	from 650 to 1,300	