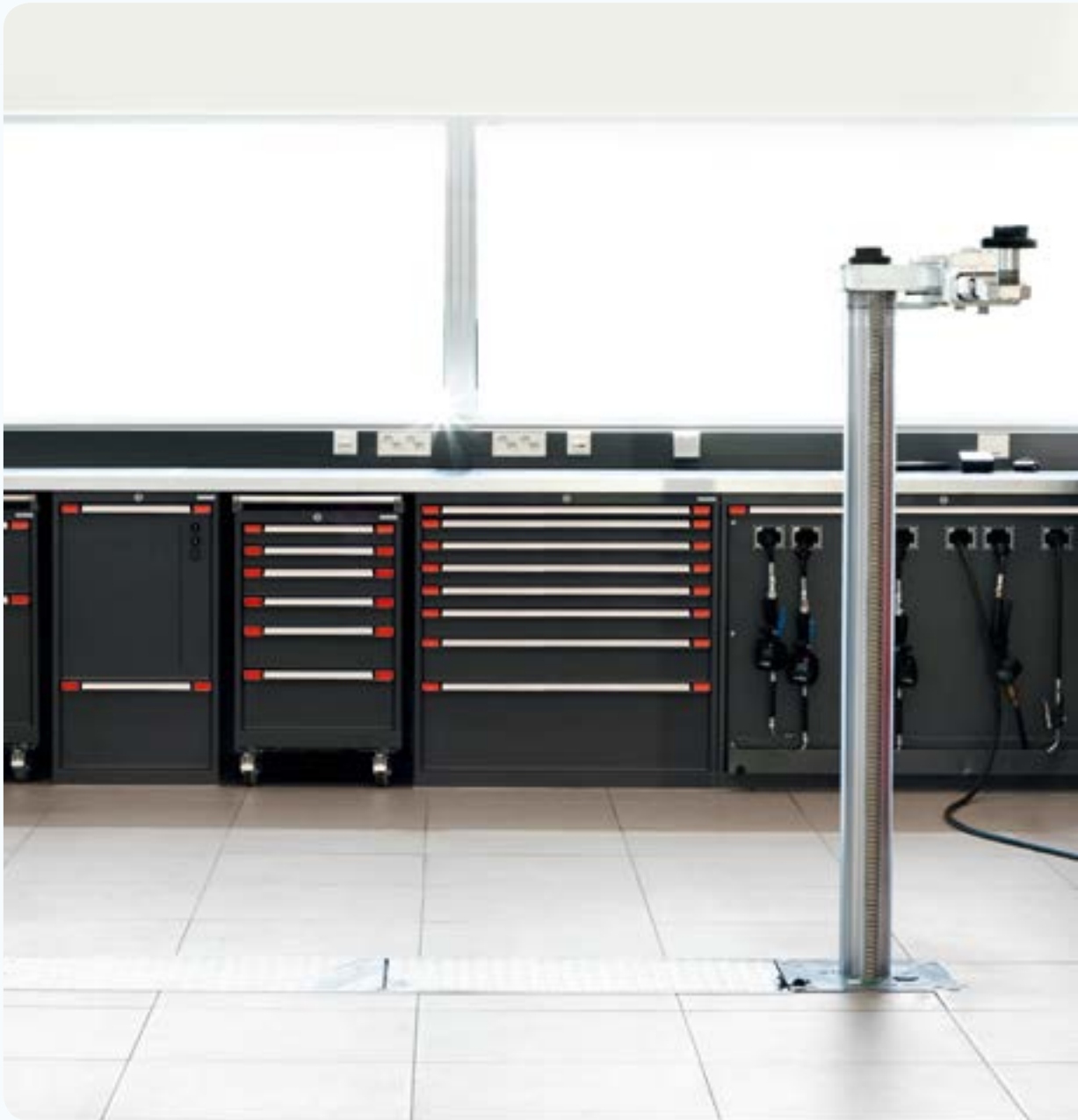


TM-KFZ

Thur Metall's modern car workshop system



Certified under
ISO 9001, 14001
and OHSAS 18001



swissmade

Absolute precision in
manufacturing and production

The brand by professionals, for professionals



Tried, tested and true

Workspace equipment from Thur Metall has been tried and tested in the automotive industry and motor racing for decades. All major brands rely on the high-quality system that flexibly fulfils every customer requirement from single drawer cabinets to fully integrated work lines. The modular design and excellent quality ensure that Thur Metall applications are a perfect fit, as well as being durable and robust. Special requirements of the sector are implemented in detail. This enables you to benefit from a personalised, coherent solution that makes your workshop better-organised, more efficient and even more visually appealing. Put your faith in superior quality and durability – just as leading automotive brands worldwide do.

Benefits

Top expertise and experience

- Many years of experience in equipping workshops
- Prestigious references from the automobile industry and motor racing

Modular design

- Universal modular system
- Flexibly configurable by size, equipment, locking system, colour, etc.
- Wall-mounted and free-standing elements available

Best industrial quality

- High-quality materials
- Extensive vertical range of manufacture
- 5-year guarantee

Customisation

- Industry-specific products such as battery cabinets, liquid storage cabinets, etc.
- Special and customised solutions for electric power, compressed air, oil and water lines, waste disposal and more

Completely universal

- Freely combinable modules
- Equipment for all areas: workshop, warehouse, recreation room, etc.
- Standardised and aesthetically pleasing look

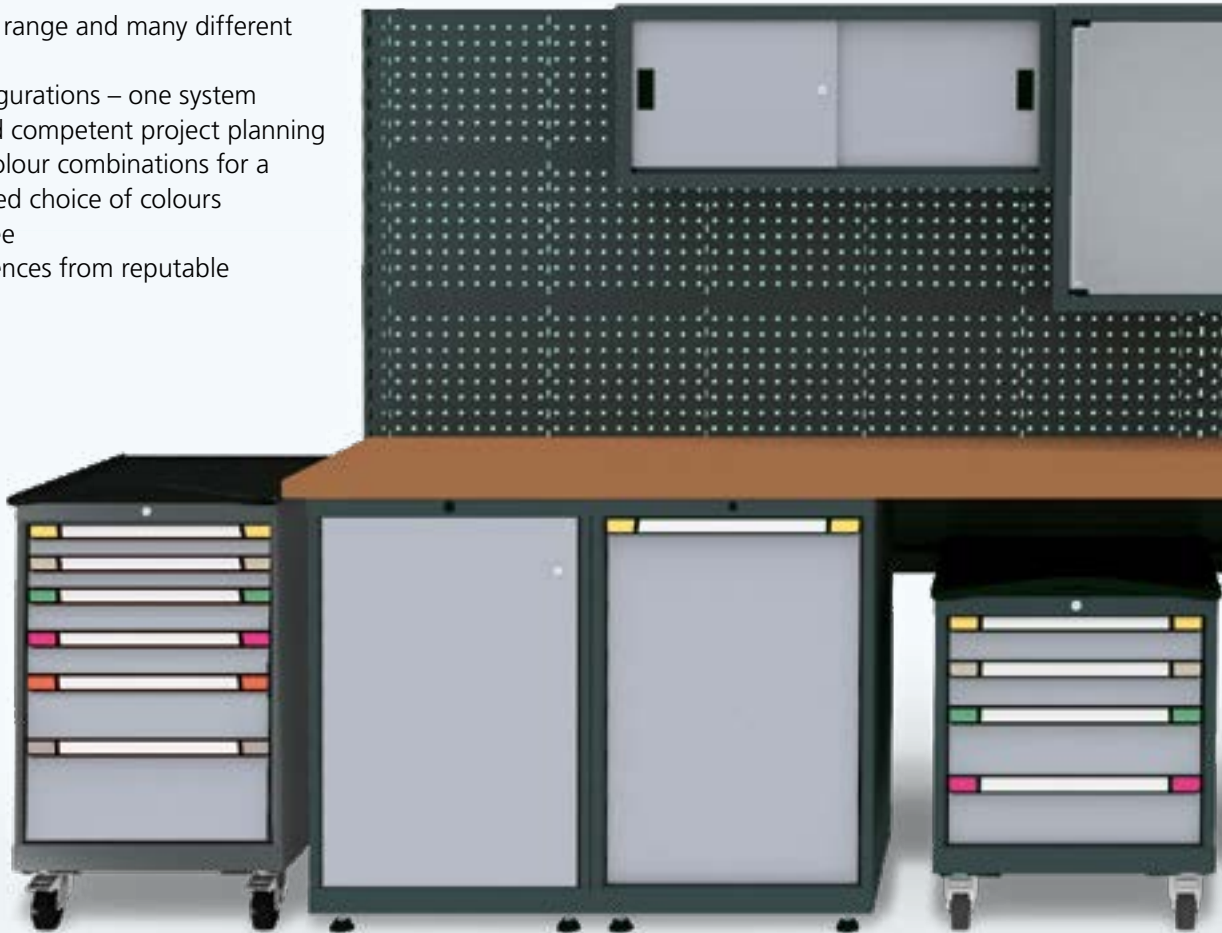


Ergonomic and efficient

Industry-specific modules, superstructures and accessories

Thur Metall knows what is important in the automotive industry. That's why Thur Metall offers a wide range of purpose-specific modules, superstructures and accessories to equip your workshop to the highest standards. Industry-specific details and special solutions for compressed air and other typical applications provide top ergonomics – and thereby enhance your efficiency and productivity.

- Comprehensive range and many different services
- Countless configurations – one system
- Customised and competent project planning
- 225 standard colour combinations for a virtually unlimited choice of colours
- 5-year guarantee
- First-class references from reputable companies
- Swiss made



Partition material

The extensive range of partition material for Thur Metall drawers – slotted partitions, metal dividers, troughs, foam inserts and more – provide secure and neat storage of all parts and tools.



Free-standing modules

Free-standing modules help you to exploit available space to the full even with no supporting walls.



Individual locking system

From standard locking systems with replaceable cylinders to fully electronic access control systems, you can choose from five intelligent levels of Thur Metall security systems. The latest generation includes an RFID lock featuring mobile control.



Certified under ISO 9001, 14001 and OHSAS 18001



Cabinets

With Thur Metall you can configure the equipment that is right for you from a wide range of standard units. As well as preconfigured cabinets, individually configured and special solutions are possible.



Rear panels

Available plain or perforated in all widths. In addition to the square perforation for various keyhole hooks, this rear panel also offers slot perforations for attaching additional rear panel fittings.



Electric power, compressed air, oil and water

Special and customised solutions for the supply of electric power, compressed air, water and other liquids perfectly and flexibly fulfil the requirements typical of this sector.



Stainless steel worktops

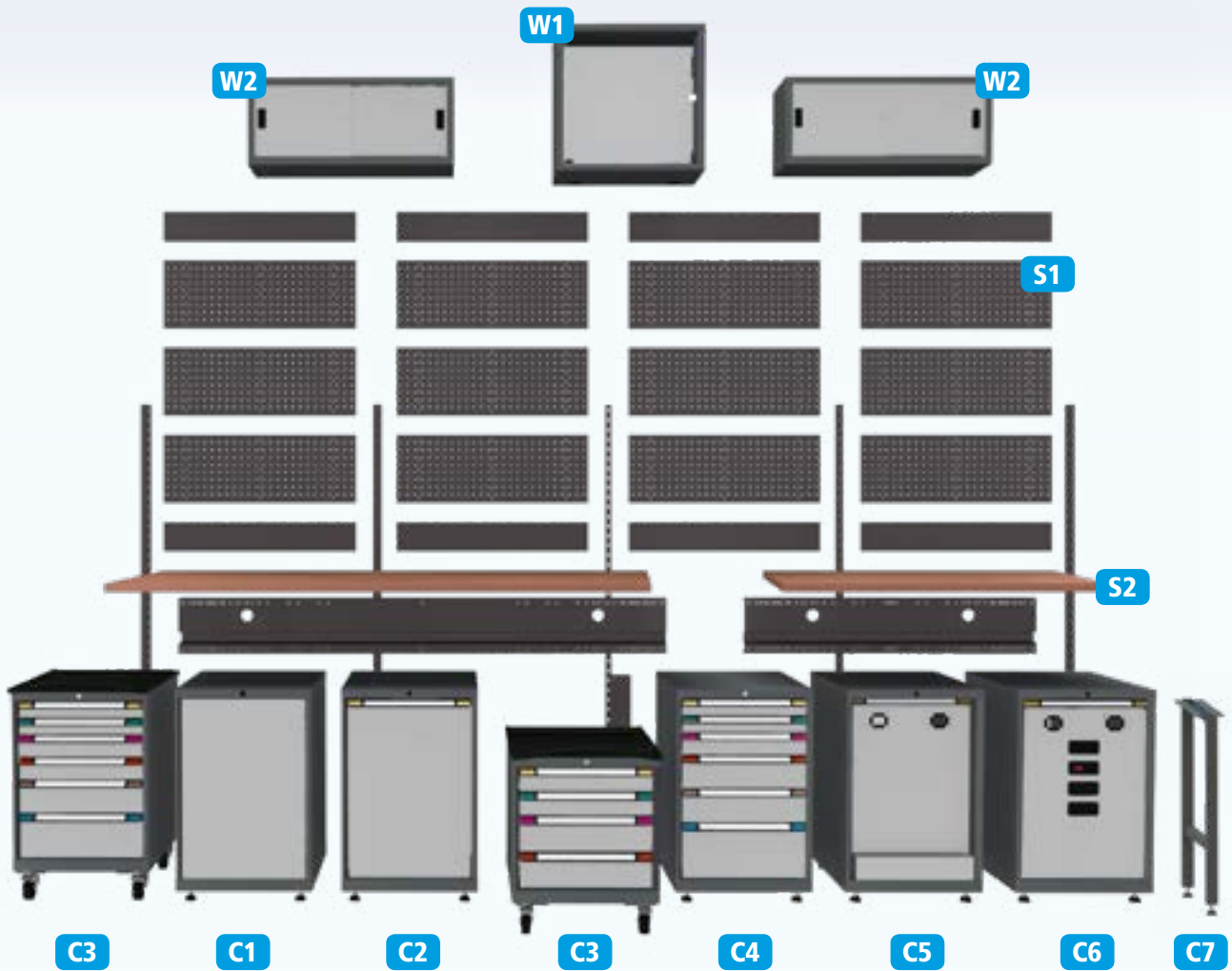
Worktops in stainless steel meet the most stringent requirements in terms of reliability, robustness and durability.



Accessories

Numerous accessories such as perforated panels, containers, vices and more, ensure an ideal supply and storage of materials.

Workshop modules



W1 Monitor module

W2 Overhead cabinet

S1 Perforated rear panel

S2 Workbench top

C1 Storage module

C2 Recycling module

C3 Drawer module - mobile

C4 Drawer module - fixed

C5 Fluid module

C6 Power module

C7 Workbench leg



Office



Recreation room



Warehouse

Typical application examples

Example E1

Simple, with room to upgrade

Height **940** × Width **2000** × Depth **750** mm

Consisting of:

- 1 × Fixed drawer module with 5 drawers
- 1 × Mobile drawer module with 4 drawers
- 1 × Ergo Universal workbench leg
- 1 × Multiplex top: H 40 × W 2000 × D 750 mm

Module combination

C4 C3 C7 S2



Example E2

Focused with quick access

Height **2330** × Width **2030** × Depth **820** mm

Consisting of:

- 1 × Fluid module
- 1 × Recycling module
- 1 × Mobile drawer module with 4 drawers
- 1 × Multiplex top: H 40 × W 2000 × D 750 mm
- 1 × Perforated rear panel including fastening: H 1350 × W 2030 mm

Module combination

C5 C2 C7 S1 S2



Example E3

Quick access and lots of storage

Height **2330** × Width **3030** × Depth **820** mm

Consisting of:

- 1 × Fluid module
- 1 × Recycling module
- 1 × Storage module
- 1 × Mobile drawer module with 4 drawers
- 1 × Multiplex top: H 40 × W 3000 × D 750 mm (2-part)
- 1 × Perforated rear panel including fastening: H 1350 × W 3030 mm

Module combination

C5 C3 C2 C1 S1 S2



Example E4

No compromises on function or ergonomics

Height **2330** × Width **4030** × Depth **820** mm

Consisting of:

- 1 × Recycling module
- 1 × Storage module
- 1 × Fluid module
- 1 × Power module – connections not included (on request)
- 1 × Fixed drawer module with 5 drawers
- 1 × Mobile drawer module with 4 drawers
- 1 × Multiplex top: H 40 × W 4000 × D 750 mm (2-part)
- 1 × Perforated rear panel including fastening: H 1350 × W 4030 mm

Module combination

C6 C5 C4 C3 C2 C1 W1 W2 S1 S2




Heights when levelling feet are set to medium height.

Preconfigured modules

Drawer module – fixed

Height **940** × Width **605** × Depth **695** mm

Description	Art. No.
Number of drawers: 5 Front heights: 2 × 75 mm, 1 × 150 mm, 1 × 200 mm, 1 × 300 mm	53.556.+++
Number of drawers: 6 Front heights: 2 × 75 mm, 1 × 100 mm, 2 × 150 mm, 1 × 250 mm	53.557.+++

 **Order note:** 805, 1005 and 1205 mm module widths available on request.

Equipment


- Drawer load capacity: 75 kg
- 100 % full extension
- Usable area per drawer: 0.30 m², W 500 × D 600 mm
- 4 levelling feet with a height adjustment of 940 to 990 mm



Drawer module – mobile

Width **605** × Depth **695** mm

Description	Height	Art. No.
Number of drawers: 4 Front heights 2 × 100 mm, 2 × 150 mm	792 mm	84.422.+++
Number of drawers: 6 Front heights: 2 × 75 mm, 2 × 100 mm, 1 × 150 mm, 1 × 200 mm	992 mm	84.867.+++

 **NB:** The height 992 mm does not fit under the workbench. The module must be placed in a freestanding position.

Equipment

- Drawer load capacity: 75 kg
- 100% full extension
- Useful area per drawer: 0.30 m², W 500 × D 600 mm
- Maximum load capacity: 400 kg



Recycling module

Height **940** × Width **605** × Depth **695** mm

Description	Art. No.
Capacity: 2 × 60 l waste bins	53.553.+++

Equipment

- 1 drawer, 60 l, load capacity: 200 kg
- 100% full extension
- Polypropylene (PP) waste bin*, grey
- 4 levelling feet with a height adjustment of 940 to 990 mm



Storage module

Height **940** × Width **605** × Depth **695** mm

Description	Art. No.
Right-opening door	53.554.+++
Left-opening door	53.555.+++

Equipment

- 1 hinged door
- 1 height-adjustable shelf, useful area: 0.34 m², W 550 × D 620 mm
- 1 pull-out shelf, load capacity 75 kg, useful area: 0.25 m², W 475 × D 600 mm
- 4 levelling feet with a height adjustment of 940 to 990 mm


Fluid module

C5

Height **940** × Width **605** × Depth **695** mm

Description	Art. No.
2 hose ports 1 galvanised drip tray, mass: W 538 × H 100 × D 100 mm	53.551.+++

- Equipment**
- 4 levelling feet with a height adjustment of 940 to 990 mm

 **Note:** Hose reels not supplied.




C6

Power module

Height **940** × Width **605** × Depth **695** mm

Description	Art. No.
2 hose ports 4 openings for power modules	53.552.+++

- Equipment**
- 4 levelling feet with a height adjustment of 940 to 990 mm
 - Power modules – see page 12

 **Note:** Compressed air hose reels and crank reels are not supplied.

Monitor module

W1

Height **700** × Width **717** × Depth **350** mm

Description	Art. No.
Modular base with 2 cable support sleeves, 2 ventilation outlets on module housing sides Glass door 5 mm, left-opening, usable dimensions: W 610 × H 620 × D 320 mm	69.940.+++

- Equipment**
- Housing rear panel with 4 bores, including assembly screws
 - Load capacity 25 kg




W2

Overhead cabinet

Height **420** × Width **1000** × Depth **400** mm

Description	Art. No.
2 solid sheet sliding doors	85.224.+++
2 hinged doors with viewing windows	85.226.+++

 **Ordering information:**
300 mm module depth available on request.

- Equipment**
- Housing load capacity: 25 kg
 - Usable dimensions: H 335 × W 943 × D 340 mm

*At room temperature, polypropylene is resistant to greases and almost all organic solvents apart from strong oxidants. Non-oxidising acids and bases can be stored in containers made of PP. At higher temperatures, PP dissolves in low-polarity solvents (e.g. xylol, tetralin and decalin). Heat resistance –29 to 100 degrees Celsius.



Workbench tops



Workbench tops made of multiplex

Versatile – dirt-repellent and largely impervious to oil and grease.



Multiplex top with sheet steel coating

Meets high standards – resistant, very easy to clean and versatile.



Workbench tops made of nitrile

Versatile – slip-resistant and shock-absorbent, as well as oil- and fuel-resistant.

Workbench tops

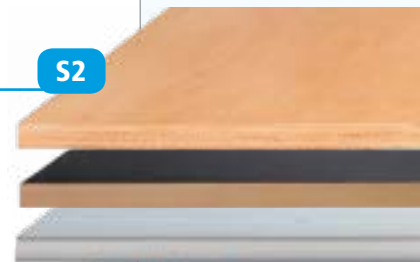
Height **40** × Depth **750** mm

Description	1500 mm	2000 mm	2500 mm
Multiplex	40.025.000	40.027.000	40.028.000
Nitrile	42.922.000	42.923.000	42.924.000
Sheet steel covering	210.263.000	210.269.000	210.291.000

Equipment

- Worktop depth 700 mm on request
- Lengths can also be tailored

S2



Drawer cabinet substructure

Height **400** × Width **605** × Depth **695** mm

Description	Art. Nr.
Number of drawers: 3 Front heights: 1 × 50 mm, 1 × 100 mm, 1 × 150 mm	53.435.+++

Equipment

- For mounting on the workbench top

Pre-assembly for threaded sockets

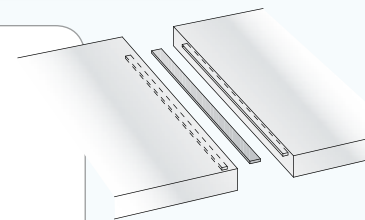
Used for	Number of screw joints	Art. No.
Workbench leg and housing	4 × M10 screws not including pre-assembly	39.160.000
Workbench leg and housing	4 × M10 screws including pre-assembly	39.161.000



Butt joints over cabinet and workbench leg

Butt joint suitable for drawer cabinet, connects the workbench top in perfect alignment with wooden tongue and groove over the cabinet for double and in-line continuous row benches. Tongue width 20 mm. Milled groove and wooden tongue.

Worktop depth mm	Tongue width mm	Thickness mm	Art. No.
650–799	630	4	39.320.000



C7

«Ergo Universal» workbench leg

Description	Art. No.
Profile steel pipe, 50 × 50 mm with two levelling feet	53.566.+++

Plastic base plate

Description	Art. No.
Full base, soft; PVC: Shore A: 80, translucent with light blue cast	345.154.000
Size can be tailored	

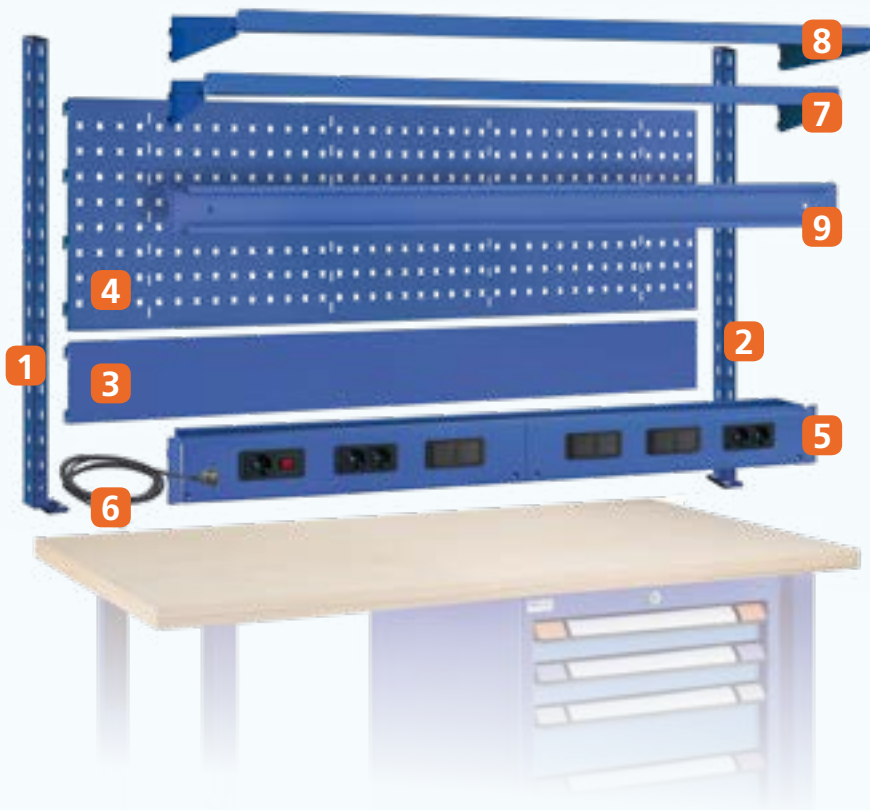


Workbench superstructures

load capacity up to 150 kg

Modular design for individual equipment

The modular structure of the superstructures allow the workbenches, with many practical individual components, to be combined into one custom-equipped workstation. The equipment required for any use can be brought together based on top width and the desired pillar height.

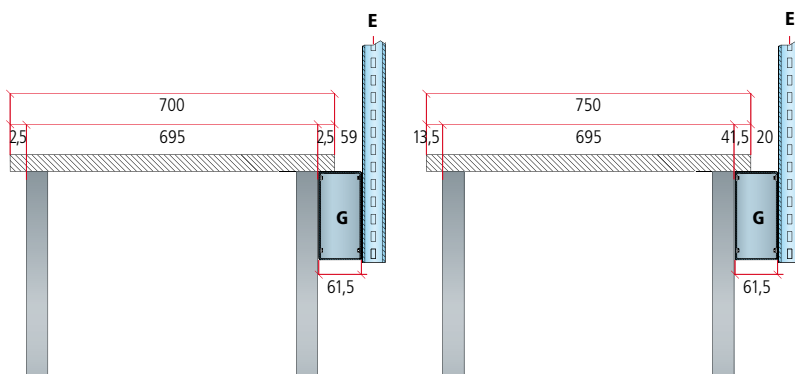


- 1 2** Support pillar left/right
- 3** Rear panel, plain
- 4** Rear panel, perforated
- 5** Power conduit
- 6** Power supply cable
- 7 8** Adjustable shelf
- 9** Container strip



The square 50 mm grid perforation allows fittings to be easily hung level or tilted by a maximum of 15 degrees by hand.

Support pillars affixed to workbench leg and drawer cabinet with load capacity up to 150 kg



Worktop depth mm	700	750
Substructure yoke	Depth 695 mm	Depth 695 mm
Drawer cabinet	Depth 695 mm	Depth 695 mm

- Support pillars (E)
- Stabilising profile (G)



Freely positionable structure width

During assembly on the workbench substructure, the support pillars mounted to the stabilising profile using clamps can be freely and flexibility positioned and converted to other module widths.

Power modules

Fits C6 cabinet module



Power module 1

1 × switch
1 × 220 V socket

Type	Art. No.
CH	89.534.000
Protective earth	89.535.000
F	89.536.000
GB	89.537.000



Power module 2

2 × 220 V socket

Type	Art. No.
CH	89.530.000
Protective earth	89.531.000
F	89.532.000
GB	89.533.000



Power module 3

1 circuit breaker
single-pin (CH: 10 A/protective earth: 16 A)

Type	Art. No.
CH	89.579.000
Protective earth	89.542.000



Power module 4

Emergency Stop button

Type	Art. No.
–	89.540.000



Power module 5

2 × 2 network sockets RJ45,
without network cable, plug+play, cat 6

Type	Art. No.
–	89.538.000



Power module 6

2 × DN7 compressed air connections, input: DN5
plug-in nipple, output: DN5 quick-release coupling

Type	Art. No.
–	89.539.000



Connecting cable

Simple and quick electrical installation through
3-pin plug and socket connector system
Length 3 m

Type	Art. No.
CH	89.544.000
Protective earth	89.545.000
F	89.545.000
GB	89.546.000



Connecting cable

3-pin connector system with plug
and socket
Length 0.5 m

Type	Art. No.
–	89.547.000



Blank cover

For subsequent addition of power modules

Type	Art. No.
–	89.543.000



Order note: please always order power modules separately according to individual property requirements. The cabinet module is supplied with the power module built in.

TM Online

The complete Thur Metall range offers countless solutions for your individual requirements. The complete catalogue, special offer catalogues, ThurScript and assembly instructions can be found here:

www.thurmetall.com



Drawer partition material



Sets of plastic boxes

6 plastic boxes 100 × 100
12 plastic boxes 100 × 200

for front height mm	Art. No.
75	56.160.000
100/125	56.161.000
Label set 18 pcs.	55.996.000



Divider sets

4 lengthwise dividers 10 crosswise dividers 100	Art. No.
75	56.172.000
100/125	56.173.000
150	56.174.000



3 lengthwise dividers 4 crosswise dividers 100 4 crosswise dividers 150	Art. No.
75	56.175.000
100/125	56.176.000
150	56.177.000



Foam inserts

Colour: black, Sales unit of 1 piece

Thickness mm	Width mm	Depth mm	Art. No.
5	500	600	56.586.000



Non-slip mats

Colour: anthracite, Sales unit of 1 piece

Thickness mm	Width mm	Depth mm	Art. No.
5	500	600	56.605.000



Systematic organisation



Partition materials

Thur Metall's drawer partitioning materials provides systematic organisation in every workspace, reducing time searching for stored items, simplified workflows and efficient results.



Immediate recognition

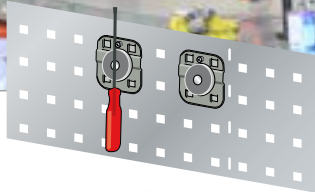
Drawer handle bars with two coloured corners for immediate recognition and comprehensive large-area labelling options.



Professional storage

- **Practical partition material** for the entire range offers perfect storage organisation.
- **Protective and flexible storage** thanks to varied partition and combination options with dividers, insert boxes, recesses, pegs or pulling mats.

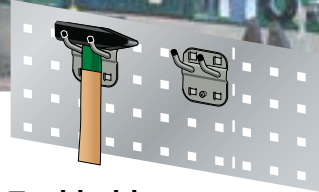
Tool holders for perforated rear panels



Magnetic holder

Sold in packs of 5

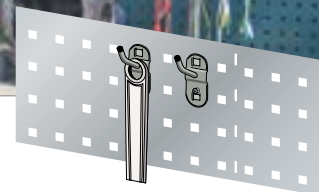
Ø	Art. No.
40 mm	44.345.000



Tool holders

vertical, double

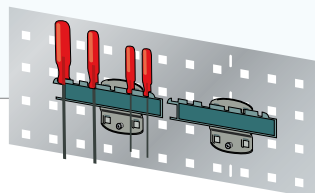
Length	Art. No.
50 mm	45.282.000



Tool holders

vertical, single

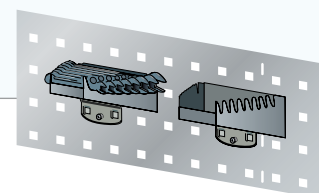
Length	Art. No.
35 mm	45.278.000
75 mm	45.279.000
125 mm	45.280.000



Screwdriver holder

for 6 parts

Length	Art. No.
—	45.296.000



Spanner holder

for 8 parts

Length	Art. No.
—	45.298.000



More perforated panel holders
see full catalogue

Locking systems



Key Lock (standard)

- Standard locking system with replaceable cylinders including two keys with key number
- Easily adapted to existing locking systems
- Can be used as master locking system (max. 100 cylinders) or as a separate or combined locking system



RFID Lock (on request)

- Locking system with 10 digits for 4- to 6-digit codes, up to 100 codes
- Power supply with two standard alkaline AA batteries
- Works for several years without changing the battery
- Log file of last 50 events
- Use RFID badge, RFID card or code
- Easy to add and remove users with the master card, RFID badge, RFID card or Thur Metall Access Software
- Free contact for external systems



Labelling system

Four steps to perfect labelling with THURScript

Using the advanced **THURScript** labelling system, all Thur Metall products and most partition materials can be simply and clearly labelled. The labelling software can be downloaded easily and free of charge from the Thur Metall website. The labels are specially designed to be used with the software and are available as A4 sheets. They can be used in all commercially available printers. As a result, the range of individual label designs is virtually unlimited.



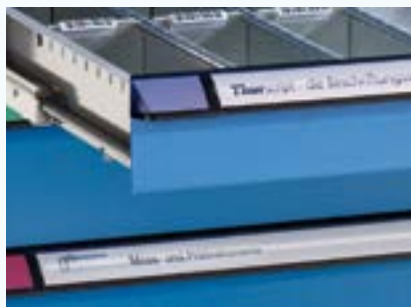
Step 1
Free download:
www.thurmetall.com/thurscript.php



Step 2
Design: design the label using **THURScript** labelling software.



Step 3
Print: Print the labels on **THURScript** labels and detach them in the desired size at the perforated points.



Step 4
Slide in: Take the viewing window out of the handle on the drawer and simply slide the label in sideways.

Benefits

- Very easy to create individual Thur Metall labels
- With text, colours, images and barcode generation
- Data import via database connection possible
- High flexibility thanks to various label sizes and perforated A4 sheets
- Printable on any commercially available printer

Available label formats

Article No.	Can be used for formats (W × H)	Suitable for
19.035.000	210 × 30 oder 70 × 30 mm	Classic TM drawer handle
80.325.000	47 × 12 mm, 76 Etiketten	Thur Script «Universal Parcel»
	47 × 18 mm, 52 Etiketten	
	27 × 12 mm, 133 Etiketten	
19.031.000	62 × 21,8 mm	Barcode holder

Barcode holder including protective shields for slotted partitions, metal separators and dividers

Holders for barcode labels, width 65 mm × height 25 mm, for slotting onto slotted partitions, metal separators and dividers. Description of barcode holder: sheet steel, bright galvanised, labels not included. Description of barcode protective shield: PVC plastic, transparent, **labels not included**.



Complementary products for your workspace



Powered compartmental locker

Charging point, valuables cabinet and personal locker.
Each compartment is equipped with a power module and socket.



Height **1795** × Width **8100** × Depth **582** mm

Description	Anschluss	Art. No.
8 compartments (2 × 4)	CH	53.068.+++
H 400 × W 400 × D 500 mm	DE/AT/NL	82.250.+++
Full sheet doors with cylinder lock	FR/BE	53.072.+++
Each compartment contains a double 230-volt socket	GB/IR	53.160.+++
Version without power supply		53.196.+++



Powered clothes locker

Height **1800** × Width **1200** × Depth **500** mm

Description	Power supply	Art. No.
4 compartments	CH	98.469.+++
	DE/AT/NL	98.470.+++
	FR/BE	98.471.+++
	GB/IR	98.472.+++
Version without power supply		97.624.+++



Headwear compartment
with built-in socket

Equipment per compartment

- High-quality steel plate construction
- Hinged doors mounted on the right with fulcrum pin
- Air vent at the top, bottom and rear panel of the housing cover
- Key Lock locking system
(locking system with padlock on request)
- Storage option according to DIN 4547-2011
- 1 headwear shelf with **built-in socket** in rear panel
- 1 clothes rack with 3 hooks
- 1 towel holder

Vertical pull-out cabinet

Perfect use of space – with just 0.7 m² floor space, enjoy up to 7 m² storage space. Cabinet housing with 3 vertical pull-outs.

Height **1950** × Width **1000** × Depth **695** mm

Description	Art. No.
With perforated panels and pull-outs, perforated panels can be used on both sides	85.714.+++

3 Auszüge B 307 mm



Pull-outs with perforated panels, Usable dimension per perforated panel side H 1700 × D 560

➔ **Tool holder for perforated rear panel**
see page 14

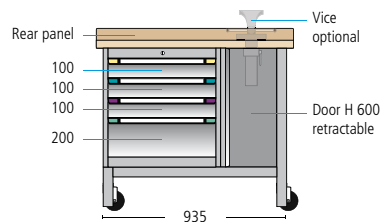


Mobile workbench

Maximum mobility and working surface stability thanks to stow-away travel unit. Also available with retractable vice.

Width **1000** × Depth **700** mm

Description	Top thickness mm	Height mm	Art. No.
Multiplex top	40	870/890	82.652.+++



Equipment

- 4 drawers, front heights: 3 × 100, 1 × 200 mm
- Useful area per drawer: 0.3 m², W 500 × D 600 mm
- Retractable door

Sliding-door cabinet

Perfect for small spaces, solid steel plate construction, galvanised shelf. Total load capacity: 500 kg.

Height **1950** mm

Option with central partition	Equipment	Art. No.
Width 1500 × Depth 580 mm	8 adjusting shelves 60 kg	58.782.+++
Width 2000 × Depth 580 mm	8 adjusting shelves 60 kg	58.782.+++



TM-Modular Modular storage system

Product video
at www.thurmetall.com



5 Modules for countless combinations

Thur Metall AG offers an individually combinable storage system with the TM modules. These are easy to expand and boast outstanding durability.



Accumulated expertise



All of our catalogues can be ordered from us as a hard copy and are available online in PDF format. You can find this on the media centre of our website, www.thurmetall.com.

Certified production



All Thur Metall products are manufactured according to the internationally recognised norms.



Certified to ISO 9001, 14001 and OHSAS 18001



Planning made simple



pCon.catalog is an online catalogue service that provides graphic product data and information.



The use of high-quality materials, state-of-the-art machine technology and environmentally sustainable production processes, ongoing quality control and a highly motivated team of employees guarantee durability in timeless design at an impressive price/performance ratio.

■ Quality

Thur Metall drawer cabinets, made from high-quality sheet steel, and matching workbenches are favourites for industry and commerce. Whether in a production hall or workshop, research laboratory, museum, hospital, small-parts storage area or in a showroom: Thur Metall shines wherever tools, stored goods and small parts need to be stored safely, compactly and systematically while remaining close at hand.

■ 5-year guarantee

You can rely on our quality products. So much so that we offer our customers a 5-year guarantee on all products in the TM range. Workbench tops and electronic parts come with a 1-year guarantee.

■ Certified production

Thur Metall products are manufactured according to the following norms:

ISO 9001:2008: quality management

ISO 14001:2004: environmental management system

OHSAS 18001:2007: occupational health and safety management system.

■ High-quality surfaces

using state-of-the-art powder coating technology for lasting resistance to abrasion.

All products with a choice of colours are available in **15 standard colours** and **2 colour combinations** without surcharge.

The three-digit colour code is part of the article number (e.g. **.876**). When ordering, always complete the article number by adding the required colour code (e.g. **82.034.876**).

Standard colours:

.875 Light blue NCS S 1060-R80 B	.966 Traffic yellow RAL 1023
.010 Pale blue RAL 5012	.240 Flame red RAL 3000
.876 Pigeon blue NCS S 4040-R70 B	.070 Ruby red RAL 3003
.170 Ultramarine blue RAL 5002	.110 Pure white RAL 9010
.210 Brilliant blue RAL 5007	.020 Pale grey RAL 7035
.220 Turquoise blue RAL 5018	.080 Dove grey NCS S 4502-B
.030 Reseda green RAL 6011	.200 Anthracite grey RAL 7016
	.060 Black NCS S 9000-N

Colour combinations:

.501 Housings/frames: Pigeon blue, NCS S 4040-R70 B Fronts/doors: Light blue, NCS S 1060-R80 B
.502 Housings/frames: Anthracite grey, RAL 7016 Fronts/doors: Pale grey, RAL 7035

Would you like even more individuality? Then simply create your own combination from two standard colours without surcharge. Additional colours available on request.

Only available from the specialist trade:

THURMETALL
Individualised as standard

Further attractive products
can be found on
www.thurmetall.com