Tobler®

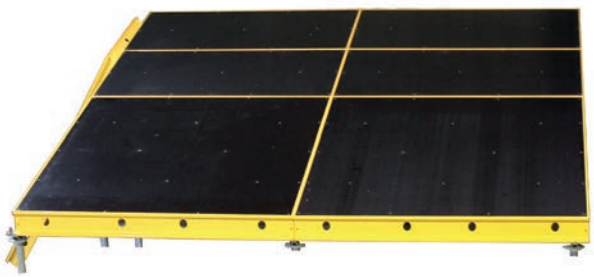
Tobler Deck Slab Formwork

- Mounting from below by just one person
- Maximum manufacturing precision for perfect joint alignment
- Great load-bearing capacity, up to 50 cm ceiling thickness
- Maximum efficiency in industrial and home building
- Powder-coated frame for unique longevity
- Minimum cleaning effort

Tobler Deck **Slab Formwork**

The lightweight among ceiling formwork solutions.

The lightest way to make slabs up to 50 cm



Unrivalled working pace

The aluminium panel measuring 180 × 180 cm (3.24 m² contact form area) is an absolute lightweight.

Weighing just 45 kg, it enables a consistently brisk working speed – and thus unique cost effectiveness.

Ideal results

Dimensional precision ensures exact positioning and perfect joint pattern.

The 180 × 180 cm format is recommended for shuttering larger areas. This allows to realize slab thicknesses of up to 50 cm.

Hook on – swivel – prop

Once mounted, the formwork element holds all by itself in the Tobler Flex bearing. Time can be used to get further props.

A light aluminium rod with a non-slip base is used to swivel the panel to the horizontal position and to secure it temporarily. The rod fits into every Tobler Deck panel.

Tobler Deck **Slab Formwork**

For maximum operating time.

More efficiency in continuous operation

Powder coating with multiple benefits

The powder-coated frame guarantees a long service life. The extremely robust and protected formlining ensures exceptionally long service lives without refurbishment. More information on formlining can be found in our Tobler Flex catalogue.

The powder coating necessitates only minimal cleaning, as adherence of concrete is minimized by the coating.

Ergonomically shaped

Thanks to the optimised ergonomics of the formwork panels and props, the Tobler Deck system is extremely pleasant to handle.

The panels can also be perfectly stacked.
For safe transport, we can also supply matching edge protectors.

The right element for every geometry

In addition to the standard formats, custom sizes can also be ordered. Take profit from Tobler's flexibility and customer focus.

Standard lengths: 90 | 180 cm

Standard widths:

45 | 60 | 75 | 90 | 180 cm

Flexible formwork elements:
55 – 90 × 90 cm | 55 – 90 × 180 cm

Tobler Deck **Slab Formwork**

The elements in all sizes.

Alu Deck Panel

- With phenolic resin plates

Article no.	Length	Width	Weight
99-112180-3	180 cm	180 cm	45.4 kg
99-112120-3	180 cm	120 cm	35,3 kg
99-111120-3	120 cm	120 cm	9,5 kg
99-112090-3	180 cm	90 cm	21.3 kg
99-112075-3	180 cm	75 cm	18.7 kg
99-112060-3	180 cm	60 cm	16.2 kg
99-112045-3	180 cm	45 cm	13.7 kg
99-113090-3	90 cm	90 cm	11.8 kg
99-113075-3	90 cm	75 cm	10.3 kg
99-113060-3	90 cm	60 cm	8.9 kg
99-113045-3	90 cm	45 cm	7.4 kg

99-112180-3

99-112075-3

99-113075-3

- With Alkus plates

Article no.	Length	Width	Weight
99-112180-2	180 cm	180 cm	49.1 kg
99-112120-2	180 cm	120 cm	40.5 kg
99-111120-2	120 cm	120 cm	13.2 kg
99-112090-2	180 cm	90 cm	23.1 kg
99-112075-2	180 cm	75 cm	20.3 kg
99-112060-2	180 cm	60 cm	17.6 kg
99-112045-2	180 cm	45 cm	14.8 kg
99-113090-2	90 cm	90 cm	12.8 kg
99-113075-2	90 cm	75 cm	11.2 kg
99-113060-2	90 cm	60 cm	9.6 kg
99-113045-2	90 cm	45 cm	8.0 kg

99-112180-2

99-112075-2

99-113075-2

On request, the frame elements can be ordered in your company colours.

Tobler Deck **Slab Formwork**

Adjustable panels for maximum flexibility.

Adjustable Panel

- With phenolic resin plates

Article no.	Length	Width	Weight
99-122090-3	180 cm	55 – 90 cm	24.2 kg
99-123090-3	90 cm	55 – 90 cm	15.0 kg

- With Alkus plates

Article no.	Length	Width	Weight
99-122090-2	180 cm	55 – 90 cm	26.3 kg
99-123090-2	90 cm	55 – 90 cm	16.4 kg

99-123090-3 99-122090-3

99-123090-2 99-122090-2

DIN 18202 – Bending according to table

180 × 180 cm without central support

Slab thickness (cm)	15	17,5	20	22,5	25	27,5	30	32,5	35	37,5	40
Load per prop (kN)	17,5	19,5	21,6	23,6	25,6	27,6	29,7	31,9	34,1	36,3	38,6

180 × 180 cm with central support

Slab thickness (cm)	15	17,5	20	22,5	25	27,5	30	32,5	35	37,5	40	42,5	45	47,5	50
Load per prop (kN)	9,0	10,0	11,0	12,0	13,1	14,1	15,1	16,2	17,3	18,4	19,5	20,6	21,8	22,9	24,0

180 × 120 cm without central support

Slab thickness (cm)	15	17,5	20	22,5	25	27,5	30	32,5	35	37,5	40
Load per prop (kN)	11,8	13,2	14,5	15,9	17,2	18,6	19,9	21,4	22,9	24,4	25,9

180 × 120 cm with central support

Slab thickness (cm)	15	17,5	20	22,5	25	27,5	30	32,5	35	37,5	40	42,5	45	47,5	50
Load per prop (kN)	6,2	6,8	7,5	8,2	8,9	9,5	10,2	10,9	11,6	12,2	12,9	13,6	14,3	14,9	15,6

180 × 90 cm

Slab thickness (cm)	15	17,5	20	22,5	25	27,5	30	32,5	35	37,5	40	42,5	45	47,5	50
Load per prop (kN)	9,0	10,0	11,0	12,0	13,1	14,1	15,1	16,2	17,3	18,4	19,5	20,6	21,8	22,9	24,0

Tobler Deck **Slab Formwork**

The accessories.

Alu Deck Bearing

- Not suitable for use in the inner corner of a wall.

Article no.	Height	Weight	Payload
99-250020	36,8 cm	2,3 kg	40 kN

99-250020

Edge Support N

- Edge bearing N can be used for floor thicknesses of up to 50 cm due to the reduced load-bearing surface when used at the edge

Article no.	Height	Weight	Payload
99-250100	36,8 cm	1,6 kg	21,60 kN

99-250100

Bearing for Railing

- The guardrail system is attached to the tubular steel column. The posts and protective guardrails are to be ordered separately.

Article no.	Height	Weight	Payload
99-250005	56,3 cm	2,9 kg	15,90 kN

99-250005

Deck Alu Drophead

- Enables earlier removal of the formwork for the elements while simultaneously supporting the slab

Article no.	Height	Weight	Payload
99-250025	73,2 cm	2,3 kg	40 kN

99-250025

Bolts for Deck

- serves exclusively as a failsafe

Article no.	Diameter	Weight
99-250014	15 × 86 mm	0,2 kg

99-250014

- flat-bottomed

Article no.	Diameter	Weight
99-251012	12 × 86 mm	0,2 kg

99-250016

Tobler Deck **Slab Formwork**

The accessories.

Props Class D and E

- Steel galvanized
- including foot reinforcement

Article no.	Designation	Extension length prop	Weight	Load capacity
84-F-220250	D 25	150 – 250 cm	11,80 kg	20 kN
84-F-220300	D 30	180 – 300 cm	15,25 kg	20 kN
84-F-220350	D 35	200 – 350 cm	19,80 kg	20 kN
84-F-220400	D 40	230 – 400 cm	22,40 kg	20 kN
84-F-220450	D 45	270 – 450 cm	27,40 kg	20 kN
84-F-220550	D 55	310 – 550 cm	36,60 kg	20 kN
84-F-230300	E 30	180 – 300 cm	18,00 kg	30 kN
84-F-230350	E 35	200 – 350 cm	21,60 kg	30 kN
84-F-230450	E 40	270 – 450 cm	27,40 kg	30 kN

84-F-220250 – 84 F-230450

Securing device for props

- secures floor props against falling over

Article no.	Length	Weight
99-250015	3,2 cm	0,13 kg

99-250015

Four way head

- Steel hot-dip galvanized

Article no.	Designation	Weight
84-F-210026	mit 26 mm Rohr	2,4 kg
84-F-210038	mit 38 mm Rohr	2,4 kg

84-F-210026

Univers tripod

- Steel hot-dip galvanized
- compatible with all props

Article no.	Height	Prop diameter	Weight
84-F-210012	86 cm	57 – 90 mm	8,5 kg

84-F-210012

Tobler Deck **Slab Formwork**

The accessories.

Distance bar

- Aluminium

Article no.	Length	Weight	Height
99-213090	90 cm	3,3 kg	27 mm
99-213091	90 cm	3,4 kg	21 mm
99-213180	180 cm	6,6 kg	27 mm
99-213181	180 cm	6,9 kg	21 mm

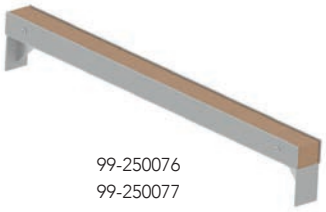
99-213090

99-213180

Crossbeam

- with nail strip
- can be used for 900 mm wide compensations

Article no.	Length	Weight	Height
99-250076	76 cm	3,5 kg	27 mm
99-250077	76 cm	4,3 kg	21 mm



99-250076
99-250077

Head support shoe

- Steel hot-dip galvanized

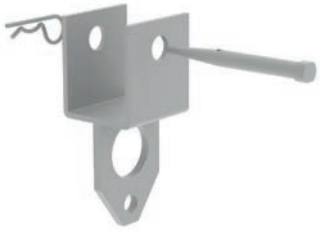
Article no.	Length	Weight	Height
99-250010	17 cm	0,6 kg	27 mm
99-250011	17 cm	0,6 kg	21 mm

99-250010

Panel stabilization

- incl. bolt and spring cotter

Article no.	Length	Weight
99-250050	18 cm	1,0 kg



99-250050

Cover bar

Article no.	Length	Weight
99-312180	180 cm	0,7 kg

99-312180

Tobler Deck **Slab Formwork**

The accessories.

Alu Rod 365

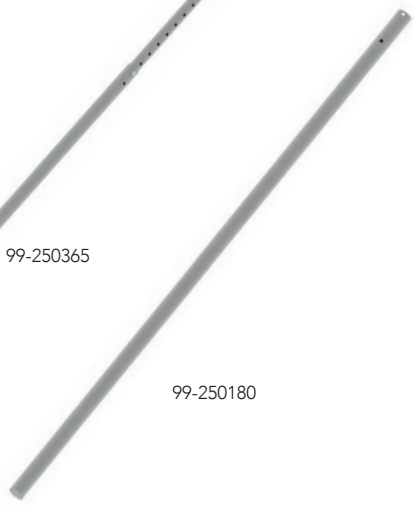
- for formwork and removal of the elements up to a room height of 3.50 m

Article no.	Telescopic length	Weight
99-250365	2,05 – 3,65 m	3,0 kg

99-250365

Alu Rod extension

Article no.	Length	Weight
99-250180	180 cm	1,4 kg



99-250180

Head Railing Shoe

- Enables a guardrail post connection for side protection before the element is swung up.
- Up to 30 cm slab height it can absorb the loads from the front barrier

Article no.	Height	Weight
99-250029	29,0 cm	3,5 kg

99-250029

Railing post

- incl. footrest holdersr

Article no.	Height	Weight
99-250120	120 cm	3,5 kg

99-250120

Stacking angle

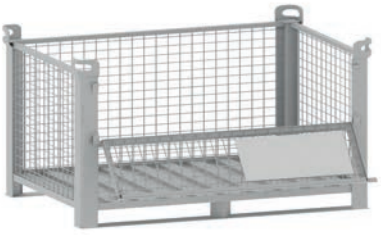
Article no.	Height	Weight
99-250012	125 cm	8,7 kg

99-250012

Lattice box with folding

- 4 pcs. stackable

Article no.	Length	Width	Height	Load capacity
B-210060	60 cm	80 cm	50 cm	2,0 t
B-210120	120 cm	80 cm	80 cm	2,0 t



B-210120

Tobler Deck **Slab Formwork**

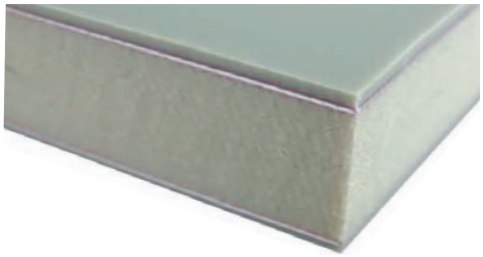
Phenolic resin formwork panels.

The high-quality phenolic resin panel

- High wear resistance
- No chipping or splintering when nailing
- Faster cleaning
- High abrasion resistance
- Resistant to water and the elements
- Recyclable
- Easy to nail
- Excellent chemical resistance
- Lower specific weight 6.8 kg/m²

Article no.	Description	Length	Width	Weight
99-512180-3	Phenolic resin panel 180 × 180 cm	1778 mm	1781.6 mm	21.5 kg
99-512090-3	Phenolic resin panel 180 × 90 cm	1781.6 mm	881.6 mm	10.7 kg
99-512075-3	Phenolic resin panel 180 × 75 cm	1781.6 mm	731.6 mm	8.9 kg
99-512060-3	Phenolic resin panel 180 × 60 cm	1781.6 mm	581.6 mm	7.0 kg
99-512045-3	Phenolic resin panel 180 × 45 cm	1781.6 mm	431.6 mm	5.2 kg
99-513090-3	Phenolic resin panel 90 × 90 cm	881.6 mm	881.6 mm	5.3 kg
99-513075-3	Phenolic resin panel 90 × 75 cm	881.6 mm	731.6 mm	4.4 kg
99-513060-3	Phenolic resin panel 90 × 60 cm	881.6 mm	581.6 mm	3.5 kg
99-513045-3	Phenolic resin panel 90 × 45 cm	881.6 mm	431.6 mm	2.6 kg
99-522090-3	Phenolic resin panel 180 × 55 – 90 cm	1781.6 mm	478.7 mm	5.8 kg
99-523090-3	Phenolic resin panel 90 × 55 – 90 cm	881.6 mm	478.7 mm	2.9 kg

Solid polypropylene plates reinforced with aluminum



- Up to 1,000 uses; (20 × more than many wooden panels, 4 × more than most plastic panels)
- Almost flat element alignments and consistent concrete surfaces in exposed concrete quality
- Surface is not affected by sunlight and does not discolour the concrete wall
- Maximum bending/shaping ability and strong resistance
- 100 % waterproof, not affected by hydrolysis
- Surface stays smooth, no rippling
- Retains technical properties even after long-life repair
- Can be nailed / screwed / sawn
- Quick and easy cleaning with high pressure resistance up to 1,000 bar
- 7 years' long-life guarantee
- 100 % recyclable

Article no.	Description	Length	Width	Weight
99-512180-2	Alkus panel 180 × 180 cm	1782 mm	1785.6 mm	29.9 kg
99-512090-2	Alkus panel 180 × 90 cm	1785.6 mm	885.6 mm	14.9 kg
99-512075-2	Alkus panel 180 × 75 cm	1785.6 mm	735.6 mm	12.3 kg
99-512060-2	Alkus panel 180 × 60 cm	1785.6 mm	585.6 mm	9.8 kg
99-512045-2	Alkus panel 180 × 45 cm	1785.6 mm	435.6 mm	7.3 kg
99-513090-2	Alkus panel 90 × 90 cm	885.6 mm	885.6 mm	7.4 kg
99-513075-2	Alkus panel 90 × 75 cm	885.6 mm	735.6 mm	6.1 kg
99-513060-2	Alkus panel 90 × 60 cm	885.6 mm	585.6 mm	4.9 kg
99-513045-2	Alkus panel 90 × 45 cm	885.6 mm	435.6 mm	3.6 kg
99-522090-2	Alkus panel 180 × 55 – 90 cm	1782 mm	482.6 mm	8.1 kg
99-523090-2	Alkus panel 90 × 55 – 90 cm	885.6 mm	482.6 mm	4.0 kg

Tobler Deck **Slab Formwork**

Our services.

Tobler Care – formwork renovation

Full renovation in Swiss quality

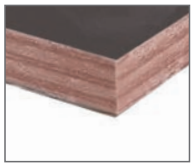
Regular cleaning and maintenance is essential for the long-term preservation of the formwork material and high-quality results. We offer renovation of all common formwork systems. It includes:
Removal of plates, cleaning of profiles with up to 1,000 bar water pressure and removal of concrete residues. Covering of the frames with the desired plate (phenolic resin, plastic coating, Alkus) and subsequent sealing with high-quality joint sealant.

Your benefits

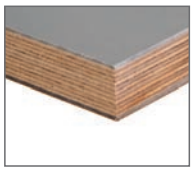
- Save time and money with an extended life for your formwork system
- Competent inspection and assessment of your formwork elements by professionals
- Crediting of residual value when trading in «old for new»
- Full renovation in Switzerland
- Guarantee of professional renovation

Our services

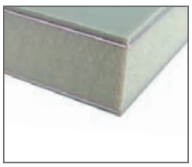
- Removal of plates
- Cleaning of the formwork profiles
- Installation of your choice of new formlining
- Supply of replacement plates of all commercially available types, including accessories
- Frame repair



Tobler Top phenolic resin



Tobler Top Strato Stock



Tobler Top alkus

System replacement «new for old»

We offer the option to sell us your used or no longer cost-effective formwork and scaffolding systems and exchange them for new material. Our product range includes formwork and scaffolding systems from all common manufacturers.

Our expert advisers are your competent contacts for a system replacement.

Tobler Deck **Slab Formwork**

Maximum speed with great flexibility.

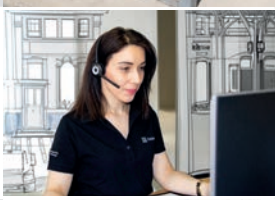
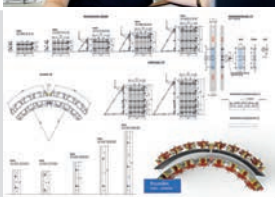
MATO Scaffoldings

Efficiency. Flexibility. Safety.

Facade scaffoldings	**MATO** 1 **MATO** 2	**MATO** 53 CK **MATO** 54 Lay **MATO** 62 Ple **MATO** 65 Hün compatible with your existing scaffolding	
All-in-one scaffolding system	**MATO** 3 **MATO** 8	**MATO** Connect Road Bridge **MATO** Connect Bridge Beam	
Roof systems	**MATO** Pro	**MATO** Pro Anti-fall protection **MATO** Pro Temporary roof systems **MATO** Pro Walkway roofing	
Mobile scaffoldings	**MATO** R	**MATO** R Profi **MATO** R Pro **MATO** R Eco **MATO** R One man tower	
Work scaffolding on construction sites	**MATO** T	**MATO** T Stair towers **MATO** T Cable bridges **MATO** T Ramps for site access **MATO** T Scaffoldings for Concreting and Reinforcement	
Events	**MATO** E	**MATO** E Stages & Tribunes **MATO** E Event-Service / Support **MATO** E R & D	
Accessories	**MATO** Z	**MATO** Z Scaffolding accessories **MATO** S Safety accessories **MATO** B Construction devices **Tobler** Logistics	
Storage solutions	**Tobler** Storage	**Tobler** Cantilever Shelving **Tobler** Pallet Shelving **Tobler** Floor Special Shelving **Tobler** Box Lattice and steel boxes **Tobler** Rack Pallets and Racks	
Services	**Tobler** Services	R & D / Static calculations / CAD / Trainings / Customer solutions / Customized Solutions / Finance and Consulting Second hand / Trade-in old for new	

Tobler Formwork

Enjoying industrialized construction.

Wall formwork	**Tobler** Wall	**Tobler** Top **Tobler** Manu Master Pro (Ringer) Master Steel / Alu (Ringer) System 2000 Steel / Alu (Ringer)	
Slab formwork	**Tobler** Sky	**Tobler** Deck **Tobler** Desk Slab table / Kart **Tobler** Flex AluDEK (Ringer) DEKplus Slab table (Ringer)	
Individual formwork	**Tobler** I	**Tobler** Rex Girder wall formwork **Tobler** Varia Circular formwork **Tobler** Project Special formwork	
Shoring systems	**Tobler** H	**Tobler** Tower Heavy-Duty Props **Tobler** T22 Load-bearing system	
Work scaffolding on construction sites	**MATO** T	**MATO** T Reinforcement scaffolding **MATO** T Ramps for site access, **MATO** T Towers / Cable bridges **MATO** R Pro / Eco **MATO** R One Man Tower	
Engineering	**Tobler** Kit	**MATO** 3 **MATO** 8 **MATO** Connect Road Bridge **MATO** Connect Bridge Beam	
Accessories	**Tobler** Accessories	**Tobler** Formwork accessories **Tobler** Construction devices **Tobler** Logistics **Tobler** Storage solutions	
Services	**Tobler** Services	**Tobler** Rent **Tobler** ForU **Tobler** Care **Tobler** Revalued	
Digital services	**my Tobler**	**Tobler** Formwork planner **Tobler** Engineering	

Tobler

First-class customer service.

At home in Switzerland – anchored in Europe

We are constantly driving forward the internationalisation of our product range.

Order & advice

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+41 71 886 06 37

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« Our practical, flexible, and highly robust Tobler Deck slab formwork is extremely cost-effective and fun to use right from the beginning. »

Raphael Helfenstein
Sales and customer support formworking

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Tobler®