Timron

formwork systems for concrete building

Simply perfect!

www.timron.de

the perfect reusable formwork

NEW

formwork element SE

advantages

- quick and effective shuttering and striking in less than 10 minutes per door
- savings in labor costs of up to 80 %
- rectangular and vertical reveals faultless and quick assembly possible even for non-professional workers
- makes taking wrong measures impossible
- no tools required
- no wood needed and therefore cost saving and eco-friendly
- extremely accurate high-quality product which is very stable in its form
- extremely accurate high-quality product which is very stable in its form
- the TIMRON formwork elements have been developed according to a modular system and are therefore compatible with each other

characteristics

- door heights can be flexibly adjusted from 200 to 250 cm via a telescope mechanism
- standard door widths: 88.5 / 101 / 113.5 / 126 cm on stock (special widths enabled by the multi element, see page 4+5)
- wall thickness: 20 / 24 / 25 cm
- light-weight formwork elements made from highly-durable aluminum
- all parts are powder-coated
- all parts are clearly labelled
- applicable with every panel formwork
- quick identification of the wall thickness by using different colours

wall thickness: 20 cm | 24 cm | 25 cm

***please notice:** the bracing of the formwork has to be adjusted for each construction site and the responsibility for correct bracing lies with the corresponding user! Please follow the instructions on the AuVs (assembly instruction and user manual)!

door formwork with quick element FE and multi strut MS

corner wedge system SEK

for quick and easy shuttering and striking

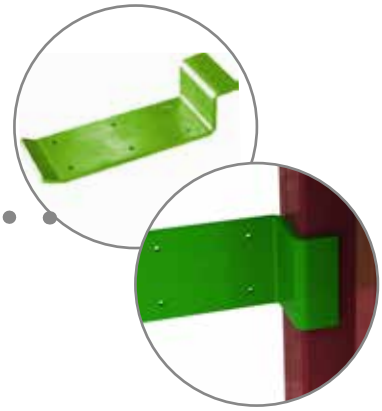
fix element FE*

fix element for door widths:
88.5 cm, 101 cm, 113.5 cm and 126 cm

NEW

fixing aid FX

for fixation of the door formwork at the panel formwork



carrying handles

directly welded onto the formwork for optimal handling

formwork clamp

quick, firm and reliable connection of the formwork elements – has been approved a million times

telescope mechanism

for flexible adjustment of the door height from 200 to 250 cm

NEW

strut coupler KP

for quick and easy fixation of the multi strut MS

NEW

multi strut MS

with suspension strut and dywidag thread for continuously variable length adjustment – enables quick and safe fixation (withstanding push and pull)

the multi element ME
precise and flexible in use

NEW

ME 126
88,5 - 126 cm

ME 190
126 - 190 cm

advantages

- quick and effective shuttering and striking
- high savings in labor costs
- rectangular and vertical reveals
- extremely accurate high-quality product which is very stable in its form
- faultless and quick assembly possible even for non-professional workers
- the TIMRON formwork elements have been developed according to a modular system and are therefore compatible with each other

characteristics

- every width and height possible from 86 to 190 cm
- wall thickness: 20 / 24 / 25 cm
- light-weight formwork elements made from highly-durable aluminum
- all parts are powder-coated
- all parts are clearly labelled
- applicable with every panel formwork
- quick identification of the wall thickness by using different colours

wall thickness: 20 cm | 24 cm | 25 cm

***please notice:** the bracing of the formwork has to be adjusted for each construction site and the responsibility for correct bracing lies with the corresponding user! Please follow the instructions on the AuVs (assembly instruction and user manual)!

door formwork with multi element ME and multi strut MS

corner wedge system SEK

for quick and easy shuttering and striking

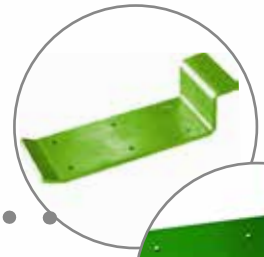
multi-element ME*

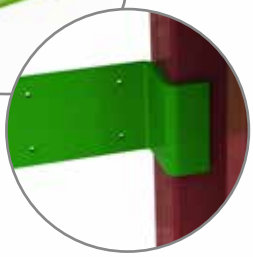
can be used for widths from 88,5 cm up to 190 cm

NEW

fixing aid FX

for fixation of the door formwork at the panel formwork





carrying handles

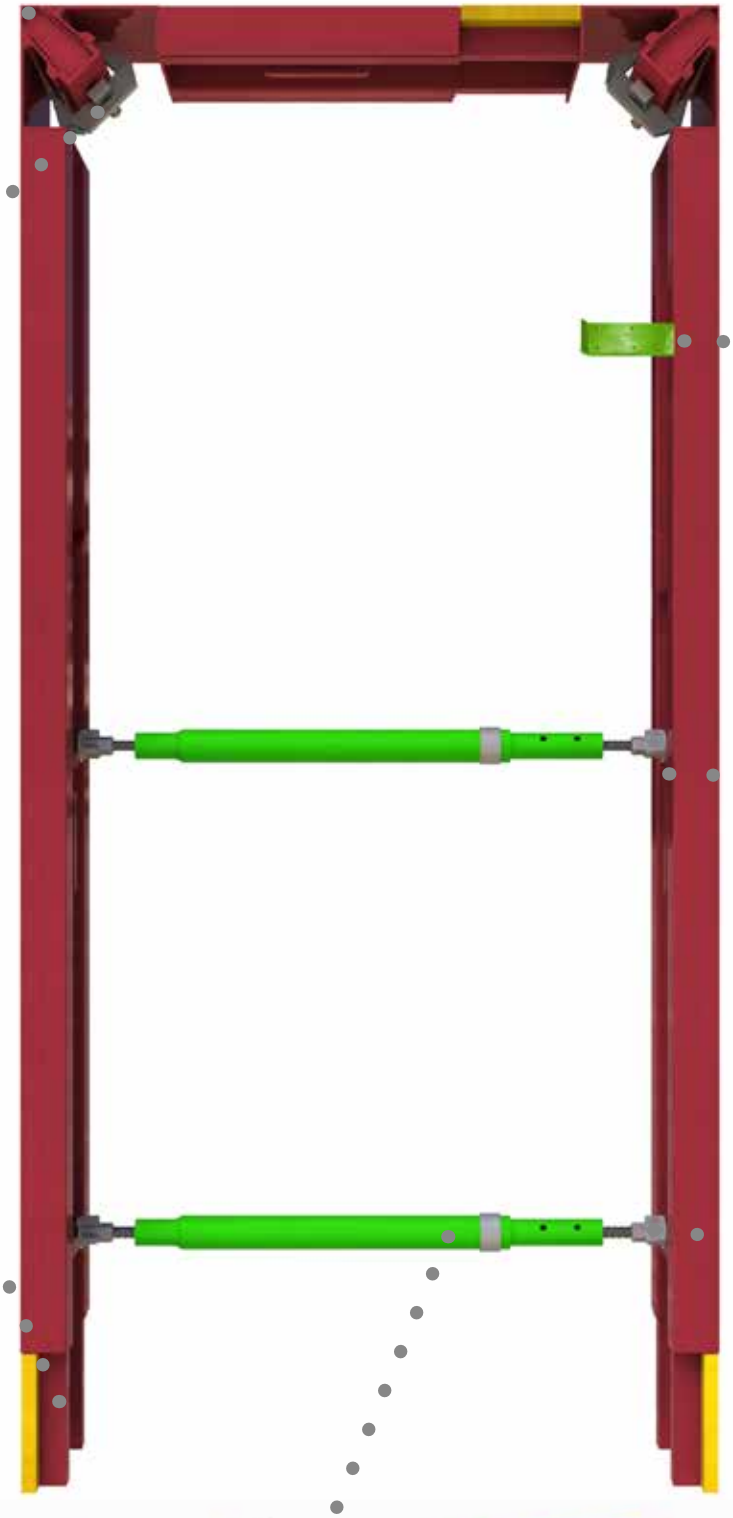
directly welded onto the formwork for optimal handling

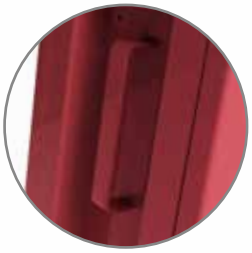
formwork clamp

quick, firm and reliable connection oft he formwork elements – has been approved a million times

telescope mechanism

for flexible adjustment of the door height from 200 to 250 cm





NEW

strut coupler KP

for quick and easy fixation of the multi strut MS

NEW

multi strut MS

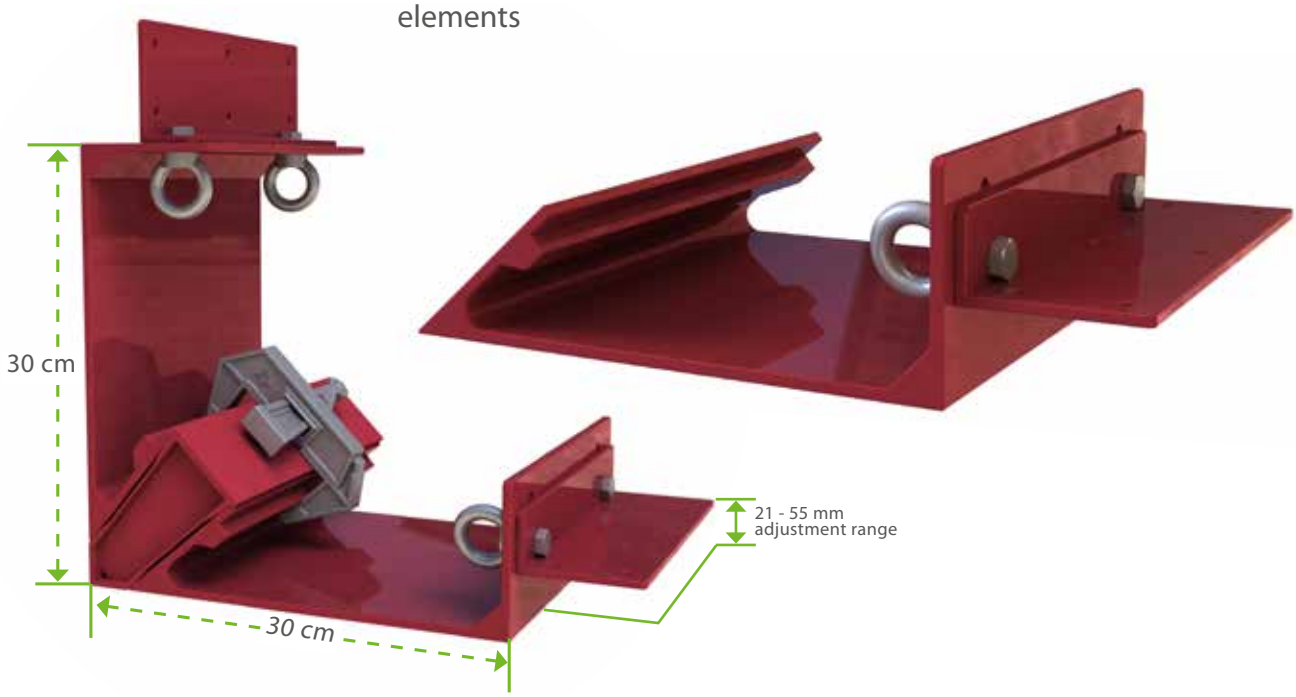
with suspension strut and dywidag thread for continuously variable length adjustment – enables quick and safe fixation (withstanding push and pull)

a maximum of flexibility regarding door widths with the vario element VE

NEW

the vario element VE*

- quick and effective shuttering and striking for all recess widths
- used for recesses within walls and ceilings adjustable from 75 to 300 cm
- length adjustment via formwork panels, multilayer boards or planks
- range of the formwork shell from 21 to 55 mm without additional tools (ring nut)
- tube filling possible for wide apertures
- quick identification of the wall thickness by using different colours: 20 cm | 24 cm | 25 cm | 30 cm (special productions are possible)
- the TIMRON vario element VE has been developed according to a modular system and is therefore compatible to other elements



***please notice:** the bracing of the formwork has to be adjusted for each construction site and the responsibility for correct bracing lies with the corresponding user! Please follow the instructions on the AuVs (assembly instruction and user manual)!

door formwork with the vario element VE and the multi strut MS

corner wedge system SEK

for quick and easy shuttering and striking

vario element VE*

maximum flexibility

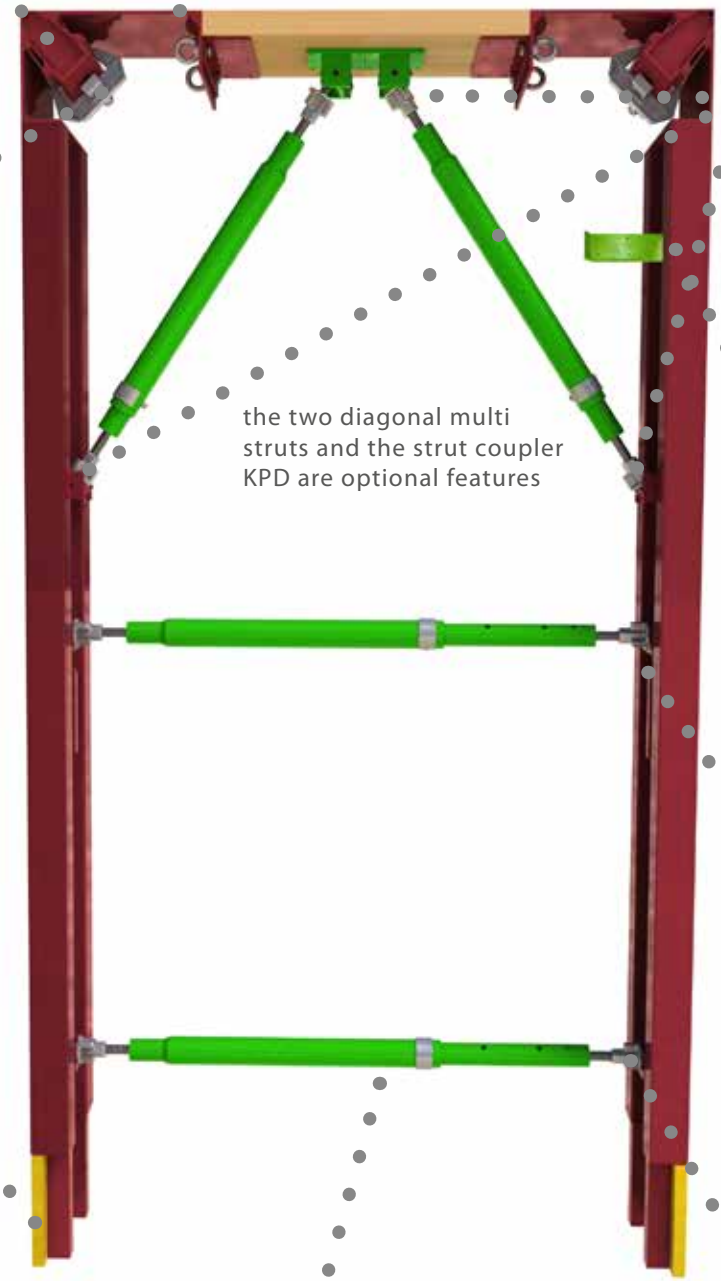
NEW

strut coupler rotate KPD

rotatable for quick and easy fixation of the diagonal multi strut MS

formwork clamp

quick, firm and reliable connection oft he formwork elements – has been approved a million times



the two diagonal multi struts and the strut coupler KPD are optional features

fixing aid FX

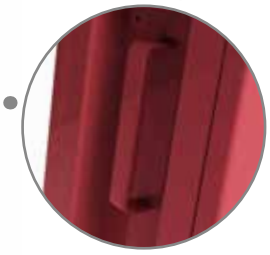
for fixation of the door formwork at the panel formwork

carrying handles

directly welded onto the formwork for optimal handling

telescope mechanism

for flexible adjustment of the door height from 200 to 250 cm



NEW

strut coupler KP

for quick and easy fixation of the multi strut MS

NEW

multi strut MS

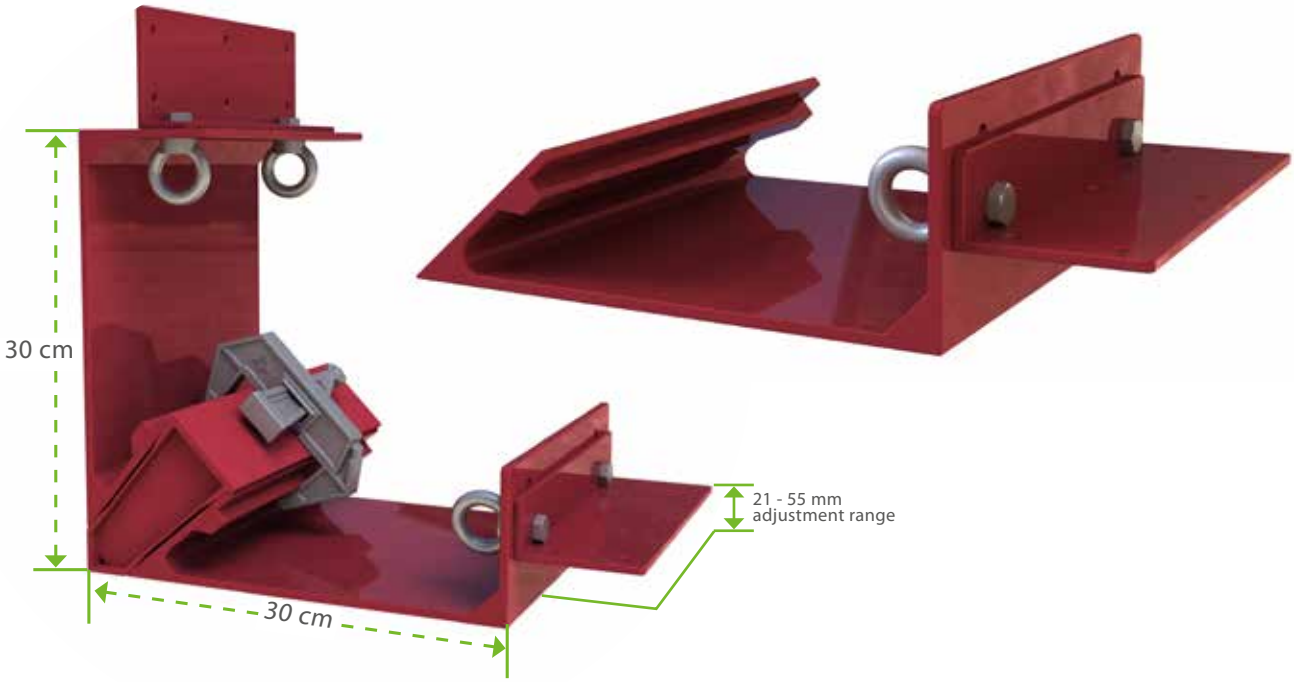
with suspension strut and dywidag thread for continuously variable length adjustment – enables quick and safe fixation (withstanding push and pull)

the perfect window formwork with the vario element VE

NEW

the vario element VE*

- quick and effective shuttering and striking for all recess widths
- used for recesses within walls and ceilings adjustable from 75 to 300 cm
- length adjustment via formwork panels, multilayer boards or planks
- range of the formwork shell from 21 to 55 mm without additional tools (ring nut)
- tube filling possible for wide apertures
- quick identification of the wall thickness by using different colours: 20 cm 24 cm 25 cm 30 cm (special productions are possible)
- the TIMRON vario element VE has been developed according to a modular system and is therefore compatible to other elements

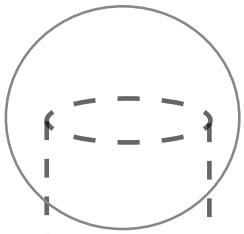


***please notice:** the bracing of the formwork has to be adjusted for each construction site and the responsibility for correct bracing lies with the corresponding user! Please follow the instructions on the AuVs (assembly instruction and user manual)!

window formwork with the vario element VE

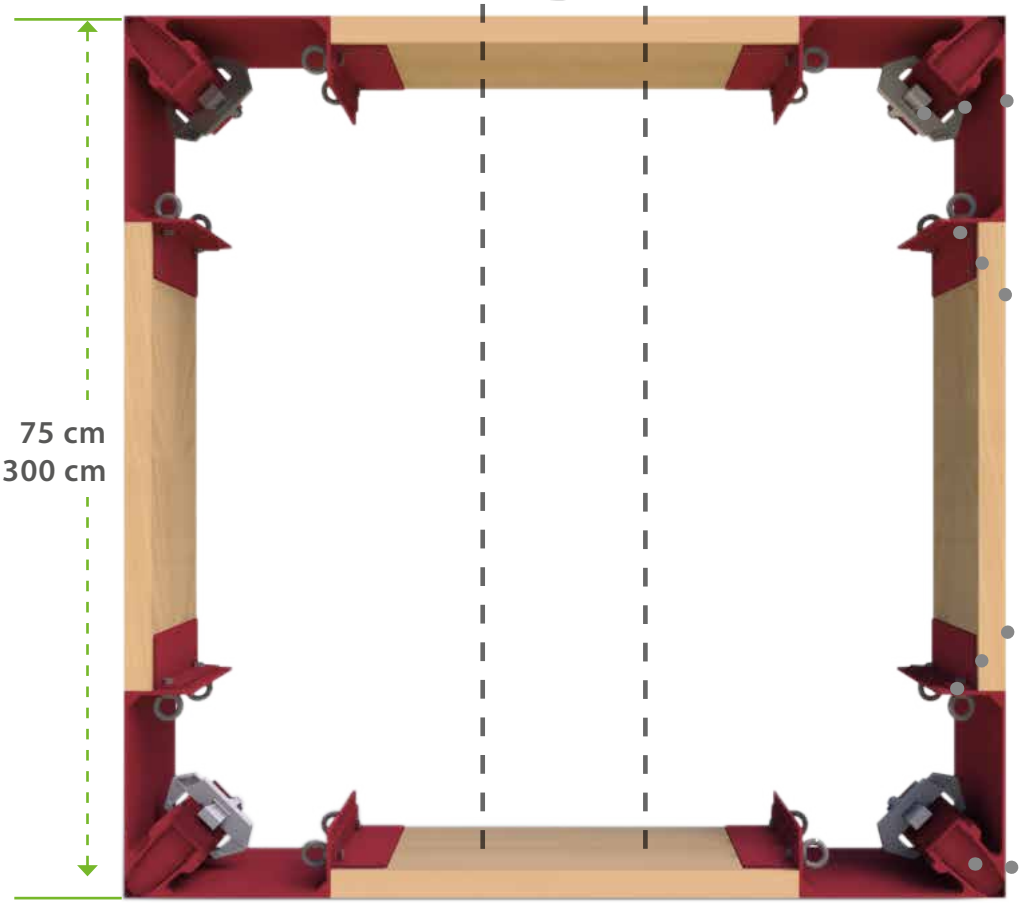
NEW

tube filling possible for wide apertures

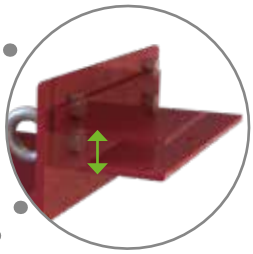


formwork clamp

verbindet Schaquick, firm and reliable connection oft he formwork elements – has been approved a million times

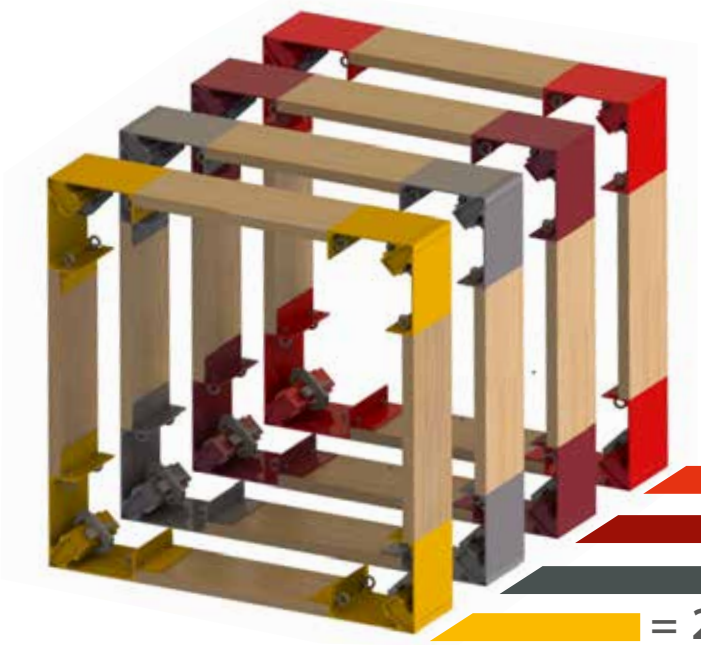


adjustment range of the formwork shell: 21 to 55 mm



corner wedge system SEK

for quick and easy shuttering and striking



quick identification of the wall thickness by using different colours:

= 30 cm
= 25 cm
= 24 cm
= 20 cm

a maximum of efficiency with the multi strut MS

multi strut MS

multi strut MS-130
adjustment range: 88,5 – 130 cm

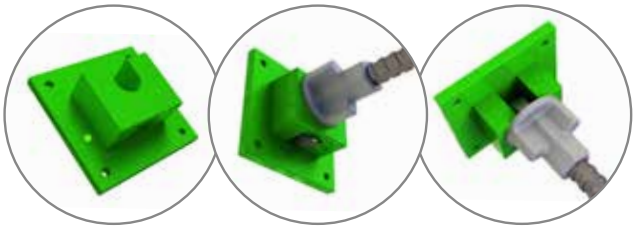
multi strut MS-190
adjustment range: 130 – 190 cm

multi strut MS-300
adjustment range: 190 – 300 cm

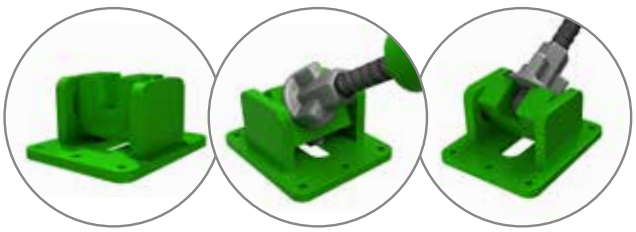
- the multi strut MS consists of two interconnected aluminium tubes, suspension strut and dywidag thread with flanged wing nut
- is used to brace the TIMRON formwork
- length adjustement by turning the strut
- very quick and easy handling by mounting at the fixation points
- ensures secure hold and connection of the formwork elements
- the multi strut easily withstands push and pull
- made from aluminium

strut coupler KP/strut coupler rotate KPD

strut coupler KP



strut coupler rotate KPD



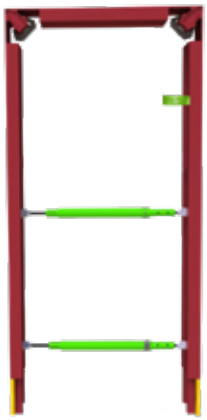
- quick and easy fixation of the multi strut MS
- on each formwork element of the door formwork you can find 4 strut coupler KP for the two horizontal multi struts
- In addition you can find a rotatably mounted strut coupler rotate KPD in order to enable a diagonal bracing with the multi and vario elements of the door formwork
- strut coupler KP and strut coupler rotate KPD can be mounted arbitrarily onto the formlining
- made from aluminium

***please notice:** the bracing of the formwork has to be adjusted for each construction site and the responsibility for correct bracing lies with the corresponding user! Please follow the instructions on the AuVs (assembly instruction and user manual)!

the TIMRON modular formwork system at a glance

door formwork
with fix element FE*

for door widths: 88,5 / 101 / 113,5 / 126 cm



list of articles:

2 x formwork element SE
1 x fix element FE*
2 x corner wedge system SEK
2 x formwork clamp
2 x multi strut MS
1 x fixing aid

door formwork
with multi element ME*

for door widths from 88.5 to 126 cm

list of articles:

2 x formwork element SE
1 x multi element ME*
2 x corner wedge system SEK
2 x formwork clamp
2 x multi strut MS
1 x fixing aid

door formwork
with vario element VE*

for door widths from 88.5 to 126 cm

list of articles:

2 x formwork element SE
2 x vario element VE*
2 x corner wedge system SEK
2 x formwork clamp
4 x multi strut MS
4 x strut coupler rotate KPD
1 x fixation aid

door formwork
with vario element VE*

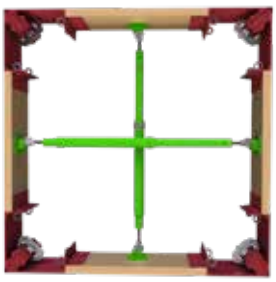
for door widths from 88.5 to 126 cm

list of articles:

4 x vario element VE*
2 x corner wedge system SEK
2 x formwork clamp
3 x multi strut MS
6 x strut coupler KP
1 x multi angle

window formwork
with vario element VE*

for recesses from 75 to 300 cm



list of articles:

8 x vario element VE*
4 x corner wedge system SEK
4 x formwork clamp
2 x multi strut MS
4 x strut coupler KP
1 x multi angle

recess formwork
with the mini-vario-element MVE*

for recesses from 28 to 300 cm

list of articles:

4 x mini-vario-element MVE*
2 x corner wedge system SEK
2 x formwork clamp

***please notice:** the bracing of the formwork has to be adjusted for each construction site and the responsibility for correct bracing lies with the corresponding user! Please follow the instructions on the AuVs (assembly instruction and user manual)!

quick and easy shuttering and striking with the mini-vario-element MVE

NEW

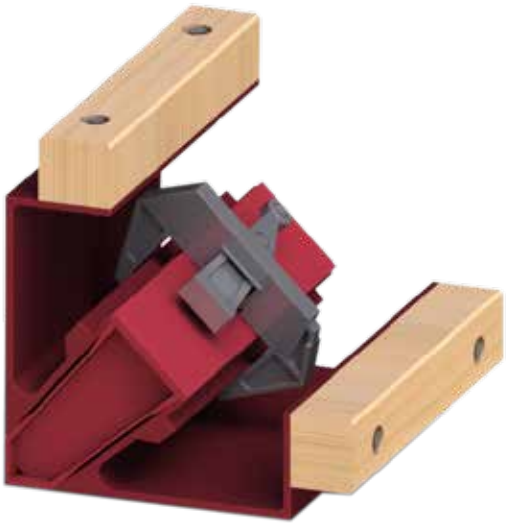
for quick and easy shuttering and striking of recurring small recesses

mini-vario-element MVE*

Formwork made from wood for small recesses for concrete construction are costly to produce and moreover the usage is very laborious as they cannot be reused often. Our new mini-vario-element meets exactly those requirements.

Recesses in the floor, the ceiling and the walls can be built with the mini-vario-element which can be easily reused afterwards.

Two mini-vario-elements MVE are connected via the corner wedge system SEK and a formwork clamp. In order to connect the two corner elements you can use a wooden formwork panel and mount it onto the wood on the formwork. This forms a rectangular recess. Depending on the length of the mounted wooden formwork panel, the shape of the recess can be adjusted.



By releasing the formwork clamp with a slight hammer stroke and take out the corner wedge system, there is enough space to take out the two formwork elements which can then easily be reused.

The mini-vario-element is part of our TIMRON modular system and therefore is compatible with alll other elements of the TIMRON formwork system.

The size of the recess can vary from 24 x 28 up to 300 x 300 cm.

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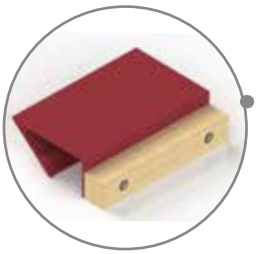
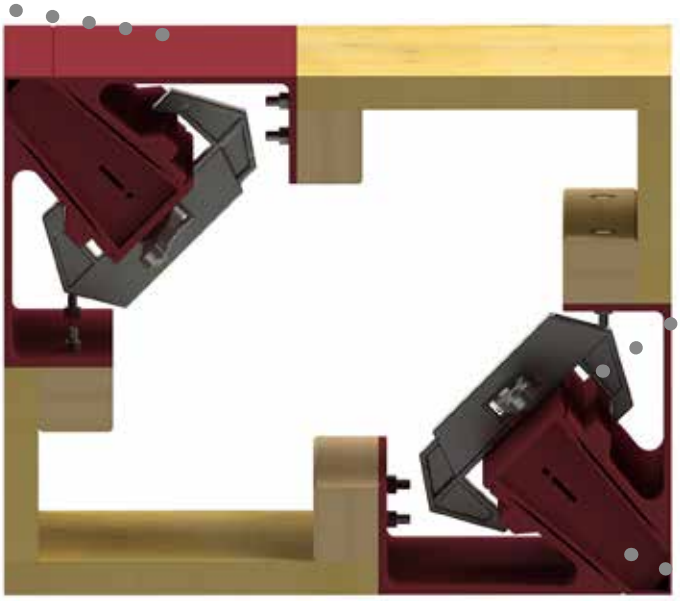
Small recesses with the mini-vario-element MVE

mini-vario-element MVE*

for small recesses with a width of
28 cm to 300 cm





formwork clamp

quick, firm and reliable connection oft he formwork elements – has been approved a million times

corner wedge system SEK

for quick and easy shuttering and striking

flexible and various application possibilities

the perfect logistics

for your TIMRON formwork

the TIMRON modular pallet MP

- for small parts and long elements
- has the size of a euro-pallet: 1,200 x 800 mm
- with crane lifting eyes on top
- galvanized
- load capacity of up to 1.5 tons

loaded TIMRON modular pallet

TIMRON modular pallet loaded with 10 formwork systems

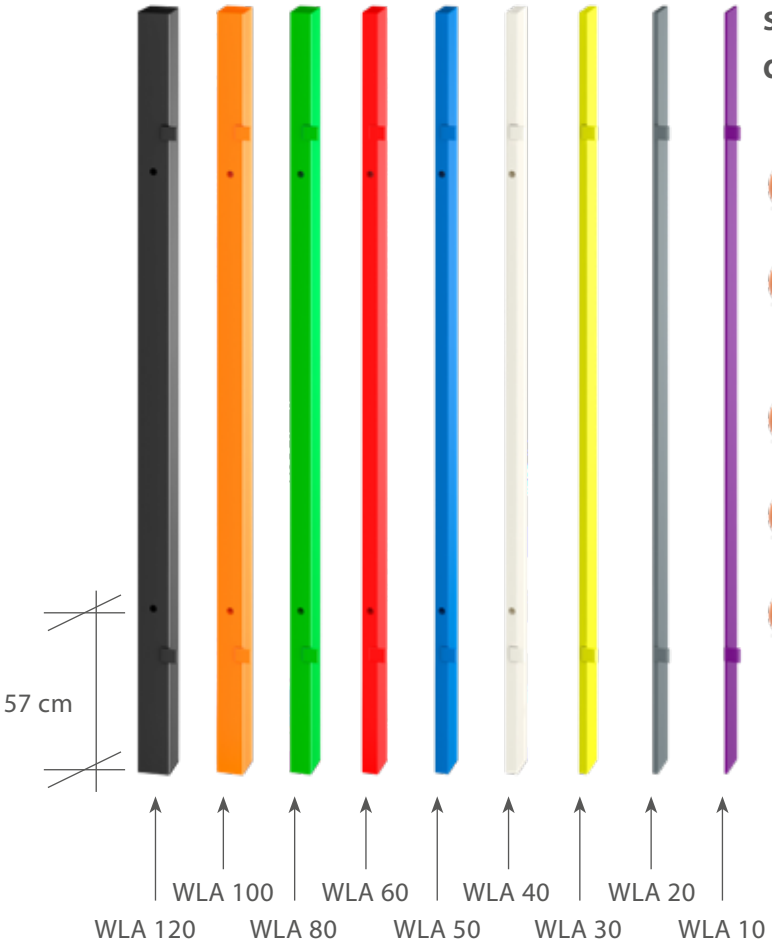
quick, easy and save handling

multi angle – MW 15

adjustable slab stopend angle

- durable, compact and adjustable multi angle with short sides 15 x 25 cm
- simple and quick vertical alignment of the formwork or aperture
- save fixation also within constricted space
- fixation via screws, nails or screw anchors
- fields of application: slab edge formwork, stair passages, wall and ceiling recesses

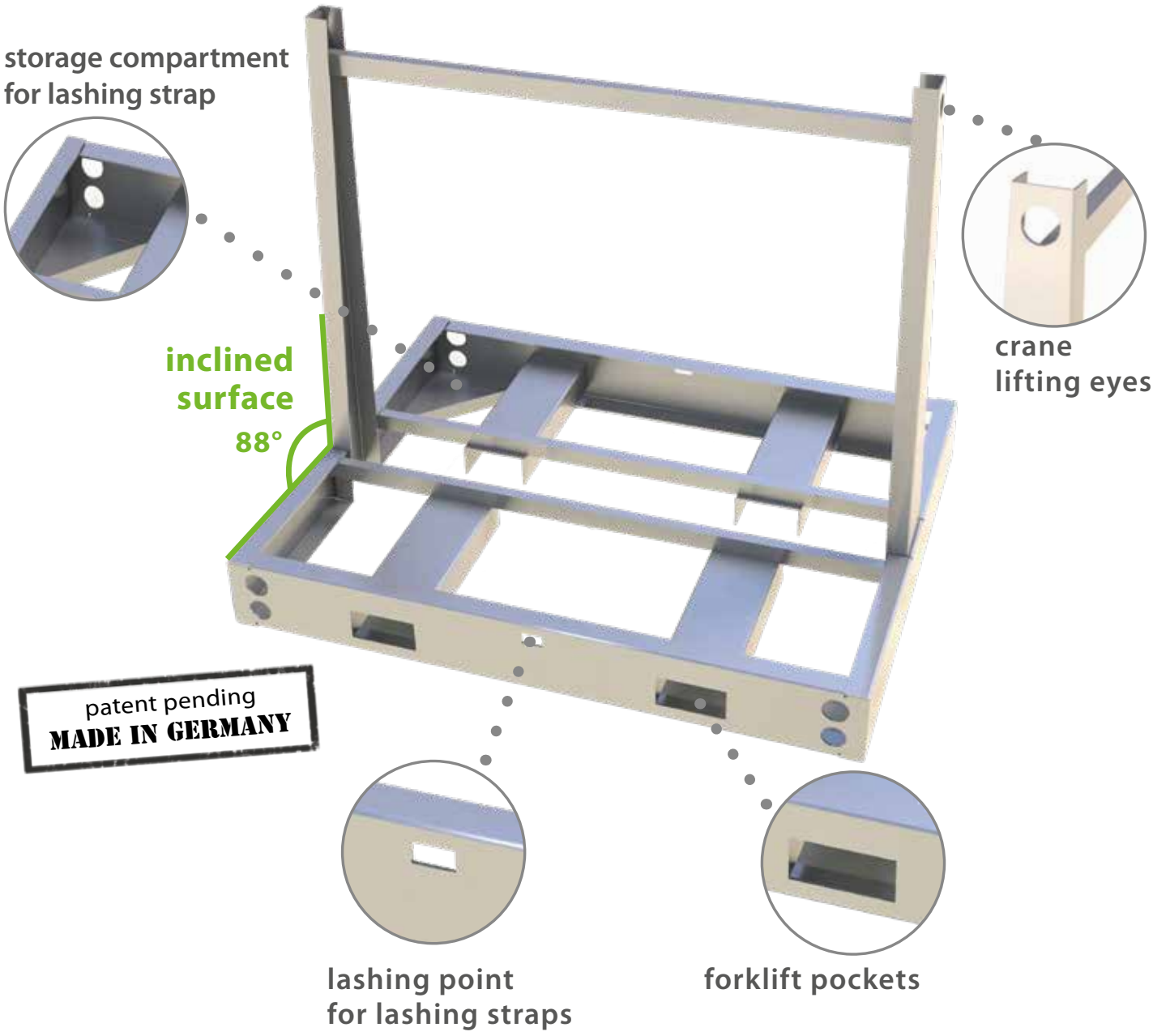
length compensation for walls – WLA



simple width recognition due to different colors

- quick and easy handling due to different colors – no more measuring or searching
- width for length compensation:
  10 / 20 / 30 / 40 /50 / 60 / 80 / 100 / 120 mm
  length: 270 cm
- light-weight powder-coated aluminum construction
- for all large-area formworks with a frame thickness of 120 mm
- as of LC 40 with two tie holes

extremely space-saving



empty forklift pockets
can be easily stacked

SR 130 loaded with 24 GT24
and 30 H20 girder

and save transportation

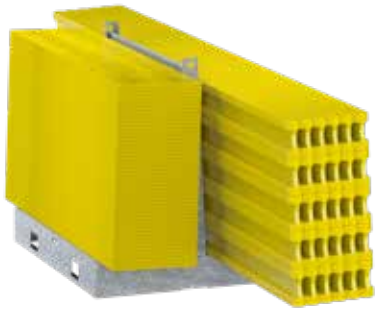
due to the inclined surface

stacking rack SG 130 made for girder, formwork panels, wooden planks and squared timbers

- quick and easy stacking and removing of the loading due to the inclined loading area
- empty racks can easily be stacked space-saving
- easy stacking without deranging the tie bars
- simple transport safety enabled with only one lashing strap
- quick moving possible due to the crane lifting eyes
- measures of 1200 x 1500 mm are perfect for transportation via truck
- galvanized

loading:	formwork panels	GT24 girder	H20 girder
SG 130	100 piece	56 piece	60 piece

For further technical data, refer to www.timron.de



SR 130 loaded with 50 formwork panels and 30 H20 girder

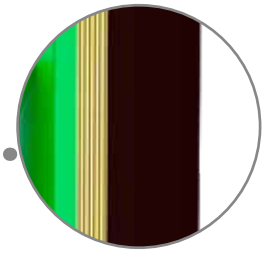
SR 130 loaded with 100 formwork panels
SR 80 loaded with 50 formwork panels

quick, easy and save handling

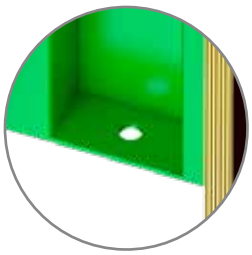
shuttering element – ASE 270

shuttering element for wall thicknesses of:
20 / 24 / 25 cm with a length of 270 cm and integrated stop fillet

- quick shuttering of wall endings and apertures with room-height
- floor fixation via screw anchor
- lightweight aluminium construction, powder-coated with carrying handles
- labelling of the wall thickness



integrated stop fillet made of a multiplex board



floor fixation via screw anchor

Our references:

"I was convinced by the high speed when using the TIMRON formwork for shuttering and striking because we can save labor costs and do not need a formwork shell. It is easy to handle and can be assembled by each and everyone."

Reiner Schädler,
Managing Director

"We first used the formwork for a construction site of a hospital and also for a not commonplace construction site of a theater. Despite many special dimensions we could easily use the flexible framework due to the variable multi elements. We were convinced by the durability and the easy handling. The formwork of TIMRON will be a consistent element on our construction sites in the future."

Siegfried Waidmann,
graduate engineer Senior Site Manager
F.K. Systembau GmbH, Münsingen

"The TIMRON formwork is easy to handle and self-explanatory. The assembly can be done by ever employee after only a short instruction. Shuttering and striking apertures for doors and windows can be made quick and easy. For the modification of the width and height you only need to exchange the concerning elements, the basic principle of the framework stays the same. In conclusion you can say that this framework has been developed by people actually using it and this is why you can see an increase in productivity. The best example for this is our construction site " V8-Hotel" in Böblingen where we were able to shutter and strike about 345 door and window formworks within a short amount of time. The foreman as well as our employees were convinced of the product after only using it a few times."

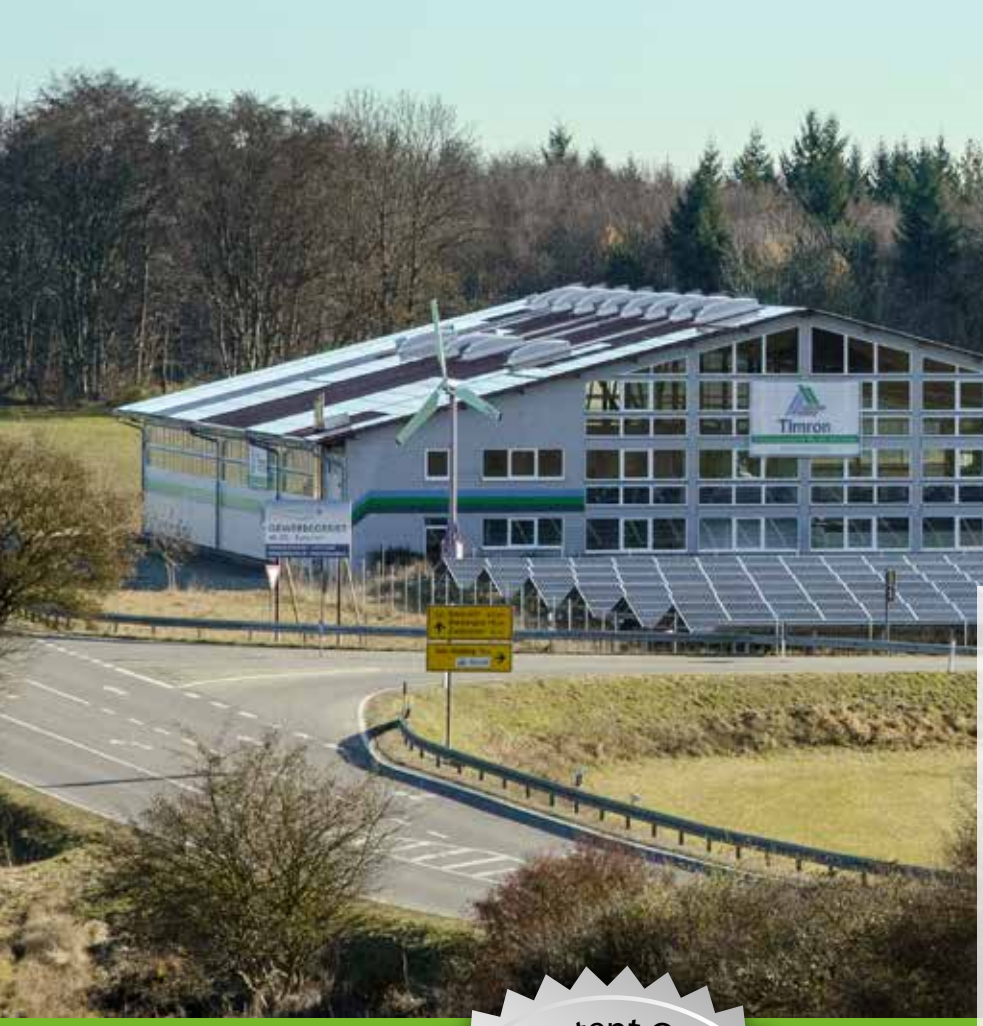
Axel Krautwasser, Senior Site Manager
Wurster Bauunternehmung GmbH, Grafenberg

"The workmanship of this formwork is very solid and durable. Working with the TIMRON formwork is very profitable due to the simple components such as the corner wedge system (CWS), the formwork clamp and the lightweight construction. The construction department did a very good job here. The efficiency of this formwork speaks for itself!"

Andreas Höchstätter
Site Manager Fa. Ulrich Reitenberger

" To be up front: the formwork of TIMRON totally convinced us and isnowadays a fixed component at every of our construction sites when using reinforced concrete. Contrary to other systems of different well-known manufacturers, the formwork is easy to handle due to its light-weight construction. We would even say that it is far superior because of the short amount of time you need for shuttering and striking. The formwork makes our job much easier and reduces the time needed significantly."

Steffen Henle
Master Mason



Timron

Formwork systems for concrete building

European Patent Office
OUR PATENT
Number: 2816174

We are a young and innovative company, arisen out of the father's construction company, with many new and innovative product ideas. Those rise from practical experience and observation at our own construction sites. Our aim is to facilitate work and its processes for each and everyone.

> **Working more quick and easier to save labor costs**

The development of our products starts at the workbench and ends with the use in practice on the construction sites. We particularly pay attention on the opinion of our costumers and like to put their ideas in practice. Our aim is to further develop both, our products and ourselves. According to Heraklit "panta rhei – everything is in flow."

You can find further information, pictures and videos from practical experience at **www.timron.de**

or on our YouTube *-Channel:*

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