



SALESBRIDGES
SINGLE-SIDED
FORMWORK

BRIDG

Modular supporting frames

Tried and checked system for single-sided walls forming of height up to 8.00m.

The system of modular supporting frames by SALESBRIDGES is used for single-sided walls forming such as retaining walls, dam walls etc. Shear forces which appear on the formwork shutters owing to fresh concrete pressure, are held and redistributed on the base by means of modular supporting frames and diagonal anchors. Single-sided supporting system allows walls with the required pouring-height up to 8,00m to be formed.

Load-bearing capacity :

- Owing to its load-bearing flexibility, the Single-sided modular supporting system can be assembled and customized for different pressure of fresh concrete required, up to 50kN/m².

System adaptability:

- Flexible height adjustment.
- Easily combines with SALESBRIDGES's wall systems, such as, framed formwork Varimax and large-area formwork Vertex60
- Rapid adaptation to any unevenness of the ground in an installation area.
- Can be used for special application. (e.g. positioned horizontally and anchored to the structure used as heavy-duty working platforms)

Cost-effective

- Can be repositioned by use of wheel units, in order to save crane time.
- Large areas of single-sided wall can be easily cast.
- High number of use cycles means lower follow-up expenses.
- Reduction of expenses by means of system adaptability.
- Galvanized steel frames, for long service life.

Easy handling and planning

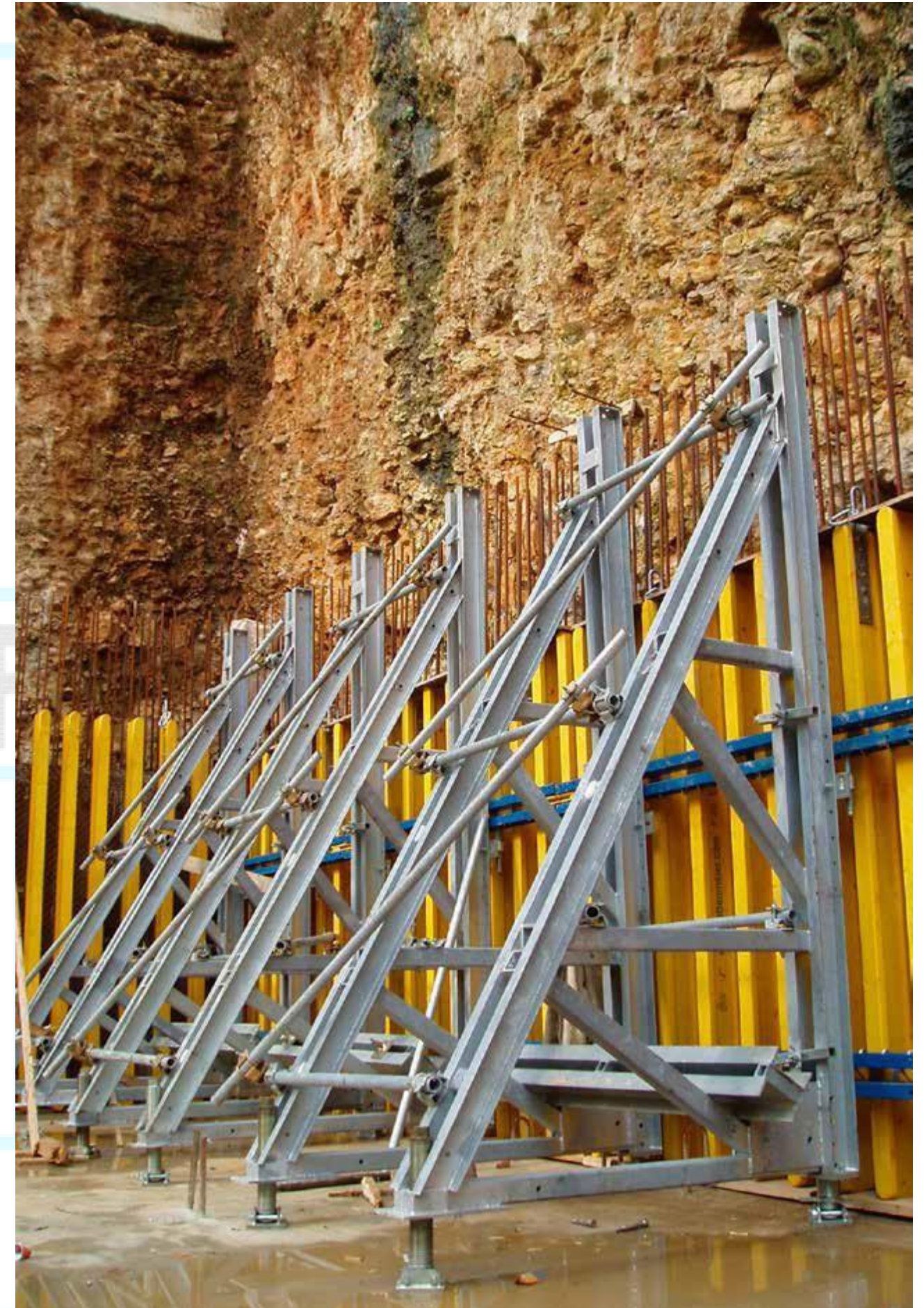
- All the connectors and accessories are easily fixed into the slots and quickly tightened, consequently forming time is efficient and maximized.
- Any requirements for architectural concrete design can be met.

Safe use

- Accessories such as — wall brackets makes for save and easier handling of the system.

Areas of use of the single-sided modular supporting system:

- Retaining walls
- Dam walls
- Stop-ends of walls and slabs with large thickness
- Walls of great thickness, in this case single-sided system is to be installed on both sides
- Walls where there is no place for installation of opposite formwork shutter (double-sided system)



Modular supporting frames — supporting units assembly

TYPES AND SIZES

The supporting modular frame units are formed by combining of supporting or attachable frames in one block by means of bracing. The modular units must be correctly braced with scaffold tubes to attain stated capacity.

There are 3 types of modular units which can be formed by combining the following frames::

- Modular supporting frame 4.50m
- Attachable frame 1.50m
- Attachable frame 2.00m

The supporting modular units are assembled in identical fashion for use with either timber-beam or framed formwork.



Modular supporting unit formed by combining Modular supporting frames 4.5m



Modular supporting unit formed by combining Attachable frames 1.5m



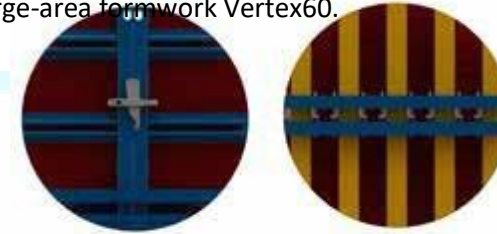
Modular supporting unit formed by combining Attachable frames 2.0m



Modular supporting frames — combining with wall formwork

Single-sided modular supporting system easily combines with SALESBRIDGES's wall formwork systems, such as, framed formwork Varimax and large-area formwork Vertex60.

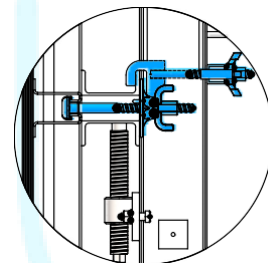
The supporting modular units are assembled in identical fashion for use with either timber-beam or framed formwork.



Modular supporting frames — combining with wall formwork

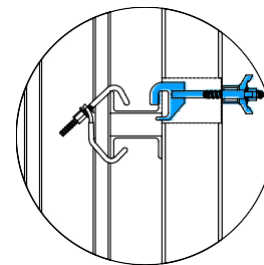
FIXATION OF THE FRAMED FORMWORK VARIMAX

In order to be able to fix Varimax panels to the modular supporting frames, walings 10 or 12 are used, which are fixed to the framed formwork by means of connection screw 10-16 and Superplate. Then the panel is fixed to the modular supporting frames using the waling-to-bracket holder.



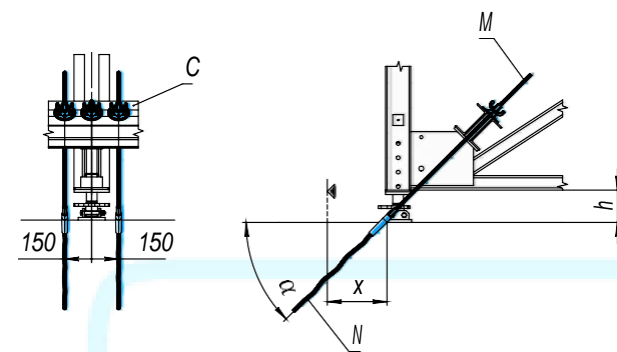
FIXATION OF THE TIMBER-BEAM FORMWORK VERTEX 60

Vertex60 formwork elements are clamped directly onto the modular supporting frame using the waling-to-bracket holder. The modular supporting frames are designed in such a way that the waling of formwork shutter can be fixed anywhere along the frame.



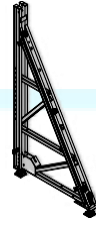
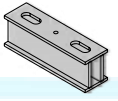
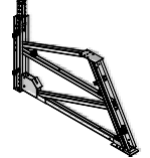

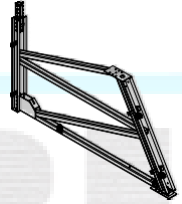
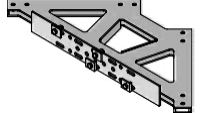

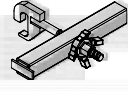




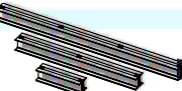



Modular supporting frames — anchoring

Horizontal forces on the single-sided formwork, caused by fresh concrete pressure, are held by the modular supporting units and redistributed onto the ground by means of diagonal anchors. The diagonal anchors fixed to the anchor waling of the modular supporting unit using super plate.



Together with the Superplate (A), the Anchor waling positioner (B) secures the Anchor waling (C) so that it cannot tilt or slip out of position.

Modular supporting frames

Item	[kg]	Article no		Article no
Supporting frame 4.50m	338,00	31 450200	Special anchor waling 0,55m	4044
				
Attachable frame 1.50m	254,00	31 150200	Anchor waling positioner	32 108 200
				
Attachable frame 2.00m	478,00	31 200200	Corner plate supporting construction frame	4025
				
Front spindle	18,50	32 106 200	Waling-to bracket holder	4005
				
Rear spindle	18,27	32 104 200	Connection screw 10-16cm 0,60 10-25cm 0,75	11 908 100 11 910 100
				
Adjusting spindle	6,30	32 102 200	Contact device	1,42 11 918 100
				
Anchorwaling16	0,70m 36,00 1,95m 69,82 2,95m 111,30	33 070 200 33 195 200 31 295 200	Connecting pin	23 042 100
				
			Spring cotter	23 044 100
				
			Screw-on access bracket	4004
				
	20,00	21 100 000		
	40,30	21 200 000		
	60,50	21 300 000		

SINGLE-SIDED FORMWORK