



**COMETAL®**

**LIFT-SLABS**

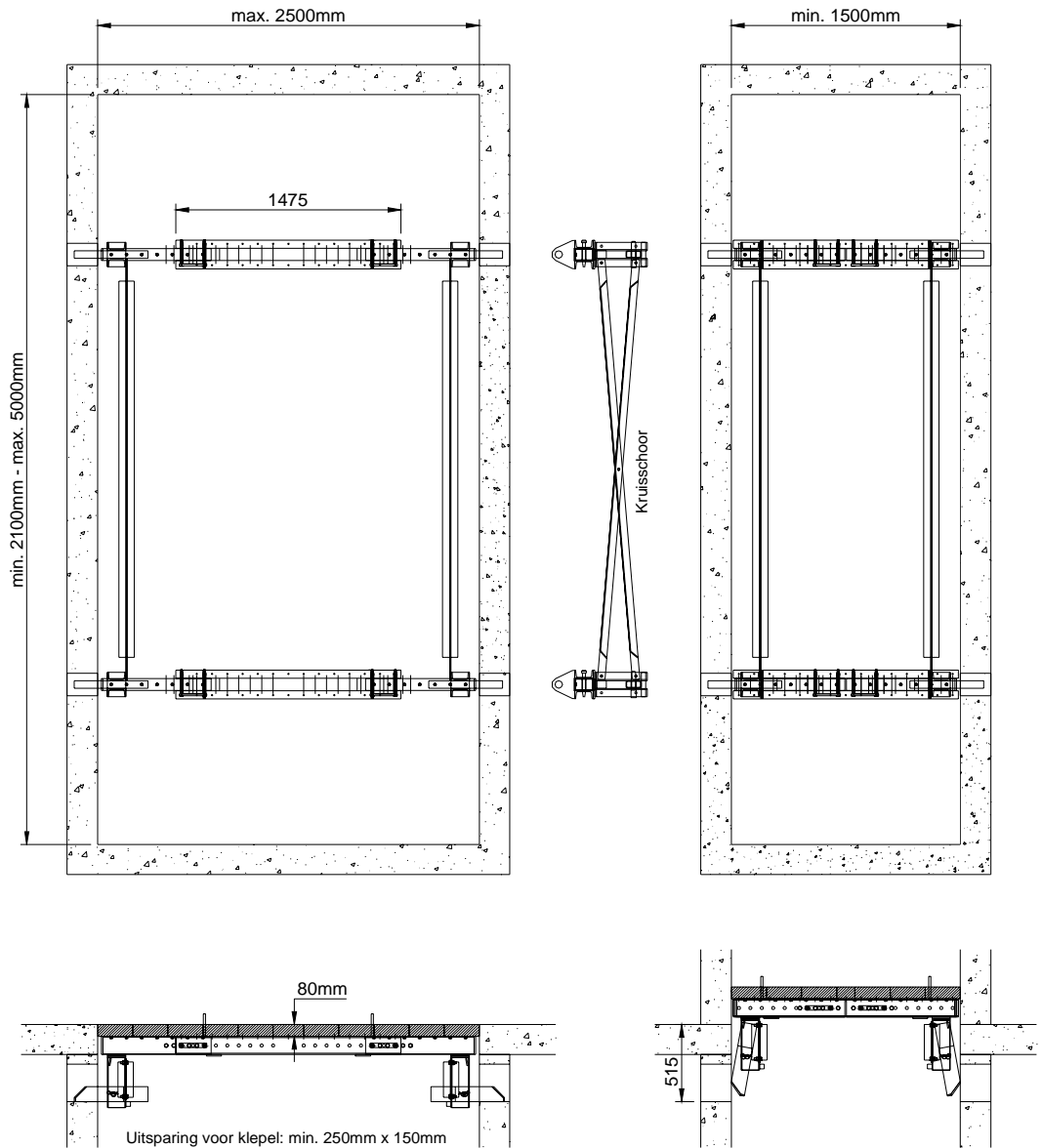


### TABLE OF CONTENTS

Cover page	pag.1
Table of Contents	pag.2
Brackets 1.40m cpl.	pag.3
Anchoring of the brackets 1.40m cpl.	pag.5
Brackets 2.40m cpl. without hinge	pag.5
Wall scaffold hinge system 2.40m cpl.	pag.8
Anchoring brackets 2.40m cpl.	pag.10



## Lift-slab with tongue 1500-2500mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for lift cores, stairwells, etc. This lift-slab works with a tongue system. In a previous phase a groove must be provided for each tongue of a min. 250 mm high and 150 mm wide. The 4 tongues will drop into these grooves when raising the lift-slab. The wooden floor is provided by the contractor.

**Specifications:**

- width of the lift-slab min. 1500mm - max. 2500mm
- length of lift-slab min. 2100mm - max. 5000mm
- bearing surface per lift-slab girder max. 2500mm
- lift-slab girder can be adjusted every 25 mm
- lift-slab girder can be adjusted at a max. 50 mm less than the concrete measurement. max. load 200 kg/m<sup>2</sup>
- play between wall and girder must be kept as low as possible

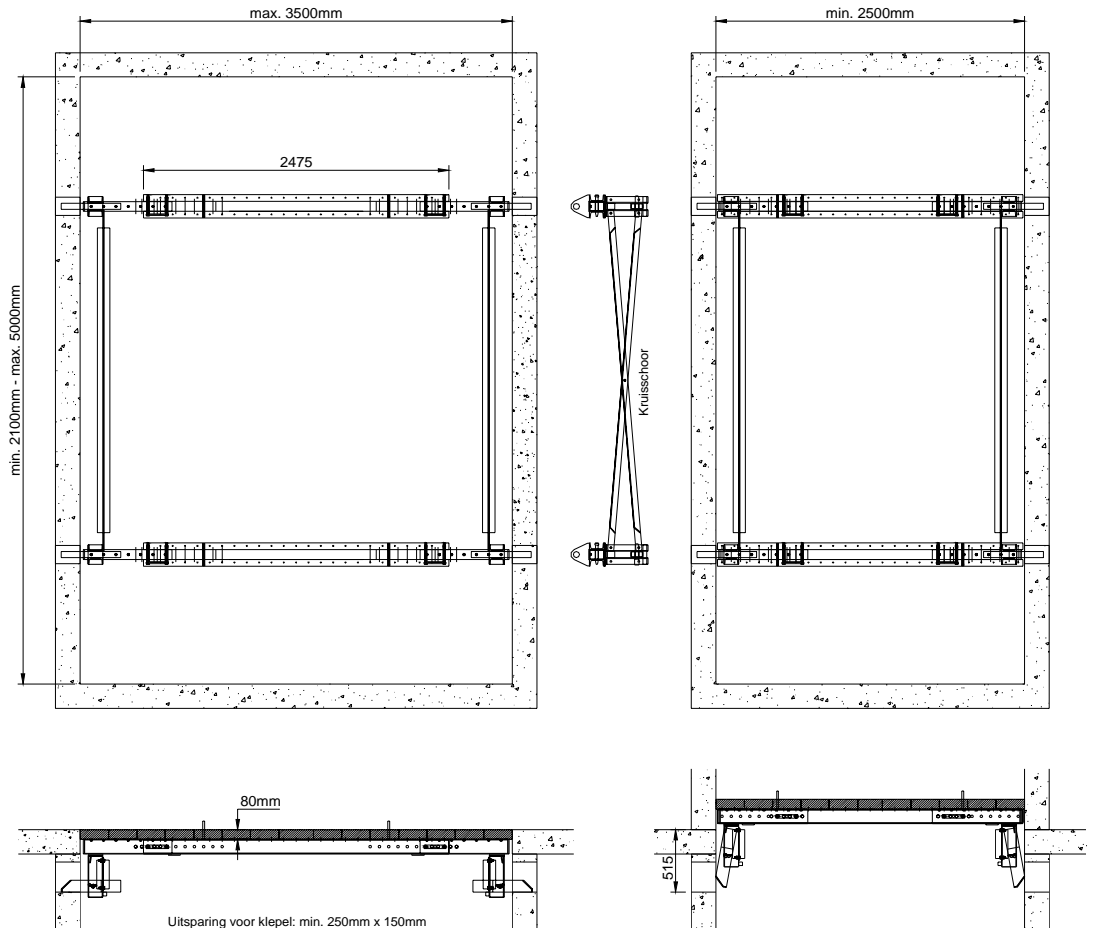
**Comprising:**

lift-slab girder 1.475m	2 units
sliding girder with tilting section	4 units
steel cross bracing (various sizes)	2 units
connection bracket + clips	4 units



# Technical sheet

## Lift-slab with tongue 2500-3500mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for lift cores, stairwells, etc. This lift-slab works with a tongue system. In a previous phase a groove must be provided for each tongue of a min. 250 mm high and 150 mm wide. The 4 tongues will drop into these grooves when raising the lift-slab. The wooden floor is provided by the contractor.

Specifications:

- width of the lift-slab min. 2500mm - max. 3500mm
- length of lift-slab min. 2100mm - max. 5000mm
- bearing surface per lift-slab girder max. 2500mm
- lift-slab girder can be adjusted every 25 mm
- lift-slab girder can be adjusted at a max. 50 mm less than the concrete measurement. max. load 200 kg/m<sup>2</sup>
- play between wall and girder must be kept as low as possible

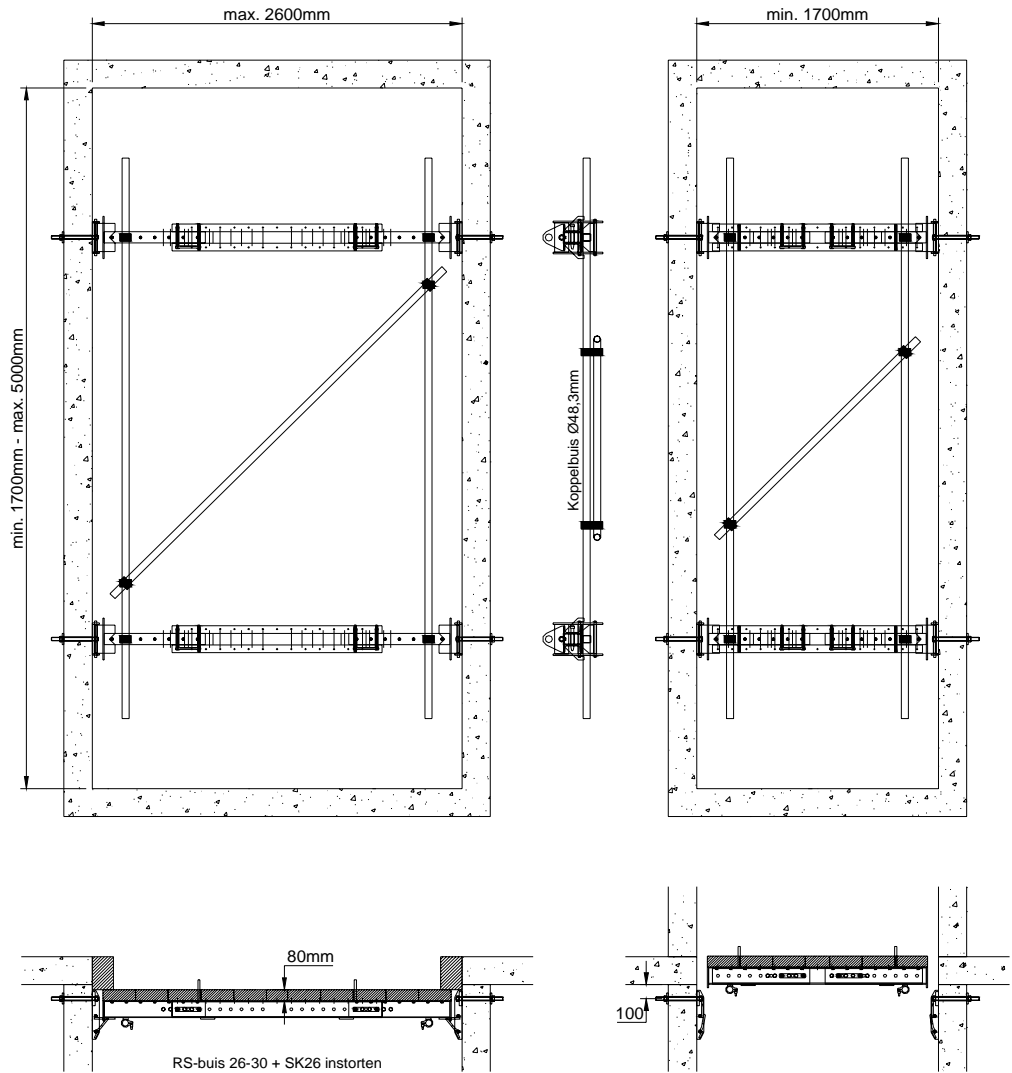
Comprising:

lift-slab girder 2.475m	2 units
sliding girder with tilting section	4 units
steel cross bracing (various sizes)	2 units
connection bracket + clips	4 units



# Technical sheet

## Lift-slab with bracket system 1700-2600mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for in lift cores, stairwells, etc. This lift-slab works with a bracket system. In a previous phase a drill hole is provided per bracket on which a nut with a M24-thread is attached. The bracket system is attached to the wall by means of a bolt. The lift-slab girders rest on these brackets. The wooden floor is provided by the contractor.

### Specifications:

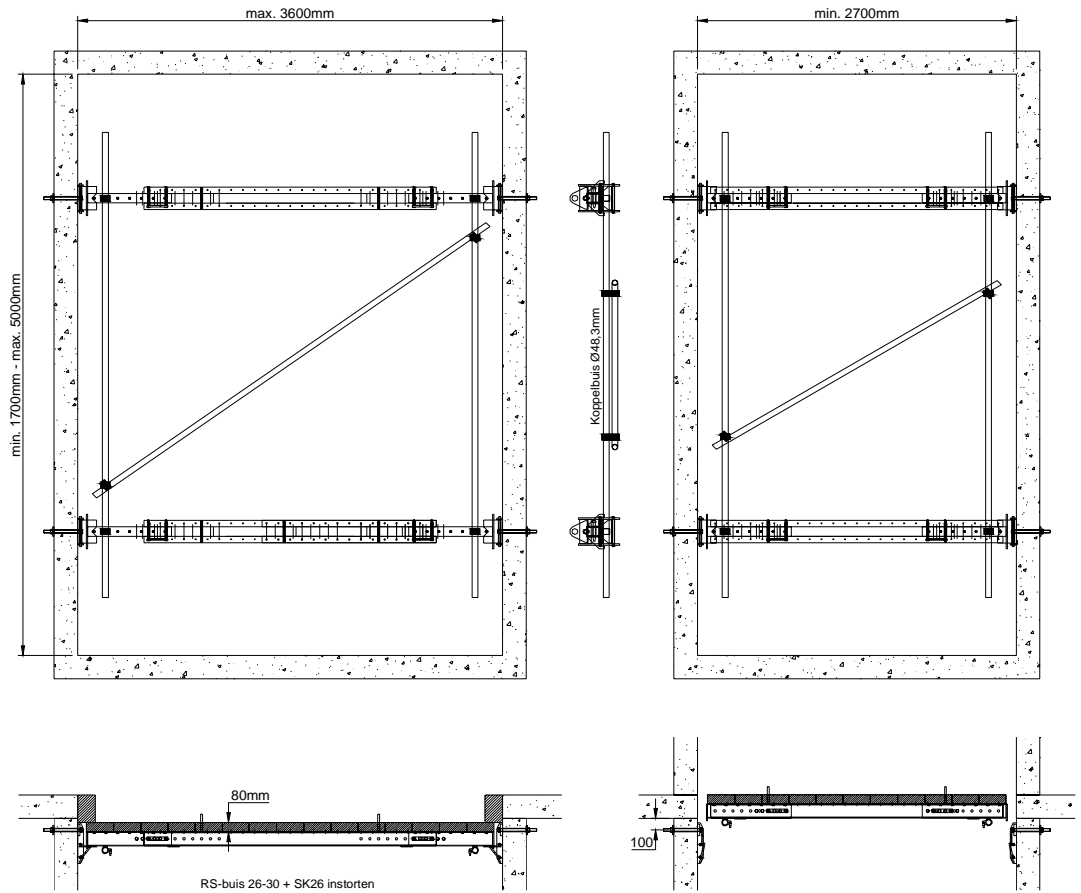
width of lift-slab min. 1700mm - max. 2600mm  
 length of lift-slab min. 1700mm - max. 5000mm  
 bearing surface per lift-slab girder max. 2500mm  
 lift-slab girder can be adjusted per 25 mm  
 lift-slab girder can be adjusted between 150 and 200 mm less than the concrete measurement. max. load 200 kg/m<sup>2</sup>  
 play between wall and girder must be kept as low as possible

### Comprising:

lift-slab girder 1.475m	2 units
sliding girder 0.72m bracket system	4 units
anchoring bracket + clips	4 units
coupling pipe (various sizes)	3 units
hinged pipe coupling 48-48mm	2 units
bracket system	4 units
bracket system nut 8.8 M24	4 units
bracket system bolt M24x330mm 8.8 (to wall thickness 250mm)	4 units



## Lift-slab with bracket 2500-3500mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for in lift cores, stairwells, etc. This lift-slab works with a bracket system. In a previous phase a drill hole is provided per bracket on which a nut with a M24-thread is attached. The bracket system is attached to the wall by means of a bolt. The lift-slab girders rest on these brackets. The wooden floor is provided by the contractor.

### Specifications:

width of lift-slab min. 2500mm - max. 3500mm  
 length of lift-slab min. 1700mm - max. 5000mm  
 bearing surface per lift-slab girder max. 2500mm  
 lift-slab girder can be adjusted per 25 mm  
 lift-slab girder can be adjusted between 150 and 200 mm less than the concrete measurement. max. load 200 kg/m<sup>2</sup>  
 play between wall and girder must be kept as low as possible

### Comprising:

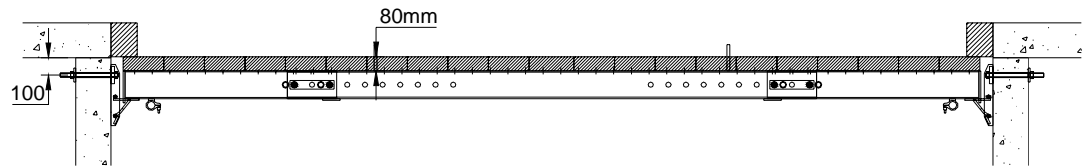
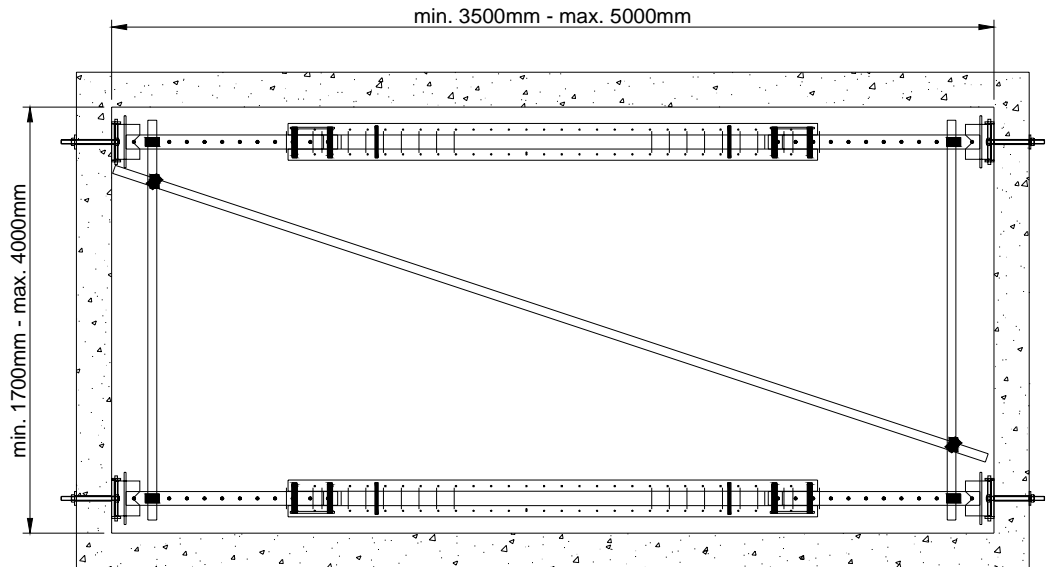
lift-slab girder 2.475m	2 units
sliding girder 0.72m bracket system	4 units
anchoring bracket + clips	4 units
coupling pipe (various sizes)	3 units
hinged pipe coupling 48-48mm	2 units
bracket system	4 units
bracket system nut 8.8 M24	4 units
bracket system bolt M24x330mm 8.8 (to wall thickness 250mm)	4 units





# Technical sheet

## Lift-slab with bracket system 3500-5000mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for in lift cores, stairwells, etc. This lift-slab works with a bracket system. In a previous phase a drill hole is provided per bracket on which a nut with a M24-thread is attached. The bracket system is attached to the wall by means of a bolt. The lift-slab girders rest on these brackets. The wooden floor is provided by the contractor.

### Specifications:

width of lift-slab min. 3500mm - max. 5000mm  
 length of lift-slab min. 1700mm - max. 5000mm  
 bearing surface per lift-slab girder max. 2500mm  
 lift-slab girder can be adjusted per 25 mm  
 lift-slab girder can be adjusted between 150 and 200 mm less than the concrete measurement. max. load 200 kg/m<sup>2</sup>  
 play between wall and girder must be kept as low as possible

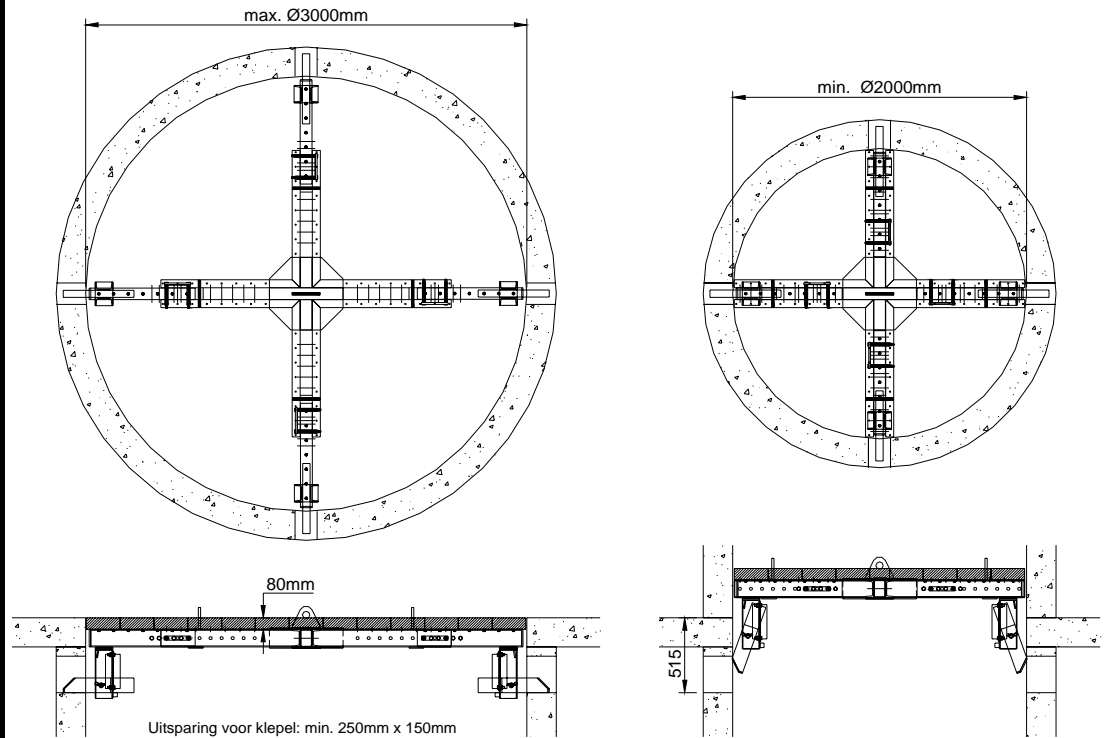
### Comprising:

lift-slab girder 3m heavy	2 units
sliding girder 1.21 m bracket system	4 units
anchoring bracket diam. 30 mm + clips	4 units
coupling pipe (various sizes)	3 units
hinged pipe coupling 48-48mm	2 units
bracket system	4 units
bracket system nut 8.8 M24	4 units
bracket system bolt M24x330mm 8.8 (to wall thickness 250mm)	4 units



# Technical sheet

## Lift-slab with tongue diam. 2000-3000mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for lift cores, stairwells, etc. This lift-slab works with a tongue system. In a previous phase a groove must be provided for each tongue of a min. 250 mm high and 150 mm wide. The 4 tongues will drop into these grooves when raising the lift-slab. The wooden floor is provided by the contractor.

Specifications:

- diameter of lift-slab min. 2000mm - max. 3000mm
- lift-slab girder is adjustable per 25 mm
- lift-slab can be adjusted to max. 50 mm less than concrete measurement
- max. load 200 kg/m<sup>2</sup>
- play between wall and girder must be kept as low as possible

Comprising:

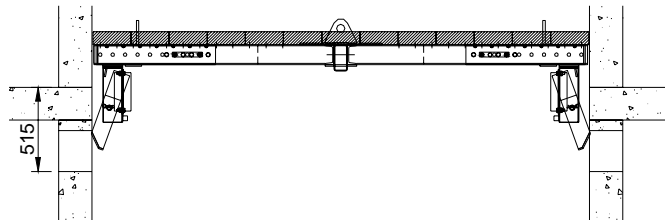
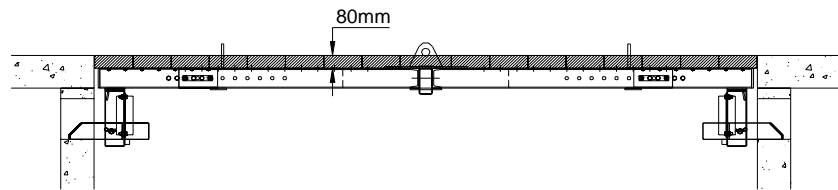
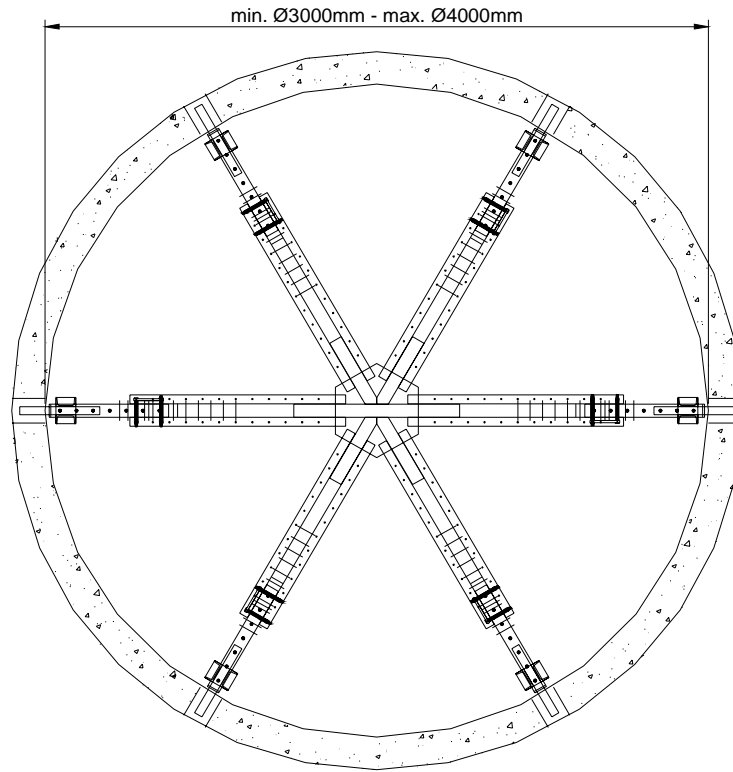
lift-slab girder 1.975m square	1 units
sliding girder with tilting section	4 units
connection bracket + clips	4 units





# Technical sheet

## Lift-slab with tongue diam. 3000-4000mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for lift cores, stairwells, etc. This lift-slab works with a tongue system. In a previous phase a groove must be provided for each tongue of a min. 250 mm high and 150 mm wide. The 6 tongues will drop into these grooves when raising the lift-slab. The wooden floor is provided by the contractor.

**Specifications:**

- diameter of lift-slab min. 3000mm - max. 4000mm
- lift-slab girder is adjustable per 25 mm
- lift-slab can be adjusted to max. 50 mm less than concrete measurement
- max. load 200 kg/m<sup>2</sup>
- play between wall and girder must be kept as low as possible

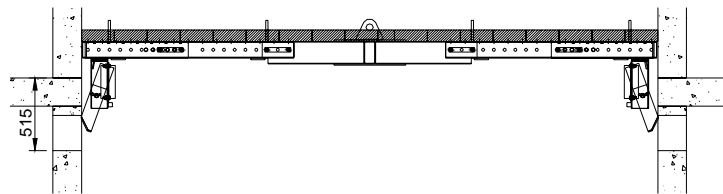
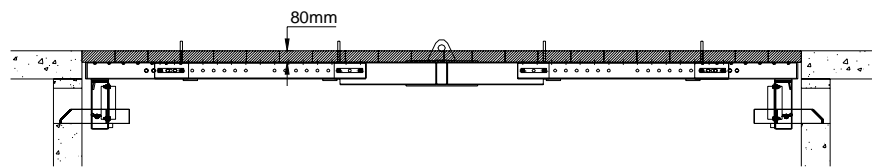
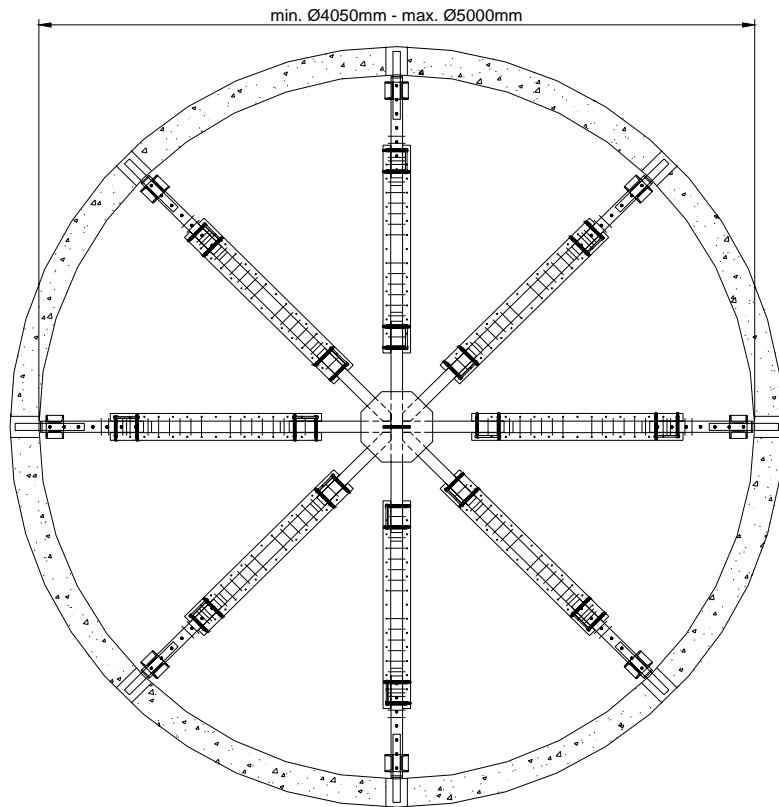
**Comprising:**

lift-slab girder 2.975m hexagon	1 units
sliding girder with tilting section	6 units
connection bracket + clips	6 units



# Technical sheet

## Lift-slab with tongue diam. 4050-5000mm



Lift-slabs are work floors which are pulled up per stage. Used mainly for lift cores, stairwells, etc. This lift-slab works with a tongue system. In a previous phase a groove must be provided for each tongue of a min. 250 mm high and 150 mm wide. The 6 tongues will drop into these grooves when raising the lift-slab. The wooden floor is provided by the contractor.

Specifications:

- diameter of lift-slab min. 4500mm - max. 5000mm
- lift-slab girder is adjustable per 25 mm
- lift-slab can be adjusted to max. 50 mm less than concrete measurement
- max. load 200 kg/m<sup>2</sup>
- play between wall and girder must be kept as low as possible



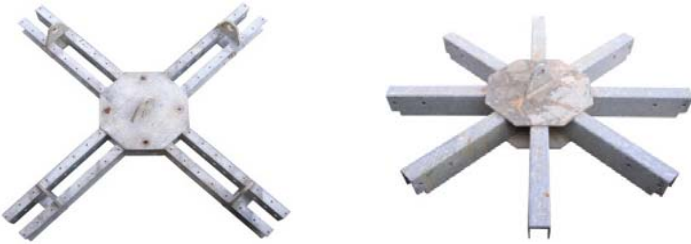

Comprising:

lift-slab girder 1.500 m octagon	1 units
lift-slab girder 1.475m	8 units
sliding girder with tilting section	8 units
connection bracket + clips	8 units



# Technical sheet

## Lift-slab parts

Article number	Description / principle drawing / picture	Weight
KLH001 KLH002	<p><b>Non - composite article</b> LIFT-SLAB GIRDER 1.475M LIFT-SLAB GIRDER 2.475M</p> 	46,73 kg 73,93 kg
KLH003	<p><b>Non - composite article</b> LIFT-SLAB GIRDER 3.000M HEAVY</p> 	122,13 kg
KLH004 KLH026 KLH005	<p><b>Non-composite article</b> LIFT-SLAB GIRDER 1.975M SQUARE LIFT-SLAB GIRDER 2.975M HEXAGON LIFT-SLAB GIRDER 1.500 M OCTAGON</p> 	164,61 kg 240,00 kg 157,04 kg
KLH006	<p><b>Non-composite article</b> SLIDING GIRDER WITH TILTING SECTION</p> 	36,09 kg



# Technical sheet


## Lift-slab parts

Article number	Description / principle drawing / picture	Weight
KLH007	<p><b>Non - composite article</b>                      SLIDING GIRDER 0.72M BRACKET SYSTEM</p> 	13,95 kg
KLH008	<p><b>Non - composite article</b>                      BRACKET SYSTEM</p> 	12,10 kg
KLH009 KLH025	<p><b>Non - composite article</b>                      BRACKET SYST. BOLT. M24X330 8.8                      BRACKET SYST. BOLT M24X700 8.8</p> 	1,10 kg 2,10 kg
KLH010	<p><b>Non - composite article</b>                      BRACKET NUT 8;8 M24</p> 	1,10 kg



# Technical sheet



## Lift-slab parts

Article number	Description / principle drawing / picture	Weight
KLH012	<p><b>Non-composite article</b>                      SLIDING GIRDER HEAVY 1.21M BRACKET SYSTEM</p> 	35,60 kg
KLH013	<p><b>Non-composite article</b>                      CONNECTING BRACKET DIAM. 30MM CPL.</p> 	3,00 kg
VLT009	<p><b>Composite article</b>                      CONNECTING BRACKET + CLIPS</p> 	1,100 kg
KLH011	<p><b>Non-composite article</b>                      SUPPORT PROFILE H20-BRACKET</p> 	4,60 kg



# Technical sheet

## Lift-slab parts

Article number	Description / principle drawing / picture	Weight
TKS048048	<b>Non-composite article</b> PIPE COUPLING HINGED 48-48MM 	1,435 kg
TBU048100 TBU048150 TBU048200 TBU048250 TBU048300 TBU048350 TBU048400 TBU048450 TBU048500 TBU048550 TBU048600 TBU048	<b>Non-composite article</b> COUPLING PIPE 48MM GALVA 1.00M COUPLING PIPE 48MM GALVA 1.50M COUPLING PIPE 48MM GALVA 2.00M COUPLING PIPE 48MM GALVA 2.50M COUPLING PIPE 48MM GALVA 3.00M COUPLING PIPE 48MM GALVA 3.50M COUPLING PIPE 48MM GALVA 4.00M COUPLING PIPE 48MM GALVA 4.50M COUPLING PIPE 48MM GALVA 5.00M COUPLING PIPE 48MM GALVA 5.50M COUPLING PIPE 48MM GALVA 6.00M COUPLING PIPE 48MM GALVA	3,800 kg 5,700 kg 7,600 kg 9,500 kg 11,400 kg 13,300 kg 15,200 kg 17,100 kg 19,000 kg 20,900 kg 22,800 kg 3,800 kg/m
		
VKS091 VKS122 VKS152 VKS183 VKS244	<b>Non-composite article</b> STEEL CROSS-BRACING 0.914M STEEL CROSS-BRACING 1.22M STEEL CROSS-BRACING 1.52M STEEL CROSS-BRACING 1.83M STEEL CROSS-BRACING 2.44M	10,000 kg 13,000 kg 14,700 kg 16,500 kg 20,500 kg
	