

assco rapido

Rolling Towers

LOGIC · EASY · BETTER



The product group of assco rapido independent towers

The assco rapido mobile towers system meets all requirements for a state of the art independent scaffolding. Either craftsman, technician, scaffolding company or industrial company all will find an optimized solution for the daily working process. The assco rapido mobile towers may certainly be used in enclosed areas and in the open. They always provide safe access and comfortable working space in the required height.

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Type Overview

Choose your customized scaffolding

Load class 3: 2.00 kN/m² capacity

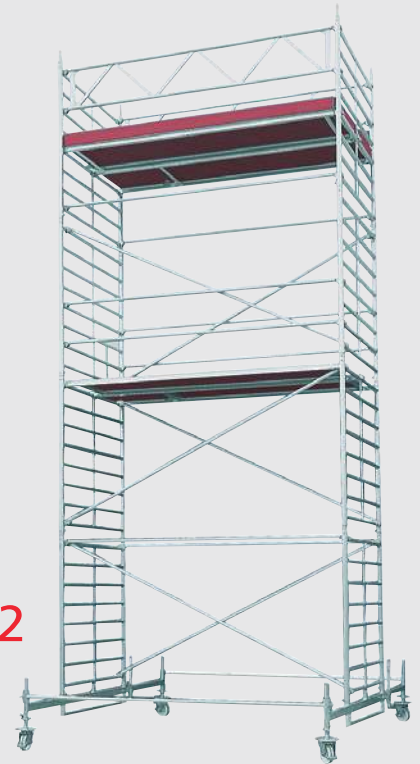
The versatile independent scaffolding for every application. Whether you need to work inside or outside, under ceilings or at walls, inside halls or under spheres, for installation or refurbishment purposes - the aluminium assco rapido mobile tower 4601 with a working platform being 0.75 m wide and 2.85 m long and max. working height of 9.60 m in the open and 13.60 m inside closed areas will serve all demands for a professional independent tower.



4601



4602



Do you have to handle bulky equipment or do you need a wider working space? The aluminium assco rapido mobile tower 4602 provides a working area of 1.50 m width and 2.85 m length. The max. working height is 9.60 m in the open and 13.60 m inside closed areas. Using this type of scaffolding you will need the mobile beam for working above 7.50 m only. The height-adjustable castors are easily fit into the tubes of the ladder frames and secured by wing bolts.



The mobile scaffolding assco rapido 4606 is a flexible independent scaffolding with a folding mechanism and a working area being 0.75 m wide and 1.80 m long. With lower assembled heights a fast transfer of the equipment from one working spot to the next is easily possible. The assembly time is reduced to a minimum due to the fact that the majority of braces and ledgers are an integral part of the folding unit. The max. working height in closed areas and in the open is approved to be 7.30 m.

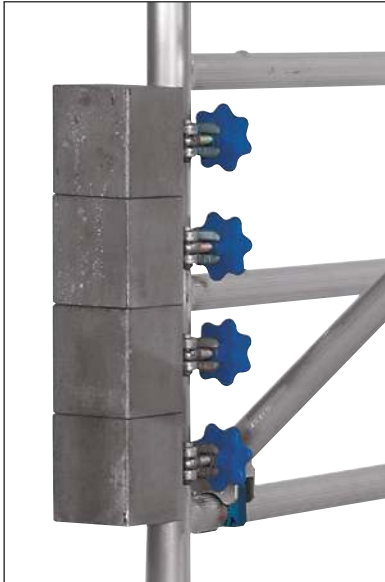


4606

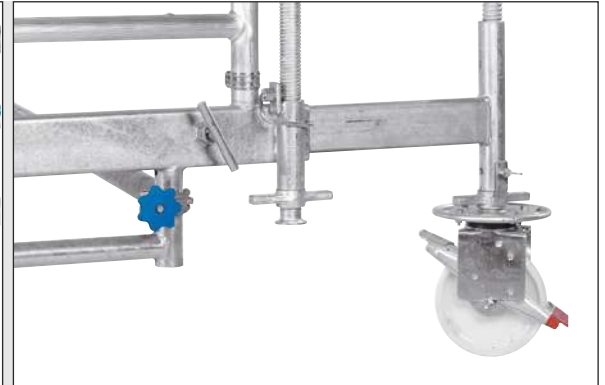
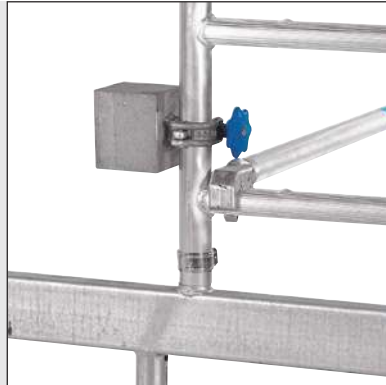


Advantages in Detail

Sophisticated Technique for Optimized and Safe Work



Ergonomic star handles serve for an easy and quick assembly of the 10.6 kg ballast blocks without additional tools.



The telescopic mobile beam is a safe foundation used with greater assembly heights. The adjustable spindle assures the horizontal position also for extending the telescopes. Telescopes of assco rapido mobile towers are secured and fixed without the need of tools.

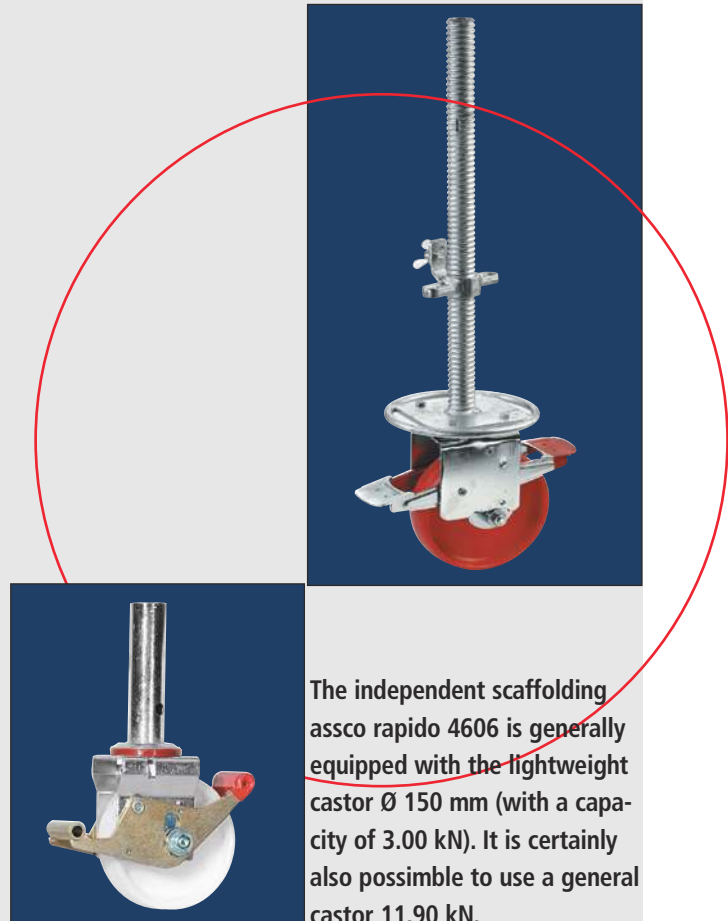


The assco rapid locking system for decks, braces and guard rails are long lasting and robust with their casting housings from aluminium held in position and secured by spring loaded in steel reinforced fingers from polyamide. Colour coding of the fingers allows an easy separation between braces and guard rails - without measuring. The steps of the ladder frames are manufactured with special profiled nonskid tubes and are used for interior access.

All assco rapido independent towers may be equipped with the same castor. A robust and long lasting item with a capacity of 11.9 kN and a wheel of Ø 200 mm. The outer ring fixed to the spindle height adjustment improves the handling substantially and protects against injuries by edges and ridges.



Clever assistance during the dismantling process. The rapid locks of the assco rapido decks and access decks allow to lean the deck to the top of the ladders steps at one side without falling into secured position immediately. One man is able to dismantle the deck in case of necessity.



The independent scaffolding assco rapido 4606 is generally equipped with the lightweight castor Ø 150 mm (with a capacity of 3.00 kN). It is certainly also possible to use a general castor 11.90 kN.

Especially in case of rolling towers the design and professional solution in details show whether the work is felt uncomfortable or convenient. A small number of light and handy items, flexible use, quick erection and dismantling, proofed stability also in greater heights, tough and durable, tested safety - that are the attributes a modern rolling tower system should have to meet the users expectations.

The product program assco rapido has been developed improved with regard to highest quality and applicability standards. This has been proven during numerous years of use. Multiple solutions in detail lead this mobile towers family to one of the most sophisticated systems in the market. All assco independent towers are developed and manufactured in compliance with DIN EN 1004.

assco rapido 4601

Working space	0,75 m x 2,85 m
Length of mobile beam	1,80 m
Length of mobile beam, telescopic	2,26 m – 3,22 m
Max. Working height	
In the open	9,60 m
In closed rooms	13,60 m
Load capacity	2 kN/m ² , Load class 3 according to DIN EN 1004

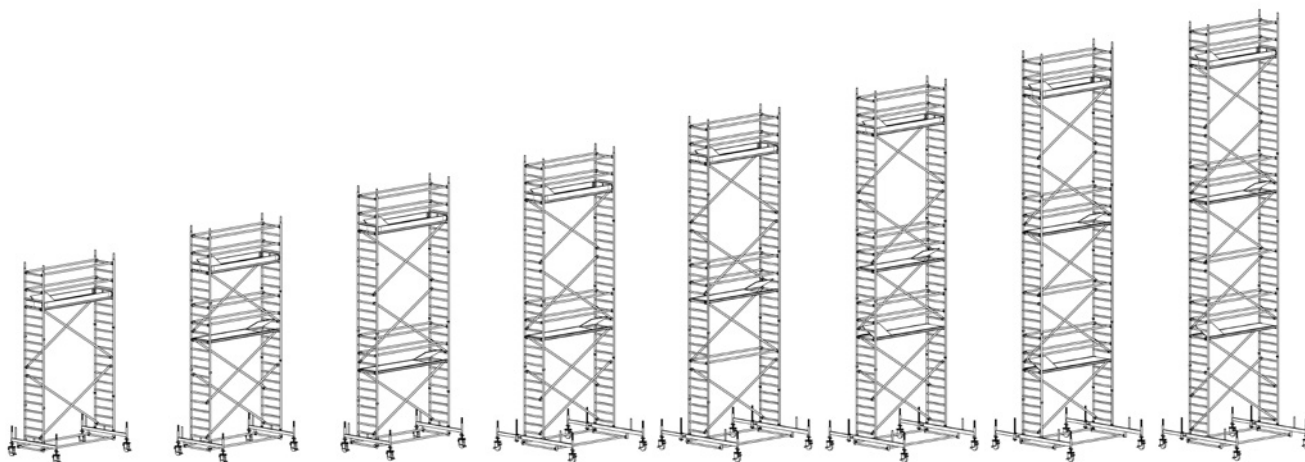


Scaffold Type/Code			5S00 460101	5S00 460102	5S00 460103
	Working height m		3,50	4,60	5,60
	Scaffold height m		2,75	3,85	4,85
	Standing height m		1,50	2,60	3,60
Components	Code	Weight [kg]			
Al-ladder frame H100, W75	5F00 451110	5,00	0	2	0
Al-ladder frame H200, W75	5F00 451120	9,30	2	2	4
Spring clip	3Z FED 301 00	0,10	0	8	8
Access deck L285, W68 w. hatch	5F00 452115	22,50	1	1	1
Al-guard rail L285	5F00 453116	3,20	0	5	5
Al-guard rail frame L285, H50	5F00 453137	7,30	2	0	0
Al-diagonal L335	5F00 453126	3,50	0	2	2
Mobile beam L180, w. entry bail	5F00 454110	17,50	0	2	2
Mobile beam L228, telescopic, w. entry bail	5F00 454120	45,80	0	0	0
Base ledger L285, half coupler w. star handle nut	5F00 454140	11,00	0	1	1
Toe board, foldable, timber L285, W75	5F00 456107	9,30	0	1	1
Toe board, timber L285	5F00 456128	6,00	0	1	1
Castor 11,9 kN, Ø200, w. spindle L60	5F SOG 840 00	9,00	4	4	4
Total weight: [kg]			91,70	172,20	180,80

Ballast block	5F00 457205	10,60			
use into closed rooms	centric assembly		0	0	0
	lateral assembly		-	2	4
	lateral assembly w. outriggers		-	0	0
use in the open	centric assembly		0	0	0
	lateral assembly		-	2	6
	lateral assembly w. outriggers		-	0	0

Necessary ballast not included. For ballasting please refer to assembly guide.

* Erection not permitted.



5500 460104	5500 460105	5500 460106	5500 460107	5500 460108	5500 460109	5500 460110	5500 460111
6,60	7,60	8,60	9,60	10,60	11,60	12,60	13,60
5,85	6,85	7,85	8,85	9,85	10,85	11,85	12,85
4,60	5,60	6,60	7,60	8,60	9,60	10,60	11,60
2	0	2	0	2	0	2	0
4	6	6	8	8	10	10	12
12	12	16	16	20	20	24	24
1	2	2	2	2	3	3	3
5	9	9	9	11	13	15	15
0	0	0	0	0	0	0	0
4	6	6	8	8	10	10	12
2	2	2	0	0	0	0	0
0	0	0	2	2	2	2	2
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
4	4	4	4	4	4	4	4
198,20	249,10	259,50	331,70	348,50	393,00	409,80	425,40

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4 (0)
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assco rapido 4602

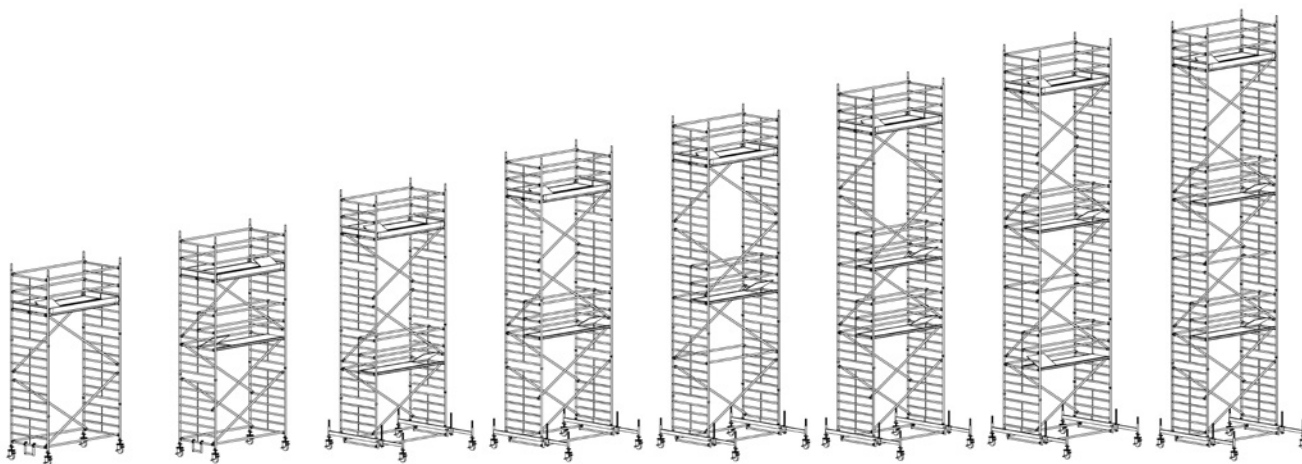
Working space	1,50 m x 2,85 m
Length of mobile beam, telescopic	2,26 m – 3,22 m
Max. Working height	
In the open	9,60 m
In closed rooms	13,60 m
Load capacity	2 kN/m ² , Scaffold load 3 according to DIN EN 1004



Scaffolding Type/Code			5500 460201	5500 460202	5500 460203
	Working height m		3,10	4,10	5,10
	Scaffold height m		2,35	3,35	4,35
	Standing height m		1,10	2,10	3,10
Components	Code	Weight [kg]			
Al-ladder frame H100, W150	5F00 451210	7,40	0	2	0
Al-ladder frame H200, W150	5F00 451220	14,10	2	2	4
Spring clip	3Z FED 301 00	0,10	0	4	4
Access deck L285, W68, w. hatch	5F00 452115	22,50	0	1	1
Deck L285, W68 w/o hatch	5F00 452125	22,50	2	1	1
Al-guard rail L285	5F00 453116	3,20	0	6	6
Al-guard rail frame L285, H50	5F00 453137	7,30	2	0	0
Al-diagonal L335	5F00 453126	3,50	0	2	2
Mobile beam L228, telescopic, w. entry bail	5F00 454120	45,80	0	0	0
Base ledger L285, half coupler w. star handle nut	5F00 454140	11,00	0	0	0
Toe board, timber L285	5F00 456128	6,00	0	1	1
Toe board, foldable, timber L285, W150	5F00 456215	12,10	0	1	1
Al-entry bail W33, H25	5F00 454170	2,90	0	0	0
Castor 3,0 kN, Ø 150, H33	3Z LKR 151 06	2,50	4	4	4
Castor 11,9 kN, Ø 200, w. spindle L60	5F SOG 840 00	9,00	0	0	0
Weight: [kg]			97,80	142,70	156,10
Ballast block	5F00 457205	10,60			
use into closed rooms	centric assembly		0	0	4 (0)
	lateral assembly		-	-	-
	lateral assembly w. outriggers		-	-	-
use in the open	centric assembly		0	4	8 (0)
	lateral assembly		-	-	-
	lateral assembly w. outriggers		-	-	-

Necessary ballast not included. For ballasting please refer to assembly guide.

* Erection not permitted.



5500 460204	5500 460205	5500 460206	5500 460207	5500 460208	5500 460209	5500 460210	5500 460211
6,50	7,50	8,60	9,60	10,60	11,60	12,60	13,60
5,75	6,75	7,85	8,85	9,85	10,85	11,85	12,85
4,50	5,50	6,60	7,60	8,60	9,60	10,60	11,60
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8	8	16	16	20	20	24	24
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1	1	1	1	1	1	1	1
6	11	10	10	12	15	17	17
0	0	0	0	0	0	0	0
4	6	6	8	8	10	10	12
0	0	2	2	2	2	2	2
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0	0	0	0	0	0	0	0
4	4	4	4	4	4	4	4
207,20	266,10	378,20	398,60	420,20	472,70	494,30	514,70
8 (0)	12 (0)	0	0	0	0	0	0
-	-	0	0	0	0	2	2
-	-	0	0	0	0	0	0
20 (0)	28 (0)	0	0	*	*	*	*
-	-	6	14	*	*	*	*
-	-	0	0	*	*	*	*

assco rapido 4606

Working space	0,75 m x 1,80 m
Length of mobile beam	1,80 m
Max. Working height	
In the open	7,30 m
In closed rooms	7,30 m
Load capacity	2 kN/m ² , Scaffold class 3 according to DIN EN 1004

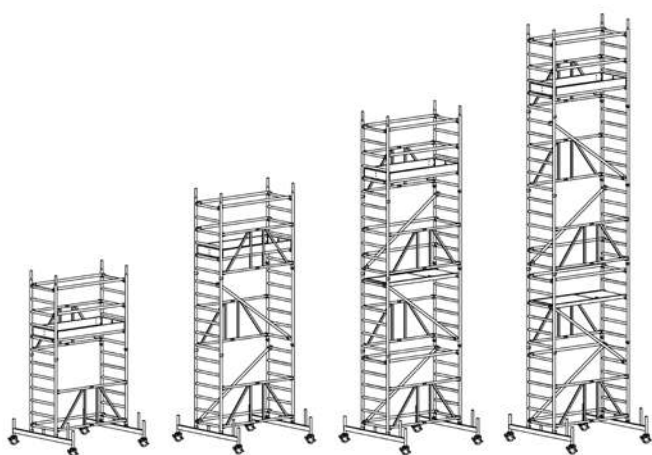


Scaffold Type/Code			5S00 460601	5S00 460600	5S00 460602
	Working height m		2,80	3,65	4,10
	Scaffold height m		1,80	2,80	3,20
	Standing height m		0,80	1,65	2,10
Components	Code	Weight [kg]			
Al-fold away unit L179, W75	5F00 451610	21,10	1	1	2
Al-ladder frame H100, W75	5F00 451110	5,00	0	2	0
Spring clip	3Z FED 301 00	0,10	0	4	4
Access deck L180, W68 w. hatch	5F00 452315	15,00	0	1	1
Deck L180, W68 w/o hatch	5F00 452415	14,60	1	0	0
Al-guard rail L180	5F00 453316	2,30	0	2	4
Al-diagonal L220	5F00 453616	2,60	0	0	0
Mobile beam L180	5FFA 805500	13,80	0	0	0
Horizontal brace L195	5F00 453340	5,50	0	0	0
Base Ledger L180	5F00 454330	7,40	0	0	0
Toe board, timber L180	5F00 456318	3,90	0	0	1
Toe board, foldable, timber L180, W75	5F00 456307	7,10	0	0	1
Castor 3,0 kN, Ø 150	3Z LKR 151 06	2,50	4	4	4
Bolt M 10 x 60 w. nut	3Z SES 010 01	0,05	4	4	4
Total weight: [kg]			45,90	61,30	88,00

Ballast block	5F00 457205	10,60		54,50			
use into closed rooms	centric assembly				0	8	16
	lateral assembly				-	-	-
	lateral assembly w. outriggers				-	-	-
use in the open	centric assembly				4	12	20
	lateral assembly				-	-	-
	lateral assembly w. outriggers				-	-	0

Necessary ballast not included. For ballasting please refer to assembly guide.

^aIt is suggested to use outriggers (an independent scaffold with outriggers to all sides doesn't require ballast).

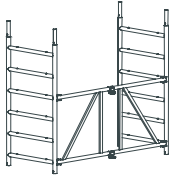




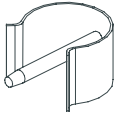








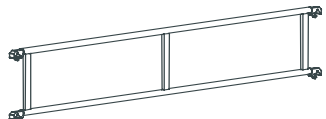
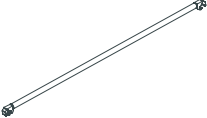
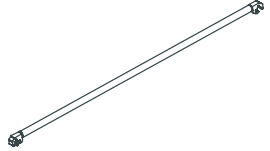
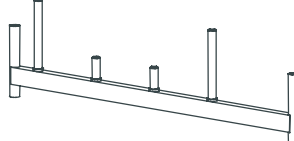
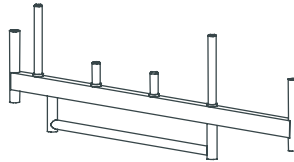
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2	3	4	5
0	0	0	0
8	12	16	20
1	1	2	2
0	0	0	0
4	4	8	8
0	2	3	4
2	2	2	2
0	0	0	0
0	0	0	0
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1	1	1	1
4	4	4	4
4	4	4	4
116,00	142,70	191,00	215,10

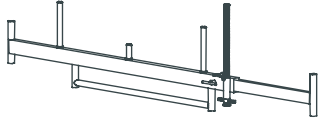










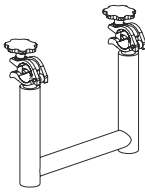
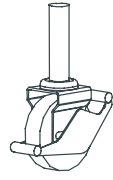
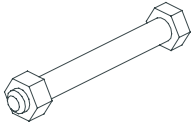

0	8	12	16
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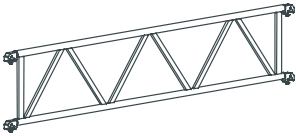


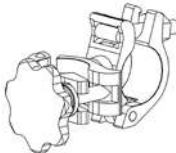
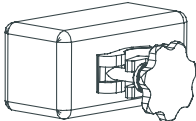
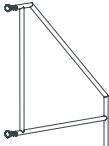
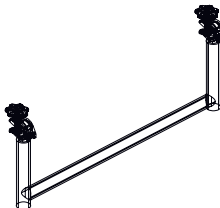







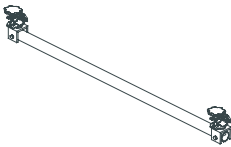
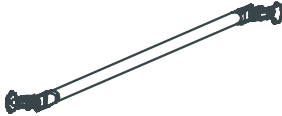

Desription/Comments	Picture	Measure m	Weight kg	Code
Main Components				
Al-fold away unit L179, W75 Nonskid ladder steps for type 4606		Length 1,80 Width 0,75 Height 1,50	21,10	5F00 451610
Al-ladder frame H100, W75 Nonskid ladder steps for type 4601		Height 1,00 Width 0,75	5,00	5F00 451110
Al-ladder frame H200, W75 Nonskid ladder steps for type 4601		Height 2,00 Width 0,75	9,30	5F00 451120
Al-ladder frame H100, W150 Nonskid ladder steps for type 4602		Height 1,00 Width 1,45	7,40	5F00 451210
Al-ladder frame H200, W150 Nonskid ladder steps for type 4602		Height 2,00 Width 1,45	14,10	5F00 451220
Spring clip Steel hot-dip galvanised, to secure the ladder frames			0,10	3Z FED 301 00
Access deck Working platform L180, W68 w. hatch Aluminium frame with laminated plywood surface for type 4606		Length 1,80 Width 0,68	15,00	5F00 452315
Deck Working platform L180, W68 w/o hatch Aluminium frame with laminated plywood surface for type 4606		Length 1,80 Width 0,68	14,60	5F00 452415
Access deck Working platform L285, W68 w. hatch Aluminium frame with laminated plywood surface for type 4601, 4602		Length 2,85 Width 0,68	22,50	5F00 452115

Desription/Comments	Picture	Measure m	Weight kg	Code
Access deck Working platform L285, W68 w/o hatch Aluminium frame with laminated plywood surface for type 4601, 4602		Length 2,85 Width 0,68	22,50	5F00 452125
Al-guard rail L180 To assemble the required side protection for type 4606		Length 1,86	2,30	5F00 453316
Al-guard rail L285 To assemble the required side protection for type 4602		Length 2,92	3,20	5F00 453116
Al-guard rail frame L285, H50, w. vertical struts To build the required side protection for type 4601, 4602		Length 2,92 Height 0,55	7,30	5F00 453137
Al-diagonal L220 To reinforce the fold away unit vertically for type 4606		Length 2,26	2,60	5F00 453616
Al-diagonal L335 To reinforce the ladder frames vertically for type 4601, 4602		Length 3,42	3,50	5F00 453126
Mobile beam L180, w/o entry bail Steel rectangular tube, hot-dip galvanised, to enlarge the basis. Applicable for working heights up to 7.30 m for type 4606		Length 1,80	13,80	5FFA 805500
Mobile beam L180, w. entry bail Steel rectangular tube, hot-dip galvanised, to enlarge the basis. Applicable for working heights up to 8.60 m for type 4601		Length 1,80	17,50	5F00 454110

Desription/Comments	Picture	Measure m	Weight kg	Code		
Mobile beam L228, telescopic, w. entry bail Steel rectangular tube, hot-dip galvanised, with one integrated telescope. To enlarge the basis for working heights up to 13.60 m. Applicable for type 4601, 4602		Length 2,15	45,80	5F00 454120		
Horizontal brace L195, half coupler w. star handle nut Steel hot-dip galvanised, to square the base of the rolling tower for type 4606		Length 1,99	5,50	5F00 453340		
Base ledger L180, half coupler w. star handle nut Steel hot-dip galvanised, to reinforce the base of the mobile tower for type 4606		Length 1,79	7,40	5F00 454330		
Base ledger L285, half coupler w. star handle nut Steel hot-dip galvanised, to reinforce the base of the mobile tower for type 4601, 4602		Length 2,85	11,00	5F00 454140		
Toe board, foldable, timber L180, W75 To build the required side protection at three sides for type 4606		Length 1,68	7,10	5F00 456307		
Toe board, foldable, timber L285, W75 To build the required side protection at three sides for type 4601		Length 2,74	9,30	5F00 456107		
Toe board, foldable, timber L285, W150 To build the required side protection at three sides for type 4602		Length 2,74	12,10	5F00 456215		

Desription/Comments	Picture	Measure m	Weight kg	Code		
Toe board, timber L180 To build the required side protection at fourth side for type 4606		Length 1,68	3,90	5F00 456318		
Toe board, timber L285 To build the required side protection at fourth side for type 4601, 4602		Length 2,74	6,00	5F00 456128		
Al-entry bail W33, H25 Made of aluminium, as entry to be assembled to the ladder frame		Width 0,33 Height 0,25	2,90	5F00 454170		
Castor 3,0 kN, Ø 150 Fits to the mobile beam L180, w/o entry bail, for type 4606		Height 0,33	2,50	3Z LKR 15106		
Special bolt M 10 x 60 w. nut To secure the castor 3.0 kN against falling out of the mobile beams		M 10 x 60	0,05	3Z SES 01001		
Castor 11,90 kN Ø200, w. spindle L60 Permissible load 11.90 kN, wheel Ø200 mm, with double sided brake device and load centring, the castor can be secured inside the mobile beams		Height 0,86	9,00	5F SOG 840 00		

Description/Comments	Picture	Measure m	Weight kg	Code		
Supplementary Components						
Al-guard rail frame L285, H50 w. braces Applicable as a supporting part for special special construction or as side protection for type 4601, 4602		Length 2,92 Height 0,55	8,00	5F00 453132		
Scaffold tie L110 Steel hot-dip galvanised, to link the mobile tower to available constructions below the working platform		Length 1,10	3,90	5FSNN 24000		
Scaffold tie L190 Steel hot-dip galvanised, to link the mobile tower to available constructions below the working platform		Length 1,90	8,00	5FSNN 24013		
Scaffold tie coupler w. star handle nut Steel hot-dip galvanised, to fix scaffold ties to the mobile tower			1,30	5F00 457222		
Ballast block 10.6 kg half coupler w. star handle nut Steel hot-dip galvanised, w. half coupler, for ballasting the mobile tower			10,60	5F00 457205		
Al-outrigger L150 For enlarging the base of the mobile tower where mobile beams cannot be used		Breite 1,50 Height 1,81	8,30	5F00 454160		
Lower deck support W90, H25 From Aluminium applicable as an entry step or to support the lowest deck for squaring the base of the mobile tower for type 4602		Width 0,90 Height 0,25	3,10	5F00 454150		
Horizontal brace L295, half coupler w. star handle nut Steel hot-dip galvanised, to square the base level of the mobile tower for type 4601		Length 2,99	7,60	5F00 453350		

Description/Comments	Picture	Measure m	Weight kg	Code
Supplementary Components				
Brace for outrigger L375 w. half coupler w. star handle nut For stabilizing outriggers L150 around the mobile tower for type 4601, 4602		Length 3,75	6,30	5F00 453150
Brace for outrigger L295 w. half coupler w. star handle nut For stabilizing outriggers L150 around the mobile tower for type 4606		Length 2,95	5,30	5F00 453370
Brace for outrigger adjustable w. half coupler w. star handle nut For stabilizing outriggers L150 around the mobile tower for type 4601, 4602, 4606		Length 3,19/ 3,40/3,81/ 3,95	7,50	5F00 453140
Outrigger L260 telescopic For enlarging the base of the mobile tower where mobile beams or outriggers L150 cannot be used for type 4601, 4602		Length 2,60	9,10	5F FAN 41000
Al-stabilizing tube for outrigger L260 To reinforce and stabilize the outrigger L260, telescopic for type 4601, 4602		Length 0,50	3,60	5F FAN 42000
Horizontal brace L320 adjustable w. half coupler w. star handle nut Steel hot-dip galvanised, to reinforce the base level of the mobile tower for type 4602		Length 3,20	8,10	5F00 453355
Base ledger L285 w. wedge fixing Steel hot-dip galvanised, to reinforce the base level of the mobile tower for type 4601, 4602		Length 2,85	11,30	5F00 454130



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