

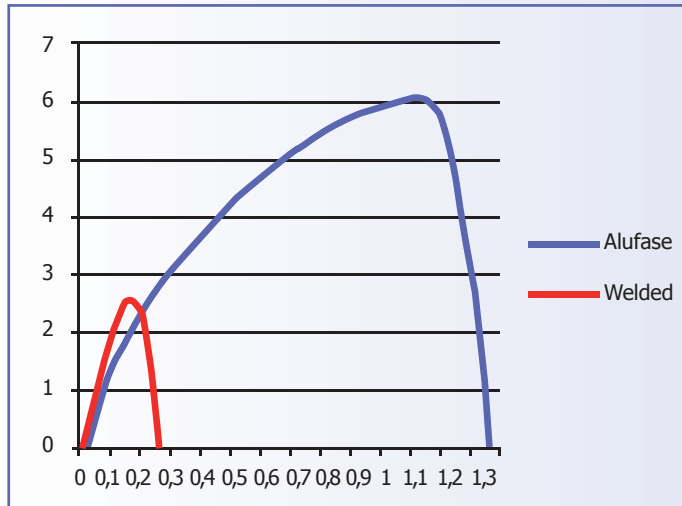




COLD DEFORMATION: A STRONGER ALTERNATIVE

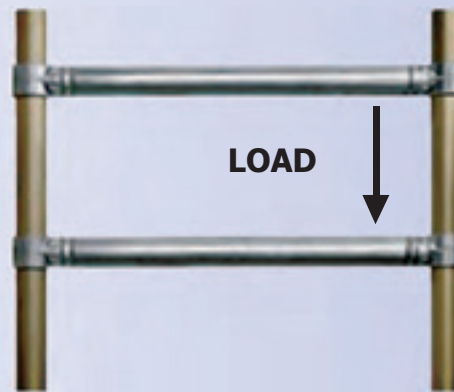
LOAD TEST: ALUFASE Vs WELDING

Load (Tons) / Deformation (mm)



The cold deformation system has been proven to be 3 times stronger than the traditional welding system.

At Alufase, we use this system on all our scaffoldings because they prove to have a higher resistance to breakage and are 10 times more durable.



COLD DEFORMATION SYSTEM ADVANTAGES:

- 3 TIMES STRONGER THAN A WELD
- 10 TIMES MORE DURABLE
- 250,000 LOAD CYCLES GUARANTEED
- ALWAYS PERFECT (NO X RAYS NEEDED TO CHECK IT)
- NO CRACK SPREADING
- NO THERMAL WEAKENING
- THINNER TUBE NEEDED = LIGHTER
- 100% ALUMINUM
- CAN BE ANODIZED OR PAINTED



Our engineering department is comprised of engineers with several years of experience in the scaffolding sector. They work with the latest CAD programs to provide solutions to your scaffolding problems.







Our scaffolding complies with the most stringent global standards. They are manufactured without **any type of welding** and made according to a special process of cold deformation. Alufase offers top quality scaffolding created from the best European raw materials such as lightweight aluminum alloy, Finnish birch plywood, and tempered die cast aluminum. All of our products have a **10 year warranty** against manufacturer's defects and each tube is individually tested. We have a large stock to fit all of your scaffolding needs and can ship products out immediately. Thanks to the more than 25 years of experience as an aluminum scaffolding rental company, Alufase manufactures top quality scaffoldings and scaffolding parts that are both durable and reliable. Our facilities are equipped with the latest technology and our staff consists of highly trained and experienced individuals who provide you with a superior product.









FRAMES



Manufactured with 1/16 inches thick aluminum tube without **any type of welding**, made according to a special process of cold deformation. Alufase offers top quality scaffolding created from the best European raw materials. The joints are designed to resist up to a maximum load of 11.000 lb and have a **10 year warranty**. That is up to 250,000 load cycles. You can customize the color of the frames you order by choosing any color from the RAL color card.

MODEL 300		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		111	3.2' FRAME. SINGLE WIDTH	2.43' x 3.91'	11.59 lb
		112	6.5' FRAME. SINGLE WIDTH	2.43' x 6.59'	19.71 lb
		121	3.2' FRAME. DOUBLE WIDTH	4.43' x 3.91'	15.39 lb
		122	6.5' FRAME. DOUBLE WIDTH	4.43' x 6.59'	25.53 lb





Similar to the model 300. Made with the same quality standards, the difference is the distance between rungs, in this model 400mm instead 300mm. It means lighter, cheaper and simpler parts. In accordance with European standard EN1004, do not use as a ladder. Accessory ladder is needed.

MODEL 400		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		141	4' FRAME. SINGLE WIDTH (400)	2.43' x 4.36'	8.77 lb
		142	5.5' FRAME. SINGLE WIDTH (400)	2.43' x 5.74'	18.57 lb
		143	6,9' FRAME. SINGLE WIDTH (400)	2.43' x 7.05'	16.36 lb
		151	4' FRAME. DOUBLE WIDTH (400)	4.43' x 4.36'	12.96 lb
		152	5.5' FRAME. DOUBLE WIDTH (400)	4.43' x 5.74'	16.75 lb
		153	6,9' FRAME. DOUBLE WIDTH (400)	4.43' x 7.05'	20.55 lb

MODEL 400 WITH LADDER








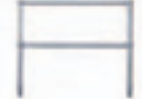


Another version of the model 400. This Model 400 frame comes with a ladder included. 100% compatible with the standard 400 model, making assembly easier and faster. This enables you to use the frames as a ladder. Made of top quality aluminum tubes and casting like the other models.

		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
MODEL 400		157	4' FRAME WITH LADDER. SINGLE WIDTH (400)	2.43' x 4.36'	11.46 lb
		156	6,9' FRAME WITH LADDER. SINGLE WIDTH (400)	2.43' x 7.05'	21.08 lb
		155	4' FRAME WITH LADDER. DOUBLE WIDTH (400)	4.43' x 4.36'	15.65 lb
		154	6,9' FRAME WITH LADDER. DOUBLE WIDTH (400)	4.43' x 7.05'	25.26 lb

GUARDRAILS









All towers are required to have a guardrail on the highest floor when assembled. The best way to assemble a tower is to use two guardrail frames and two guardrail bracing frames. However, you can use regular horizontal braces instead of guardrail bracing frames. The sizes of the guardrail frames vary for models 300 and 400.

		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
MODEL 300		131	GUARDRAIL FRAME. SINGLE WIDTH	2.43' x 2.73'	6.61 lb
		132	GUARDRAIL FRAME. DOUBLE WIDTH	4.43' x 2.73'	8.51 lb
		136	GUARDRAIL FRAME WITH SPIGOT FACING DOWN. SINGLE WIDTH	2.43' x 3.72'	7.89 lb
		137	GUARDRAIL FRAME WITH SPIGOT FACING DOWN. DOUBLE WIDTH	4.43' x 3.72'	10.18 lb
MODEL 400		161	GUARDRAIL FRAME. SINGLE WIDTH (400)	2.43' x 2.29'	6.43 lb
		162	GUARDRAIL FRAME. DOUBLE WIDTH (400)	4.43' x 2.29'	8.02 lb
		139	GUARDRAIL FRAME WITH SPIGOT FACING DOWN. SINGLE WIDTH (400)	2.43' x 3.72'	7.89 lb
		140	GUARDRAIL FRAME WITH SPIGOT FACING DOWN. DOUBLE WIDTH (400)	4.43' x 3.72'	9.43 lb

BRACES



Braces are used to join the different parts of the tower. Made of 1/16 inches thick aluminum tube, each bar includes a special hook which enables you to quickly and easily connect the different tubes without using tools, ensuring that they lock safely into place and have 225° of contact. Horizontal braces are used at the base when erecting scaffolding towers and as safety elements on other levels. Diagonal braces are used as structural elements.

MODEL 300 & 400	PART No.		DESCRIPTION	DIMENSIONS	WEIGHT
		200	3.5' LONG HORIZONTAL BRACE	3.97'	2.73 lb
		210	3.5' LONG DIAGONAL BRACE	4.92'	3.22 lb
		201	6' LONG HORIZONTAL BRACE	6.56'	3.84 lb
		211	6' LONG DIAGONAL BRACE	7.18'	4.05 lb
		202	8' LONG HORIZONTAL BRACE	8.49'	4.85 lb
		212	8' LONG DIAGONAL BRACE	8.57'	5.07 lb
		203	10' LONG HORIZONTAL BRACE	10.30'	5.77 lb
		213	10' LONG DIAGONAL BRACE	10.72'	5.99 lb

GUARDRAIL BRACING FRAMES





Guardrail bracing frames are used in conjunction with guardrail frames in order to complete the guardrail on the top level of a tower (see page 4). They are joined with braces that have undergone the same cold deformation process as the frames, making them strong and durable.

		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
MODEL 300		133	6' GUARDRAIL BRACING FRAME (300)	1.37' x 6.66'	10.76 lb
		134	8' GUARDRAIL BRACING FRAME (300)	1.37' x 8.59'	12.39 lb
		135	10' GUARDRAIL BRACING FRAME (300)	1.37' x 10.37'	14.20 lb
		163	6' GUARDRAIL BRACING FRAME (400)	1.84' x 6.66'	11.29 lb
		164	8' GUARDRAIL BRACING FRAME (400)	1.84' x 8.59'	13.05 lb
		165	10' GUARDRAIL BRACING FRAME (400)	1.84' x 10.37'	14.51 lb
MODEL 400					





BRACES WITH COUPLERS



Braces with couplers are used as guardrails inside the tower. They are safety devices which keep you from having to use a double platform in a double width tower. This increases the safety of the towers.

MODEL 300 & 400		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		207	3.5' LONG HORIZONTAL WITH COUPLERS	4.10'	4.05 lb
		204	6' LONG HORIZONTAL WITH COUPLERS	6.69'	5.15 lb
		205	8' LONG HORIZONTAL WITH COUPLERS	8.63'	6.04 lb
		206	10' LONG HORIZONTAL WITH COUPLERS	10.43'	6.79 lb



Our platforms are lightweight, strong, and durable and are made from Finnish plywood with a non-slip surface and extruded aluminum profiles. They are tested under strong quality standards. They have no welding and no special tools are required to repair or replace damaged parts. The maximum load for each unit is 550 lb and they have a double locking system to ensure safety under windy conditions. Ask for platforms without trapdoor.

MODEL 300 & 400		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		300	3.5' LONG TRAPDOOR	3.96' x 2'	19.18 lb
		301	6' LONG TRAPDOOR	6.56' x 2'	29.41 lb
		302	8' LONG TRAPDOOR	8.49' x 2'	38.71 lb
		303	10' LONG TRAPDOOR	10.30' x 2'	46.03 lb

OUTRIGGERS






Outriggers are required for towers that are higher than 6 feet. 100% aluminum casting. Provides stability and safety. Easy to assemble and fit together. Two different sizes available for different tower heights.

		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
MODEL 300 & 400		432	TELESCOPIC COMPULSORY IN ALL TOWERS HIGHER THAN 6 FEET	L= min 5.90' max 8.20'	11.52 lb
		433	NOT TELESCOPIC. REINFORCED COMPULSORY IN TOWERS HIGHER OR EQUAL THAN 20 FEET	L= 10.72'	15 lb

ADJUSTABLE LEGS






100% Aluminum casting. Comes in three different sizes which allow you to use and easily level the tower on ramps, grades, inclined surfaces and even stairways. The 2 feet and 2.6 feet models are reinforced with steel tubing inside. They are equipped with two systems for adjusting the legs, one by using a quick adjusting clamp and the other by rotating the clamp for more accurate adjustments.

MODEL 300 & 400	PART No.		DESCRIPTION	DIMENSIONS	WEIGHT
		401	ADJUSTABLE LEG LENGTH 1.3'	D= 1.84" L= 2.23" Lmax = 1.50"	2.47 lb
		402	ADJUSTABLE LEG LENGTH 2'	D= 1.84" L= 2.69" Lmax = 1.96"	4.68 lb
		403	ADJUSTABLE LEG LENGTH 2.6'	D= 1.84" L= 3.61" Lmax = 2.62"	6.44 lb

CASTORS









Castors and wheels are made of polyurethane from the Best European manufacturers

MODEL 300 & 400	PART No.		DESCRIPTION	DIIMENSIONS	WEIGHT
		411	5" POLYURETHANE NON-MARKING TREAD LOAD CAPACITY = 1300 lb.	H = 8.66" W = 3.54" L = 7.08"	4.94 lb
		412	6" POLYURETHANE NON-MARKING TREAD LOAD CAPACITY = 1500 lb.	H = 9.45" W = 3.54" L = 8.66"	5.96 lb
		413	8" POLYURETHANE NON-MARKING TREAD LOAD CAPACITY = 1500 lb.	H = 11.81" W = 3.93" L = 12.59"	9.62 lb
		410	5" POLYURETHANE NON-MARKING TREAD LOAD CAPACITY = 1100 lb. (ONLY FOR ALUSPEED)	H = 8.27" W = 3.15" L = 6.69"	3.71 lb
		414	8" POLYURETHANE NON-MARKING TREAD WITH STEEL SPINDLE LOAD CAPACITY = 1500 lb.	H = 11.8" W = 3.93" L = 33"	15 lb

WOODEN TOE BOARD

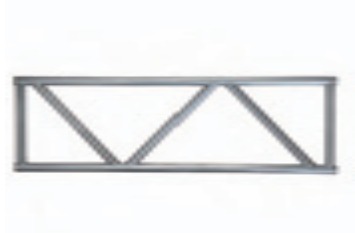


Made from the best Finish, weatherproofed plywood. Lightweight and simple assembly. Toe boards can be reinforced with aluminum, please ask for a quote.

MODEL 300 & 400		DESCRIPTION	PART No.	WEIGHT
		SIZE SINGLE WIDTH (W = 0.59' ; L= 2.29')	501	0.88 Kg
		SIZE DOUBLE WIDTH (W = 0.59' ; L= 4.26')	502	1.62 Kg
		SIZE 3.5' (W = 0.49' ; L= 3.67')	506	1.36 Kg
		SIZE 6' (W = 0.49' ; L= 6.27')	503	2.22 Kg
		SIZE 8' (W = 0.49' ; L= 8.20')	504	3.10 Kg
		SIZE 10' (W = 0.49' ; L= 10')	505	3.96 Kg



LATTICE BEAMS



Made of 1/10 inch. thick tubing. Usually used for scaffolding structures, but they also have other applications. Strong and lightweight. Inquire about custom sizes.

MODEL 300 & 400		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		621	TRUSS 6"	1.80' x 6.07'	15.53 lb
		622	TRUSS 8"	1.80' x 8.2'	19.77 lb
		623	TRUSS 10"	1.80' x 9.78'	23.91 lb






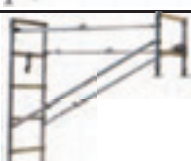
These are used for models 300 and 400. Made of 100% aluminum casting. They are easy to assemble. Available in two different types. Ladders with braces are used for ground floors and models without braces are used for higher floors.

		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
MODEL 300 & 400		801 805	6 STEP LADDER WITHOUT BRACE (801 for Model 300, 805 for model 400)	1.21' x 6.89'	11.81 lb
		802 806	6 STEP LADDER WITH BRACE (802 for Model 300, 806 for model 400)	1.25' x 6.17'	13.91 lb

FOLDING SCAFFOLD







Aluspeed and Alustair our foldable scaffold, quick, easy and simple to use. Aluspeed is a 6 feet high and long folding scaffold used for working at height of up to 12 feet. It folds up and can be loaded into a small van. Because it folds, it is easy to set up (only one person required) and you never lose parts. Alustair is a 6 feet high and 6 or 8 feet length folding scaffold used for work on stairways. The quickest and simplest way to erect a scaffold on a stairway.

ALUSPEED AND ALUSTAIR	PART No.	DESCRIPTION	DIMENSIONS (unfolded)	WEIGHT
	 198	ALUSPEED 300 WITHOUT CASTORS AND PLATFORM	H = 5.90' W = 2.43' L = 6.50'	50.7 lb
	 197	ALUSPEED 400 WITHOUT CASTORS AND PLATFORM	H = 5.90' W = 2.43' L = 6.50'	44.45 lb
	 998	ALUSPEED 300 "RTU" WITH CASTORS AND PLATFORM INCLUDED	H = 7.05' W = 2.43' L = 6.50'	102.65 lb
	 997	ALUSPEED 300 "RTU" WITH CASTORS AND PLATFORM INCLUDED	H = 7.05' W = 2.43' L = 6.50'	96.39 lb
	 195	ALUSTAIR 8'	H=5.90' W=2.43' L=6.50'	42.43 lb
	 196	ALUSTAIR 6'	H=5.90' W=2.43' L=6.50'	54.36 lb

RTU: Ready To Use

QUICK BASES (FOLDING BASES)











Our folding quick bases are 2m high and used as a base to erect standard towers. Because it folds, it is easy to set up (only one person required) and you never lose parts. Available in models 300 and 400. (It doesn't include legs castors nor platform)

MODEL 300	PART No.		DESCRIPTION	DIMENSIONS (unfolded)	WEIGHT
		171 / 171Q 181 / 181Q	6 FT QUICK BASE. SINGLE WIDTH (300) / (400)	H = 7.22' W = 2.43' L = 6.75'	61.95 lb
		172 / 172Q 182 / 182Q	8 FT QUICK BASE. SINGLE WIDTH (300) / (400)	H = 7.22' W = 2.43' L = 8.40'	64.88 lb
		174 / 174Q 184 / 184Q	6 FT QUICK BASE. DOUBLE WIDTH (300) / (400)	H = 7.22' W = 4.43' L = 6.75'	82.09 lb
		175 / 175Q 185 / 185Q	8 FT QUICK BASE. DOUBLE WIDTH (300) / (400)	H = 7.22' W = 4.43' L = 8.40'	85.58 lb

ACCESSORIES, COUPLERS AND BASE PLATE






100% die cast aluminum (except base plate which is made of steel). These parts enable you to set up scaffolding towers according to your company's needs.

	PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
COUPLERS	 601	IN-LINE COUPLER	H = 0.33' W = 0,10' L = 0,49'	1.15 lb
	 602	RIGHT ANGLE COUPLER	H = 0.33' W = 0,39' L = 0,62'	1.98 lb
	 603	SWIVEL COUPLER	H = 0.36' W = 0,26' L = 0,62'	2.25 lb
PARTS	 420	BASE PLATE MAX LOAD 5800 lb	H = 0.39' W = 0,49' L = 0,49'	3.48 lb
	 421	AMERICAN BASE PLATE	H= 0.39" W=0,49" L=0,15"	1.80 lb
	 640	GUARDRAIL POST	3.18' x 2.36'	1.41 lb
	 630	FRAME FOR CANTILEVER	2.43' x 3.67'	6.35 lb
	 650	WALK THROUGH "U" SINGLE WIDTH	D= 2' L= 3.51'	7.28 lb
	 631	WALL BRACES (Includes eyescrews))	H= 0.39" W=0,49" L=0,15"	2,43 lb
	 660	DW/SW ADAPTOR	D=2' L=1.28'	1.96 lb

WALK - THROUGH SYSTEM






This system is based on the 400 system. Alufase has developed scaffolding frames you can walk through. This makes façade works easy. With these frames it is possible to access different floors within the building. Meets the HD1004 standard.

MODEL 400		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		158	WALK-THROUGH FRAME	4.43' x 7.05'	32.72 lb
		651	"U" GUARDRAIL WALK-THROUGH FRAME	4.43' x 3.81'	10.58 lb
		138	GUARDRAIL WALK-THROUGH FRAME	4.43' x 3.67'	11.55 lb

WALK - THROUGH

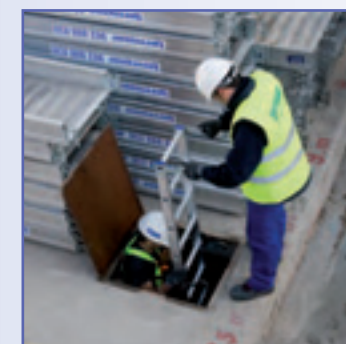


100% aluminum casting walkway. The Alu-Bridge design comes with an integrated toeboard and is reversible for use as a walkway with no toeboard. Decks, large working platforms, and long façade structures are now easy and cheap to assemble with this product. Its non-slip surface allows you to use it in hundreds of ways and was designed according to the Alufase logo. Accessory parts are available which perform your Alubridge construction as a safe skywalk with guardrail or braces for reinforce. Up to 29.5 Feet.

ALUBRIDGE	PART No.		DESCRIPTION	DIMENSIONS	WEIGHT
		740	ALU-BRIDGE 4.0 (13')	2.03' x 13.12'	74.96 lb
		750	ALU-BRIDGE 5.0 (16.5')	2.03' x 16.4'	85.98 lb
		760	ALU-BRIDGE 6.0 (20')	2.03' x 19.68'	103.62 lb
		770	ALU-BRIDGE 7.0 (23')	2.03' x 22.96'	119.05 lb
		790	ALU-BRIDGE 9.0 (29.5')	2.03' x 29.53'	171.96 lb
		701	ALU-BRIDGE GUARDRAIL POST	L= 3.69'	8.29 lb
		702	SHORT KNEE BRACE	L= 3.93'	5.07 lb
		703	LONG KNEE BRACE	L= 6.68'	6.61 lb
		E-01	TUBE FOR GUARDRAIL	D= 2 inch x L= up to 20'	0.43 lb/feet

ALUBRIDGE





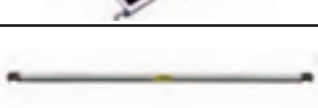







ALU-FOLD












The only solution that meets safety, simplicity and speed in a single folding scaffold specifically designed for man-holes, boilers and confined spaces. Available in two sizes 6' and 4.2'.

ALUFOLD		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		190/193	ALUFOLD BASE (4.2'/6')	H = 6.20'/6.20' W = 4.46'/6.23' L = 4.46'/6.23'	80.93/88.49 lb
		191/194	ALUFOLD INTERMEDIATE (4.2'/6')	H = 6.20'/6.20' W = 4.46'/6.23' L = 4.46'/6.23'	82.74/91.12 lb
		166/167	ALUFOLD GUARDRAIL SECTION (4.2'/6')	H = 6.20'/6.20' W = 4.46'/6.23' L = 4.46'/6.23'	62/77.39 lb
		318/315	ALUFOLD PLATFORM (4.2'/6')	4.59' x 1.84' / 6.27' x 1.84'	21.81/29.30 lb
		208/209	ALUFOLD HORIZONTAL (4.2'/6')	4.59' x 6.36'	3.07/4.04 lb
		808	ALUFOLD LADDER	H = 6,10' W = 1.18'	13.3 lb
		507/509	ALUFOLD TOEBOARD LONG (4.2'/6')	W = 0.49'/0.49' L =	3.63/5.44lb
		508/510	ALUFOLD TOEBOARD WIDE (4.2'/6')	W = 0.59'/0.59' L = 3.87'/5.84'	3.07/4.93 lb

COMMON SPARE PARTS

Almost all Alufase scaffolding parts can be easily repaired. We sell spare parts so you can do-it-yourself and save time and money. Enquire about more parts.

SPARE PARTS		PART No.	DESCRIPTION	DIMENSIONS	WEIGHT
		901	FRAME CLIP	TH= 1" L= 2.3"	0.06 lb
		F02	SPIGOT	D=1.85" L=0.54"	0.46 lb
		925	AMERICAN LEG LOCK	H = 2.3" W = 2.3" L = 2.3"	0.50 lb
		904	PLATFORM LATCH (COMPLETE)	W = 1.57" L = 4.72"	0.14 lb
		905	STABILIZER LONG PIN CLIP	TH= 0.1" L= 2"	0.123 lb
		903	PLATFORM TRAPDOOR ASSEMBLY	15.74' x 20.67'	5.21 lb
		T09	FRAME SCREW	D= 0.2" L= 7.8"	0.014 lb
		E11	PLATFORM HOOK	TH= 0.7" L= 6.2"	0.44 lb
		T13	PLATFORM SCREW	D= 0.2" L= 2.3"	0.03 lb

TOWER ASSEMBLY



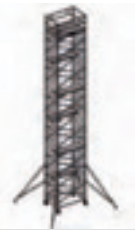
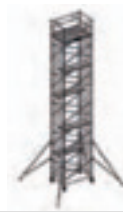
PLATFORM HEIGHT



Part Nr.	DESCRIPTION	6"	12"	18"	24"
112	Frame SW 0,74 x 2 m	2	4	6	8
131	Guardrail frame SW	2	2	2	2
133-135	Guardrail bracing frame	2	2	2	2
201-203	Horizontal brace	1	1	1	1
211-213	Diagonal Brace	2	4	6	8
301-301	Platform with trapdoor	1	2	3	4
404	Leg adjuster	4	4	4	4
410-413	Castor	4	4	4	4
501	Toeboard SW	2	2	2	2
503-505	Toeboard	2	2	2	2
432	Stabilizer Telescopic		4		
433	Stabilizer Reinforced			4	4

SINGLE WIDTH

PLATFORM HEIGHT

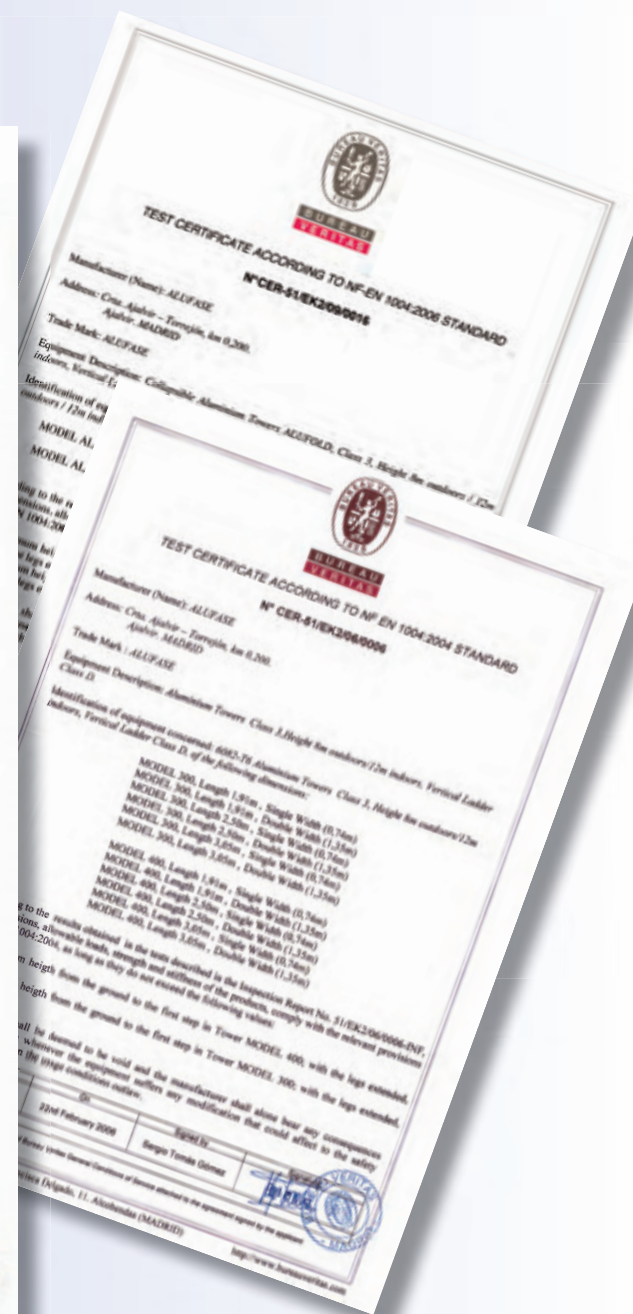


Part Nr.	DESCRIPTION	6"	12"	18"	24"	30"	36"
122	Frame DW 1,35 x 2 m	2	4	6	8	10	12
132	Guardrail frame DW	2	2	2	2	2	2
133-135	Guardrail bracing frame	2	2	2	2	2	2
201-203	Horizontal brace	2	2	2	2	2	2
211-213	Diagonal Brace	4	8	12	16	20	24
301-3014	Platform with trapdoor	2	3	4	5	6	7
404	Leg adjuster	4	4	4	4	4	4
410-413	Castor	4	4	4	4	4	4
502	Toeboard DW	2	2	2	2	2	2
503-505	Toeboard	2	2	2	2	2	2
432	Stabilizer Telescopic		4	4			
433	Stabilizer Reinforced				4	4	4

DOUBLE WIDTH

Note: H - HEIGHT ; W- WIDE ; L- LENGTH ; D-DIAMETER ; TH - THICKNESS

Pictures and diagrams are for illustrative purposes only. Though constant effort to improve our products, specifications may change without notice.







905 668 3276

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