

ISO 9000
EN ISO
9606

GUARANTEE
5
YEARS

Capacity
200
Kg/m²

MADE IN ITALY

professional use

NON-POLLUTING
GALVANIZING

European
EN1004.1.2
Standards

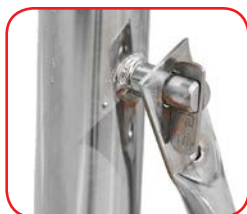
POLITECNICO
MILANO



LADDERS
INCLUDED IN THE
STRUCTURE.

REDUCED NUMBER
OF COMPONENTS.

QUICK AND EASY
ASSEMBLY.



STRUCTURE, LABELS &
MANUALS HAVE BEEN UPDATED
IN COMPLIANCE WITH THE
NEW EUROPEAN STANDARDS
UNIEN1004.1.2 OF 02/2021



IDEAL FOR RENTALS,
BUILDERS AND
CRAFTSMEN, FOR
OUTDOOR USE UP TO
15 METERS

SVELT is a leading company in the manufacturing of tower-scaffolding systems for industrial and heavy duty use with perfect static structures, resistant and easy to assemble. Eurotech has many innovations:

1) Special crossbar position creates in each span 4 isostatic and non-deformable triangles which prevent the scaffolding from swaying even when used at great heights. An optional device allow to take 2 crossbars away in order to leave a wide-side working space.

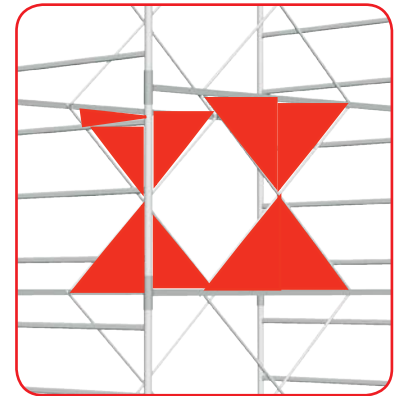
2) The crossbars fixing is made through the quick pin system

3) The new non-skid rungs allow a stable step when climbing

4) Frames A fit into tube of guardrails B pressing down on them. The scaffold becomes firmer the higher it is raised (because compression is distributed on the whole structure).

5) The Base is modular, equipped with 4 removable and adjustable levellers, 200 mm diameter wheels with brakes and requires neither screws nor tools to be assembled.

6) Names of components and example of an assembled scaffold with working platforms. Components have different colours to understand easily where to place them (blue base, silver spans, red protection railing and guard-rails).



1) Crossbar position creates 4 isostatic triangles



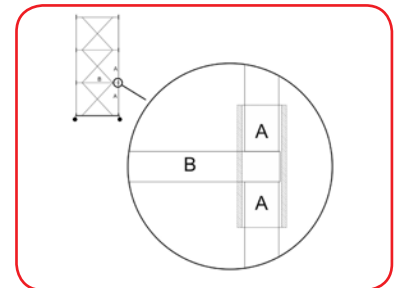
2) Crossbar insertion



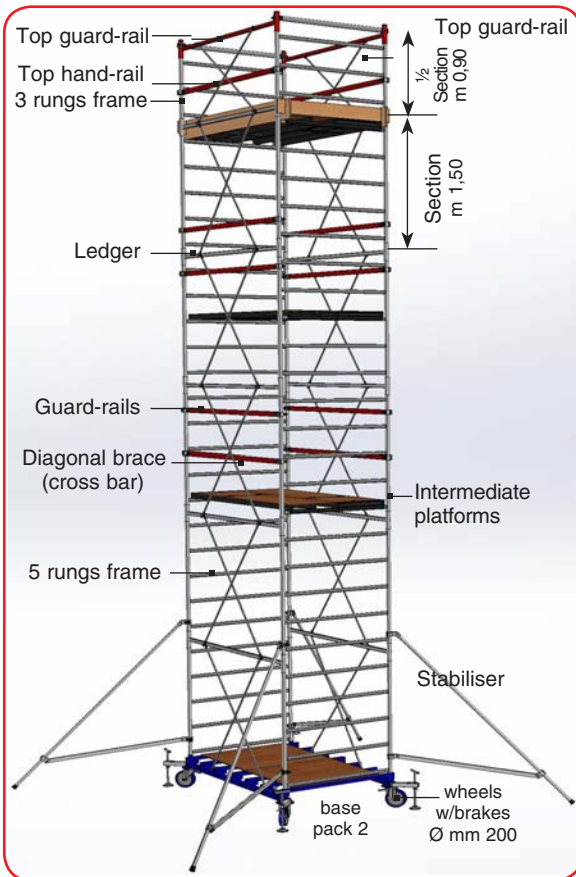
NON-POLLUTING GALVANIZING



3) Non-skid rung



4) Compression effect



6) Names of components



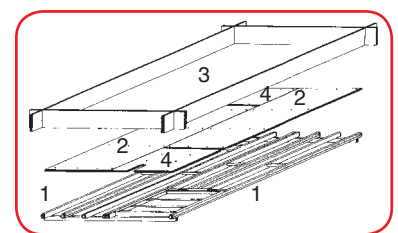
5) Base with 4 levellers



Servo System: new accessory for safely assembling the frames according to EN1004.2

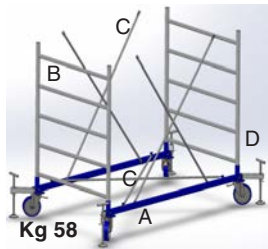


Component nomenclature for a full platform:
 2 frames + platform with trap door
 2 long toeboards
 2 short toeboards
 1 windproof hook



7) The working platform consists of two independent lower frames (1) which provide a secure support made of painted steel (epoxy powders) against rust or ribbed aluminium. On the frames are nailed two wooden platforms (2), resistant to atmospheric agents and completed by 4 toeboards (3). Two opposing trapdoors (4) allow a safe and quick passage of the workers inside the scaffolding. They also allow the 3T assembly system (Through The Trapdoor).

EUROTECH composition according to **UNIEN1004** European Standards based on the chosen height. The diagrams indicate both to the final customer and to the retailer the no. of pieces and the obligatory accessories for each height (code, shape and colour). The wheels with brakes have a diameter of 200 mm.



Kg 58

BASE

- A 2 base
- B 2 frame with 5 rungs
- C 6 crossbars
- D 4 adjustable levellers
- TTECH1P2

PIANI DI PASSAGGIO

SINGLE PLATFORM
(SPARE PART)

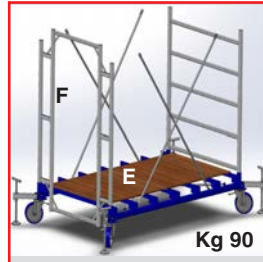
INTERMEDIATE PLATFORM
INCLUDING 2 TRAPDOORS



TTECH1055 steel Kg 16,4
TTECH1085 aluminium Kg 13



TTECH111 steel Kg 32,8
TTECH116 aluminium Kg 26

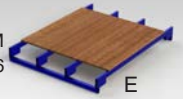


Kg 90

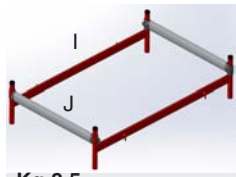
OPTIONAL: BASE WITH COMFORT ENTRANCE

Example of base assembled with entry frame F and with 2 base platforms E optional

BASE PLATFORM
TTECH1056
Kg 12,5



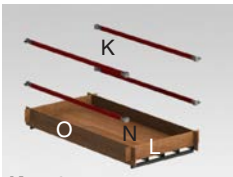
ENTRY FRAME TTECH1501



Kg 8,5

GUARDRAIL

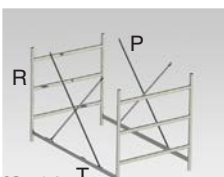
- I 2 top ledgers
- J 2 top aluminium guardrails (Kg 1,16)
- TTECH101



Kg 59

PLATFORM

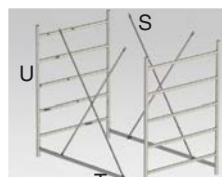
- K 4 additional handrails
- L 2 short toeboards
- O 2 long toeboards
- N 2 trapdoor working platform



Kg 21

1/2 SPAN m 0,90

- P 4 short crossbars
- T 2 ledgers
- R 2 frame 3 rungs
- TTECH130



Kg 30

SPAN m 1,50

- S 4 long crossbars
- T 2 ledgers
- U 2 frame 5 rung
- TTECH150



Kg 10

KIT OPEN SPACE SPAN or ROOF ACCESS

- V 4 red braces with fixing hinges
- TPROF057 cad.

4 STABILIZERS



AEUROTECHSTAFFA



TTECH1014 right
TTECH1015 left

platform height	BASE	SPANS COMPONENTS					TOP GUARDRAILS COMPONENTS			ACCESSORIES				
		m 1,50		m 0,90										
code	ttech1545	ttech1510	aurotech000	ttech1511	ttech1500	ttech1503	ttech1525	ttech1530	aurotechparapett	aurotechstaffa	ttech1014/15	587E/A	wood/steel	
color	blu	silver	silver	silver	silver	silver	aluminium	red	red	silver	silver	wood	plat./base plat.	
name	base	crossbar	ledger	crossbar	frame 5	frame 3	aluminium guardrail	top ledger	handrail	stabilizers	levellers	toeboard kit	plat./base plat.	
m	N.	N.	N.	N.	N.	N.	N.	N.	N.	N.	N.	N.	N.	
0,51/0,81	2	6	0	0	2	0	2	2	4	0	4	1	1/0	
1,11	2	2	2	8	0	4	2	2	4	0	4	1	1/0	
1,41/1,71	2	6	2	4	2	2	2	2	4	0	4	1	1/0	
2,01/2,31	2	10	2	0	4	0	2	2	4	4	4	1	1/0	
2,61	2	6	4	8	2	4	2	2	4	4	4	1	1/0	
2,91	2	10	4	4	4	2	2	2	4	4	4	1	1/0	
3,21	2	10	4	4	4	2	2	2	4	4	4	1	1+1*0	
3,51	2	14	4	0	6	0	2	2	4	4	4	1	1+1*2	
3,81	2	14	4	0	6	0	2	2	8	4	4	1	2/0	
4,11	2	10	6	8	4	4	2	2	8	4	4	1	2/0	
4,41/4,71	2	14	6	4	6	2	2	2	8	4	4	1	2/0	
5,01/5,31	2	18	6	0	8	0	2	2	8	4	4	1	2/0	
5,61	2	14	8	8	6	4	2	2	8	4	4	1	2/2	
5,91/6,21	2	18	8	4	8	2	2	2	12	4	4	1	3/0	
6,51/6,81	2	22	8	0	10	0	2	2	12	4	4	1	3/0	
7,11	2	18	10	8	8	4	2	2	12	4	4	1	3/0	
7,41	2	22	10	4	10	2	2	2	12	4	4	1	3/0	
7,71	2	22	10	4	10	2	2	2	12	4	4	1	3/2	
8,01/8,31	2	26	10	0	12	0	2	2	16	4	4	1	4/0	
8,61	2	22	12	8	10	4	2	2	16	4	4	1	4/0	
8,91/9,21	2	26	12	4	12	2	2	2	16	4	4	1	4/0	
9,51	2	30	12	0	14	0	2	2	16	4	4	1	4/0	
9,81	2	30	12	0	14	0	2	2	16	4	4	1	4/2	
10,11	2	26	14	8	12	4	2	2	20	4	4	1	5/0	
10,41/10,71	2	30	14	4	14	2	2	2	20	4	4	1	5/0	
11,01/11,31	2	34	14	0	16	0	2	2	20	4	4	1	5/0	
11,61	2	30	16	8	14	4	2	2	20	4	4	1	5/0	
11,91	2	34	16	4	16	2	2	2	20	4	4	1	5/2	

* Additional optional platforms suggested for greater ease of assembly - The most "convenient" heights in terms of price are shown in red. Over 12.21 m (workin platform), the scaffolding complies only with the local standard: mandatory anchoring and all platforms must be equipped with toeboards. The double height indicates the possibility of moving the platform by 30 cm with the same structure and accessories purchased.



Eurotech is made in steel FE360 galvanised against rust. It is safe to use and easy to assemble. The crossbars create a perfectly static structure with no swaying at all even at great heights. According to European Standards the operator can climb to the working platforms by using the frame rungs. The distance between rungs is just 30 cm. So it is not necessary to add ladders inside the scaffolding. The base crossbars are the same as the span ones. Made with the new European Standards UNI EN 1004-1-2 2021.

- POSSIBLE HEIGHTS: from m 1,90 to m 13,90
- SIZE: m 2,00 x 1,20
- MAX CAPACITY: kg 200/m² (including 2 operators) CLASS 3
- 5 RUNGS SPAN: height m 1,50, weight kg 30
- ½ SPAN 3 RUNGS: height m 0,90, weight kg 21
- Each tower is equipped with instruction manual and labels
- Sections in resistant steel Ø 45 mm

All components are marked with year of production and Svelt logo.

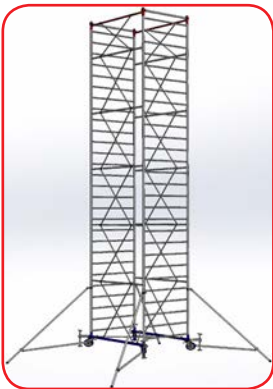


New SERVOSYSTEM: it is an accessory that allows the safe assembly of the frames according to EN1004.2. The operator uses it as a "hanger" by assembling the frame without risk and without the need to climb on the rungs below - **TTECHSER** each. 2.7 kg. Recommended for the following floor heights: 3.51-5.01-5.61 m and all heights over 6.51 m.

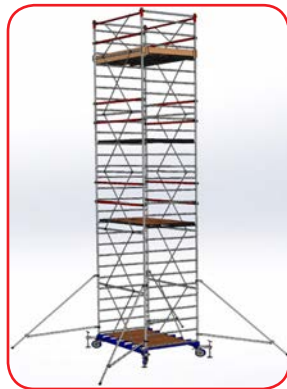


ACCESSORIES

- **TTECH110** Steel platform with 2 trapdoors and toeboards (m 2,04x1) - Kg 40,4
- **TTECH115** Alu platform with 2 trapdoors and toeboards (m 2,04x1) - Kg 33,6
- **TTECH111** Steel platform with 2 trapdoors without toeboards (m 2,04x1) - Kg 32,8
- **TTECH116** Alu platform with 2 trapdoors without toeboards (m 2,04x1) - Kg 26
- **TTECH115/A** Full aluminium platform with 2 trapdoors with aluminium toeboards (m 2,04x1)
- **TTECH116/A** Full aluminium platform with 2 trapdoors without toeboards (m 2,04x1)
- **587E/A** Set 4 fermapiedi legno (2 lunghi+2 corti) Kg 7,6
- **TTECH1056** Base platform (m 1x0,56) - Kg 12,5
- **TTECH1501** Entry base frame - Kg 18
- **TTECH101** Top guardrail (2 handrails + 2 ledgers) - Kg 8,5
- **AEUROTECHPARAPETT** 4 safety guardrails mandatory for each additional platform
- **AEUROTECHSTAFFA** stabilizer
- **AEUROTECHCOPERTUR** Open space span Kit (allow to take crossbars away, getting free space on the façade)



Eurotech 1 Structure



Eurotech 1 Including all accessories (EN1004)

Height plat. m	total m	working m	Stabiliz. n.	Span 1,5 m n.	Top Guardrails n.	Levellers n.	Structure **	Working platform + Toeboards n.	Intermediate platforms n.	Guardrails n.	EUROTECH1 European standards (EN1004) codes include all mandatory accessories (platforms and guardrails)
0,81	1,90	2,81	-	1	2+2	4	AEUROTECH190	1	-	4	AEUROTECHC190
2,31	3,40	4,31	4	2	2+2	4	AEUROTECH340	1	-	4	AEUROTECHC340
3,81	4,90	5,81	4	3	2+2	4	AEUROTECH490	1	1	8	AEUROTECHC490
5,31	6,40	7,31	4	4	2+2	4	AEUROTECH640	1	1	8	AEUROTECHC640
6,81	7,90	8,81	4	5	2+2	4	AEUROTECH790	1	2	12	AEUROTECHC790
8,31	9,40	10,31	4	6	2+2	4	AEUROTECH940	1	3	16	AEUROTECHC940
9,51	10,60	11,51	4	7	2+2	4	AEUROTECH1060	1	3	16	AEUROTECHC1060
11,31	12,40	13,31	4	8	2+2	4	AEUROTECH1240	1	4	20	AEUROTECHC1240
12,81	13,90*	14,81	4	9	2+2	4	AEUROTECH1390				

* Maximum height self-limited to 13.90 m.

** Structure Only (orange) codes include complete base and end top guardrails. The codes in the blue table include all the mandatory accessories for EN1004.

• In Eurotech scaffolding compliant with European standards UNIEN1004-1-2, the intermediate platforms can be used without toeboards. Anchoring is not mandatory.

• Over 12.00 m (platform height), the scaffolding complies only with the local standard: mandatory anchoring and all platforms must be equipped with toeboards.

• The TABLE shows the most "convenient" heights with spans of 1.5 m. Intermediate spans of 0.90m can be added upon request.

• To understand the number and type of individual components for each height, see page 13.