



## Tehrical ladders EXPERT

EXPERT ladders have been designed especially for those who need a robust and durable, as well as a very light and handy ladder. These characteristics are guaranteed by strong aluminium profiles with strengthened highest points. Consequently, the load capacities according to the European standard EN 131 are easily reached and exceeded, which are regularly certified by the TÜV München institution.

All components have been developed and manufactured with a clear vision to ensure the highest level of safety, reliability and durability. This makes ladders of the EXPERT class ideal for everyday heavy duty use and more demanding professional use.



### EXPERT

Type 35

Type 36

Type 37

Type 38

Type 40

**EN 131**

Europäische Norm  
European Standard  
Norme Européenne



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## Tehcnical ladders EXPERT

## Type 38

Triple reform ladders.



### 1. RUNG

Wide ribbed rungs for safe climbing.



### 2. SLIDING MECHANISM

Made of quality galvanised steel for 100-percent safety.



### 3. STABILIZER BAR

A firmly fastened stabiliser bar prevents ladders from inclining even when working at the greatest heights.

max.  
150 kg



### 4. FIXING THE RUNG ON THE PROFILE

Rung extension within the profile and orbital riveting guarantee strenght of all rungs.



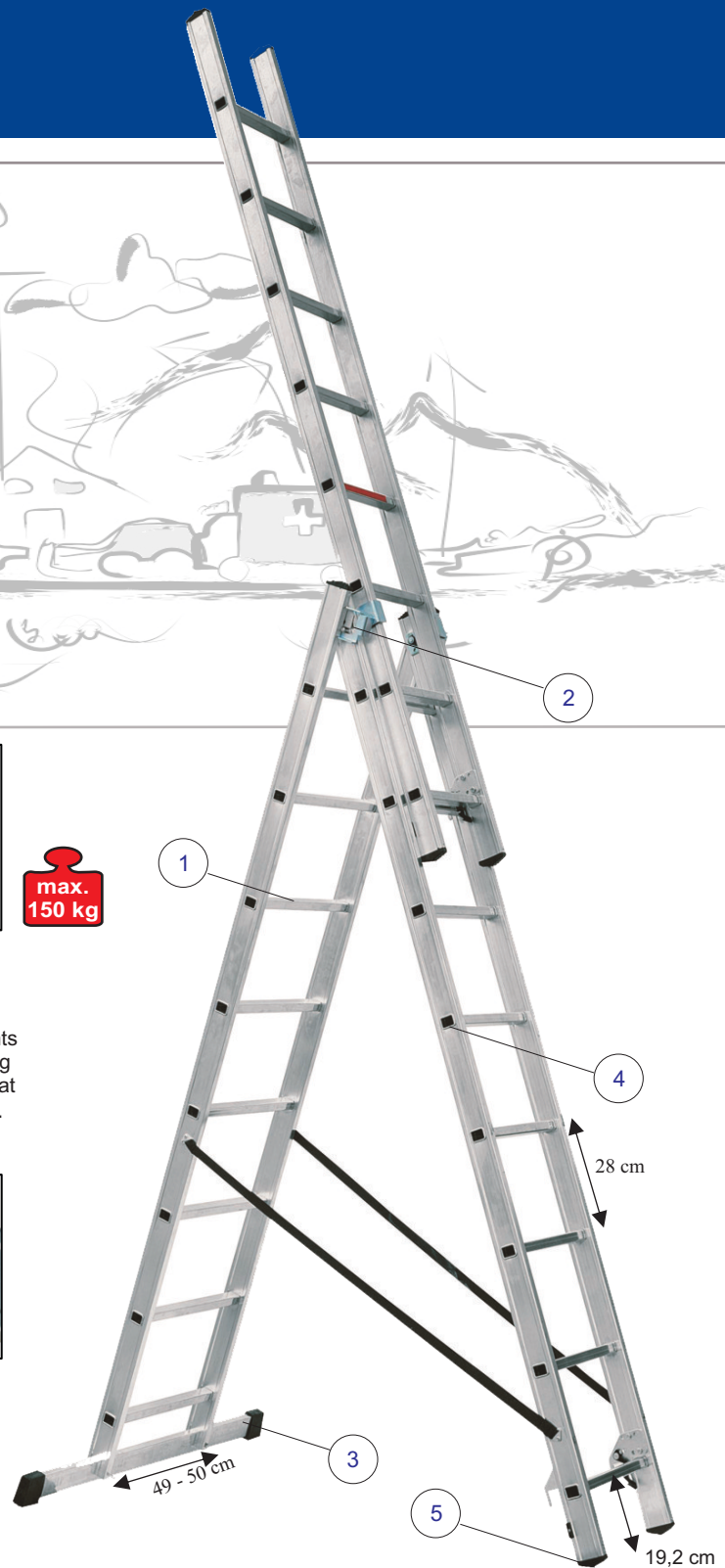
### 5. FOOT

Non-slip feet made from quality rubber guarantee safety on all suitable surfaces.



### 6. CASTERS

For facilitated use for sizes exceeding 3 x 12 rungs.



Tip Type									kg
38-07	3 x 7	2,15	4,80	4,00	5,80	3,34	1,98	3,78	14,6
38-08	3 x 8	2,43	5,60	4,51	6,31	3,93	2,57	4,37	16,6
38-09	3 x 9	2,71	6,10	5,01	6,81	4,37	3,01	4,81	18,0
38-10	3 x 10	2,99	6,41	5,32	7,12	4,74	3,38	5,18	19,9
38-11	3 x 11	3,27	7,22	6,13	7,93	5,00	3,65	5,45	22,4
38-12	3 x 12	3,55	8,30	7,21	9,01	5,81	4,45	6,25	27,8
38-13	3 x 13	3,84	8,58	7,49	9,29	6,08	4,72	6,52	30,1
38-15	3 x 15	4,40	10,20	9,11	10,91	7,03	5,72	7,52	39,3

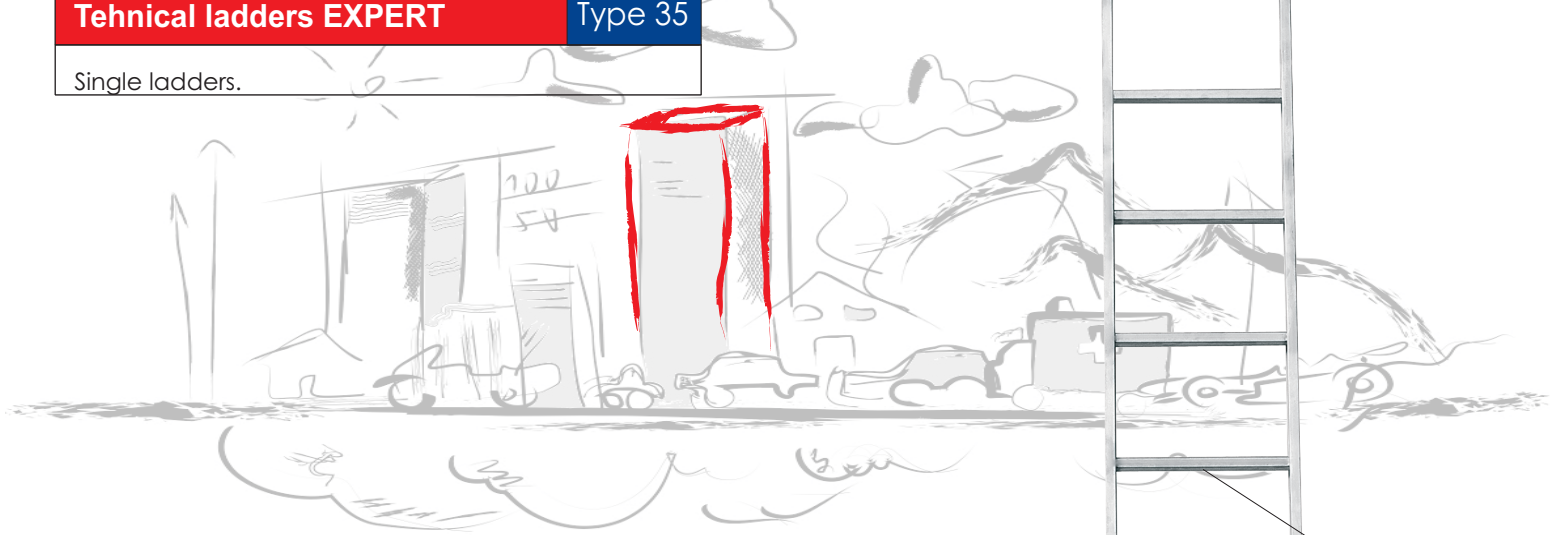


**EN 131**  
Europäische Norm  
European Standard  
Norme Européenne

Tehcnical ladders EXPERT

Type 35

Single ladders.



1. FIXING THE RUNG ON THE PROFILE

Rung extension within the profile and orbital riveting guarantee strenght of all rungs.



3. FOOT

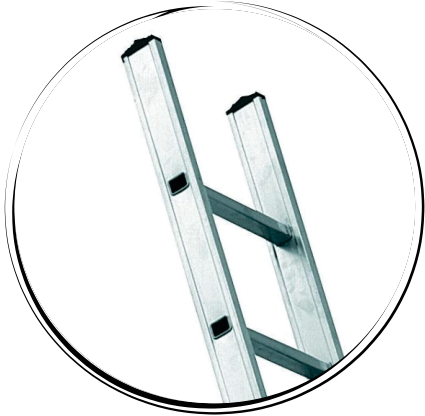
Non-slip feet made from quality rubber guarantee safety on all suitable surfaces.



2. RUNG

Wide ribbed rungs for safe climbing.

max.  
150 kg



28 cm

3

42 cm

2

1

EXPERT  
38,35

EN 131  
Europäische Norm  
European Standard  
Norme Européenne



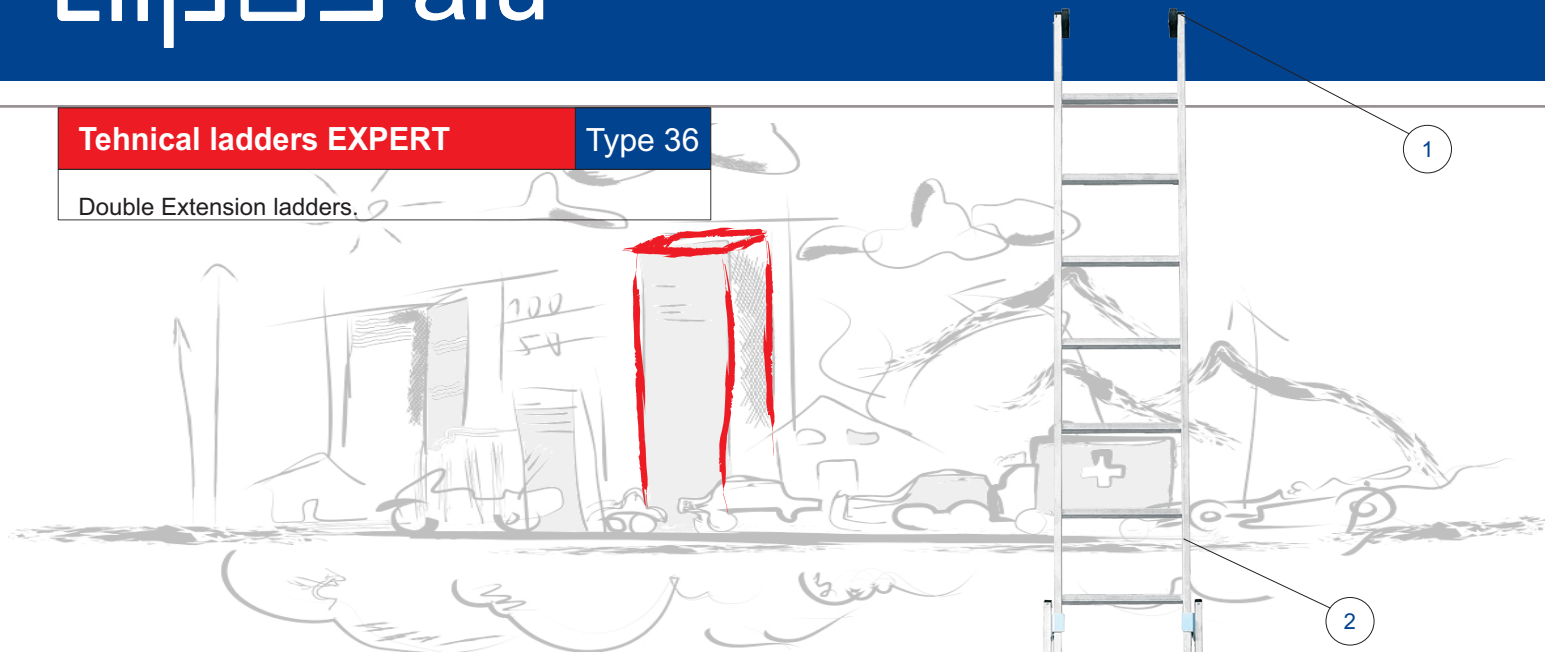
Tip Type						kg
35-08	8	2,53	2,45	1,36	3,16	4,4
35-09	9	2,82	2,72	1,63	3,43	4,9
35-10	10	3,09	2,99	1,90	3,70	5,4
35-11	11	3,38	3,26	2,17	3,97	5,8
35-12	12	3,65	3,53	2,44	4,24	6,5
35-13	13	3,94	3,80	2,71	4,51	7,0
35-15	15	4,50	4,34	3,25	5,05	8,2
35-17	17	5,06	4,88	3,79	5,59	9,2
35-19	19	5,62	5,42	4,33	6,63	10,2

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## Tehcnical ladders EXPERT

## Type 36

Double Extension ladders.



### 1. CASTERS

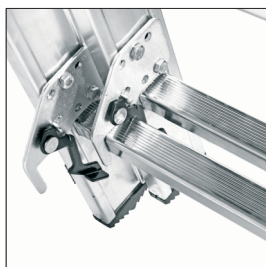
For facilitated use.



### 2. RUNG

Wide, strengthened ribbed rung for safe climbing.

max.  
150 kg



### 3. SLIDING MECHANISM

Made of quality galvanised steel for 100-percent safety.



### 4. FOOT

Robust, non-slip feet made from quality rubber guarantee safety on all suitable surfaces.

28 cm

4

49 cm

Tip Type						kg
36-09	2 x 9	2,83	4,63	3,54	5,34	12,3
36-10	2 x 10	3,10	5,17	4,08	5,88	13,7
36-11	2 x 11	3,39	5,71	4,62	6,42	14,7
36-12	2 x 12	3,67	6,25	5,16	6,96	15,6
36-13	2 x 13	3,95	6,52	5,43	7,23	16,7
36-15	2 x 15	4,51	7,60	6,51	8,31	20,3

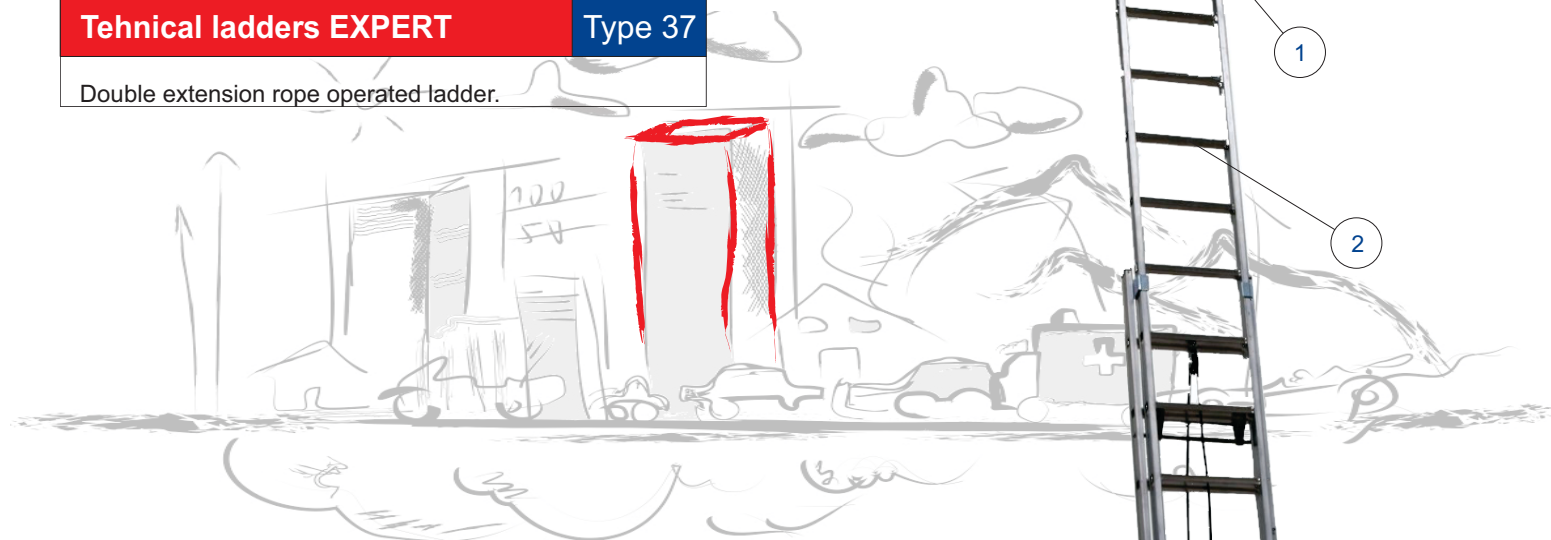


**EN 131**  
Europäische Norm  
European Standard  
Norme Européenne

**Tehcnical ladders EXPERT**

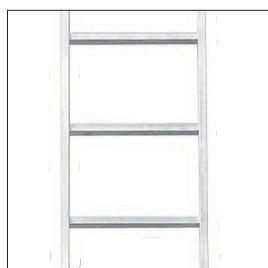
**Type 37**

Double extension rope operated ladder.



**1. CASTERS**

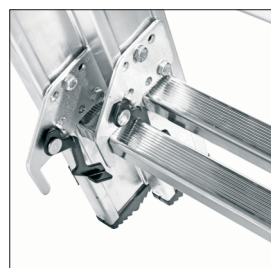
For facilitated use.



**2. RUNG**

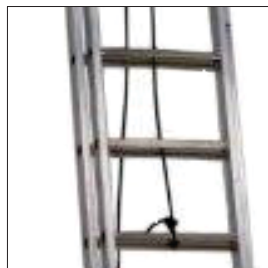
Wide, strengthened ribbed rung for safe climbing.

max.  
150 kg



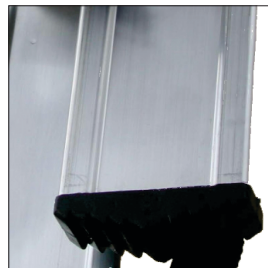
**3. SLIDING MECHANISM**

Made of quality galvanised steel for 100-percent safety.



**4. PULLEY**

For fast and comfortable positioning of the ladder.



**5. FOOT**

Non-slip feet made from quality rubber guarantee safety on all suitable surfaces.

3

1

2

4

28 cm

5

49 cm

EXPERT  
36,37



**EN 131**  
Europäische Norm  
European Standard  
Norme Européenne

Tip Type						kg
37-12	2 x 12	3,66	6,24	5,15	6,95	14,6
37-13	2 x 13	3,95	6,52	5,43	7,23	16,8
37-15	2 x 15	4,51	7,60	6,51	8,31	20,4
37-17	2 x 17	5,07	8,69	7,60	9,40	25,6
37-19	2 x 19	5,63	9,50	8,41	10,21	28,5

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## Tehcnical ladders EXPERT

Type 40

Double extension ladder.

max.  
150 kg



### 1. STABILISER BAR

A firmly fastened stabiliser bar prevents ladder from iclning even when working at the greatest heights.



### 2. PULLEY

A pulley for fast and comfortable positioning of the ladder.



### 3. FIXING THE RUNG ON THE PROFILE

Rung extension within the profile and orbital riveting guarantee strenght of all rungs.



### 4. FOOT

Robust, non-slip feet made from quality rubber guarantee safety on all suitable surfaces.



Tip Type									kg
40-06	2 x 6	1,90	2,90	2,10	3,40	1,70	0,66	2,46	8,3
40-07	2 x 7	2,10	3,40	2,60	3,90	2,00	0,92	2,72	9,7
40-08	2 x 8	2,42	3,96	2,87	4,67	2,27	1,18	2,98	11,2
40-09	2 x 9	2,70	4,50	3,41	5,21	2,51	1,45	3,25	12,5
40-10	2 x 10	2,98	5,04	3,95	5,75	2,80	1,71	3,51	13,0
40-11	2 x 11	3,26	5,58	4,49	6,29	3,06	1,97	3,77	15,8
40-12	2 x 12	3,54	6,12	5,03	6,83	3,33	2,24	4,04	16,1
40-14	2 x 14	4,10	6,94	5,85	7,65	3,85	2,76	4,56	19,5
40-16	2 x 16	4,67	8,02	6,93	8,73	4,39	3,30	5,10	24,1



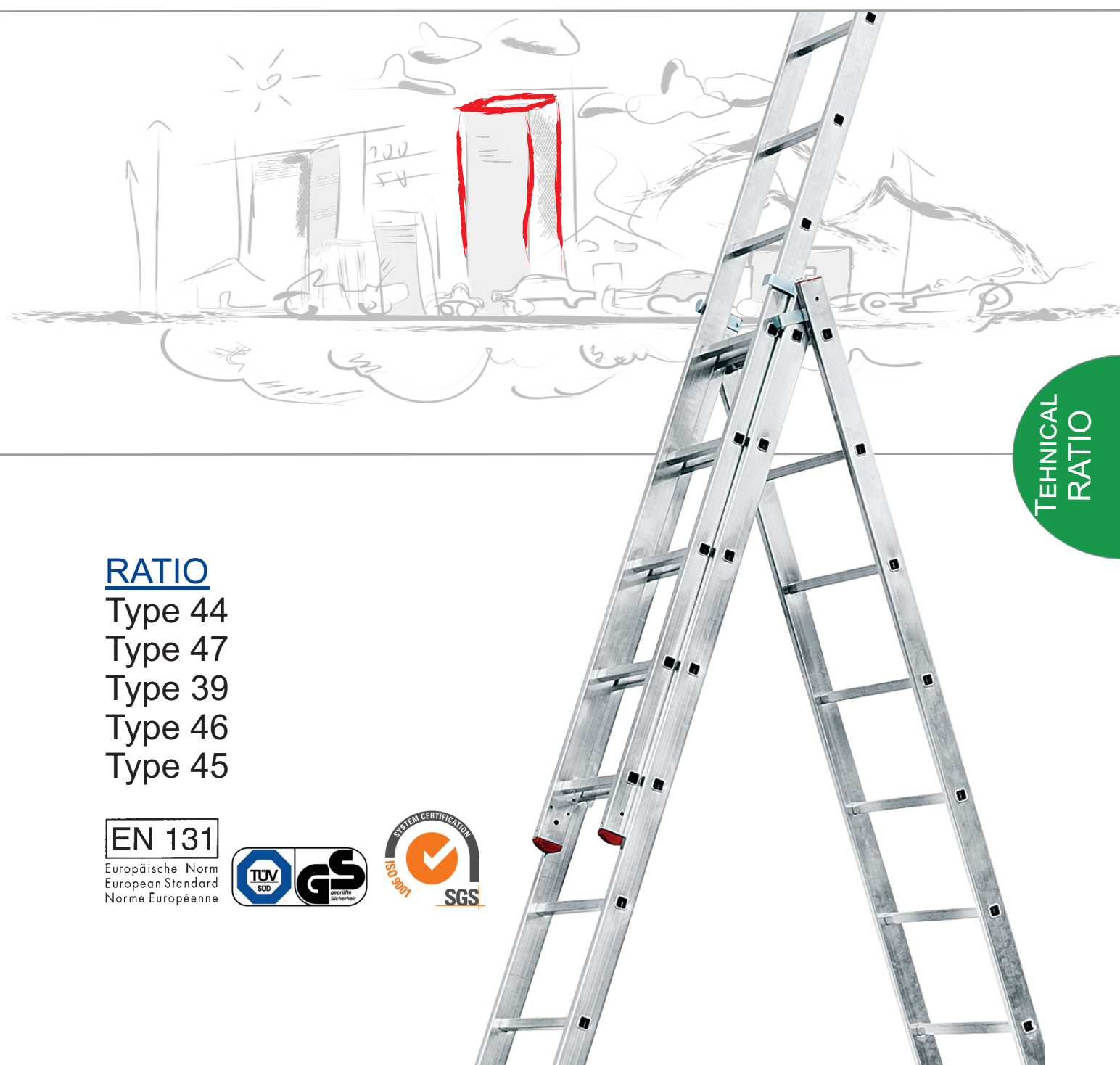
**EN 131**  
Europäische Norm  
European Standard  
Norme Européenne



## Tehcnical ladders RATIO

The RATIO ladder range is intended for DIY enthusiasts and light professional use. A careful selection of aluminium profile dimensions guarantees convenience and optimal combination of quality and price. The certificate granted by the TÜV/SGS demonstrates compliance with the EN 131 European standard and safety of both, the ladder as a whole and of all its components.

Plastic feet caps prevent sliding, wide square rungs enable safe climbing while the sliding mechanism made of quality galvanized steel on extension ladders guarantees safety even when working at high altitudes.



TEHNICAL  
RATIO

### RATIO

Type 44

Type 47

Type 39

Type 46

Type 45

EN 131

Europäische Norm  
European Standard  
Norme Européenne

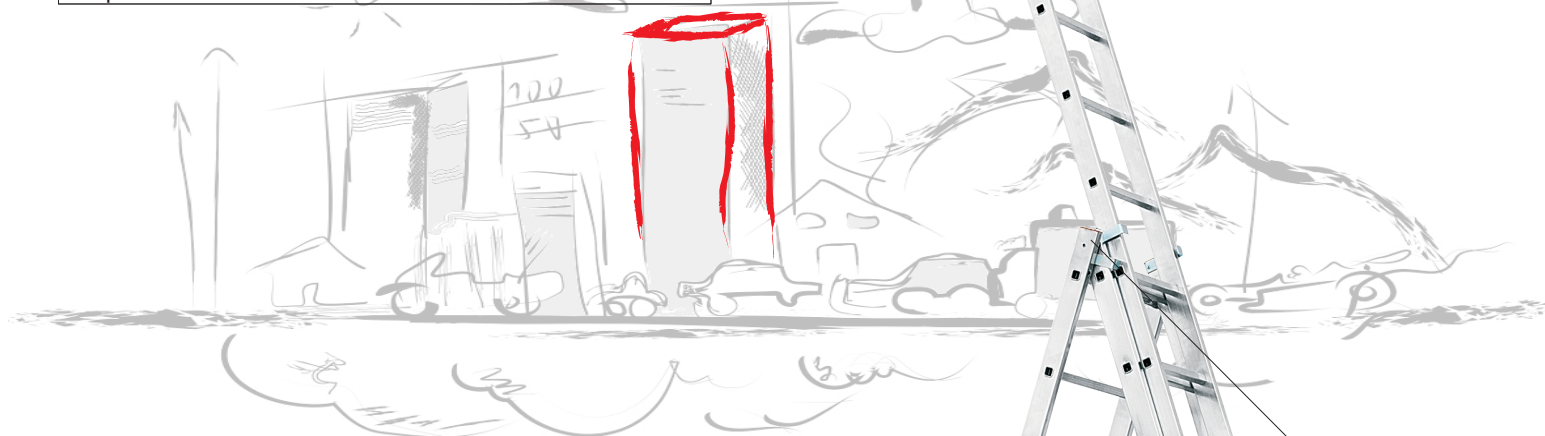


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## Tehcnical ladders RATIO

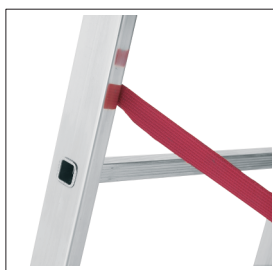
## Type 44

Triple reform ladders.



### 1. SLIDING MECHANISM

Made of quality galvanised steel for 100-percent safety.



### 2. TENSIONING BELT

Fixed on extension ladders is the ultimate safeguard against any potential accidents.



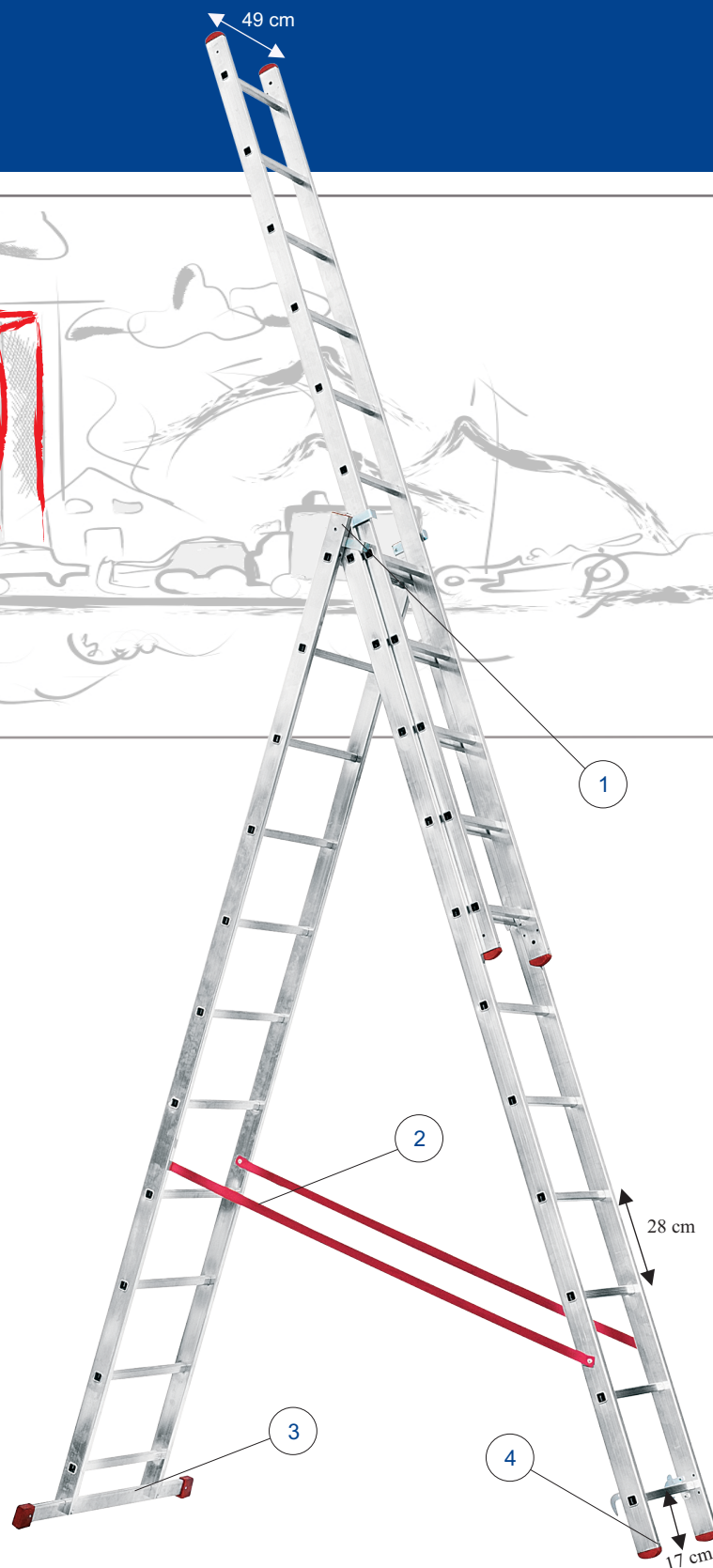
### 3. STABILISER BAR

A firmly fastened stabiliser bar prevents ladder from iclining even when working at the greatest heights.



### 4. FOOT

Robust, non-slip feet made from quality rubber guarantee safety on all suitable surfaces.



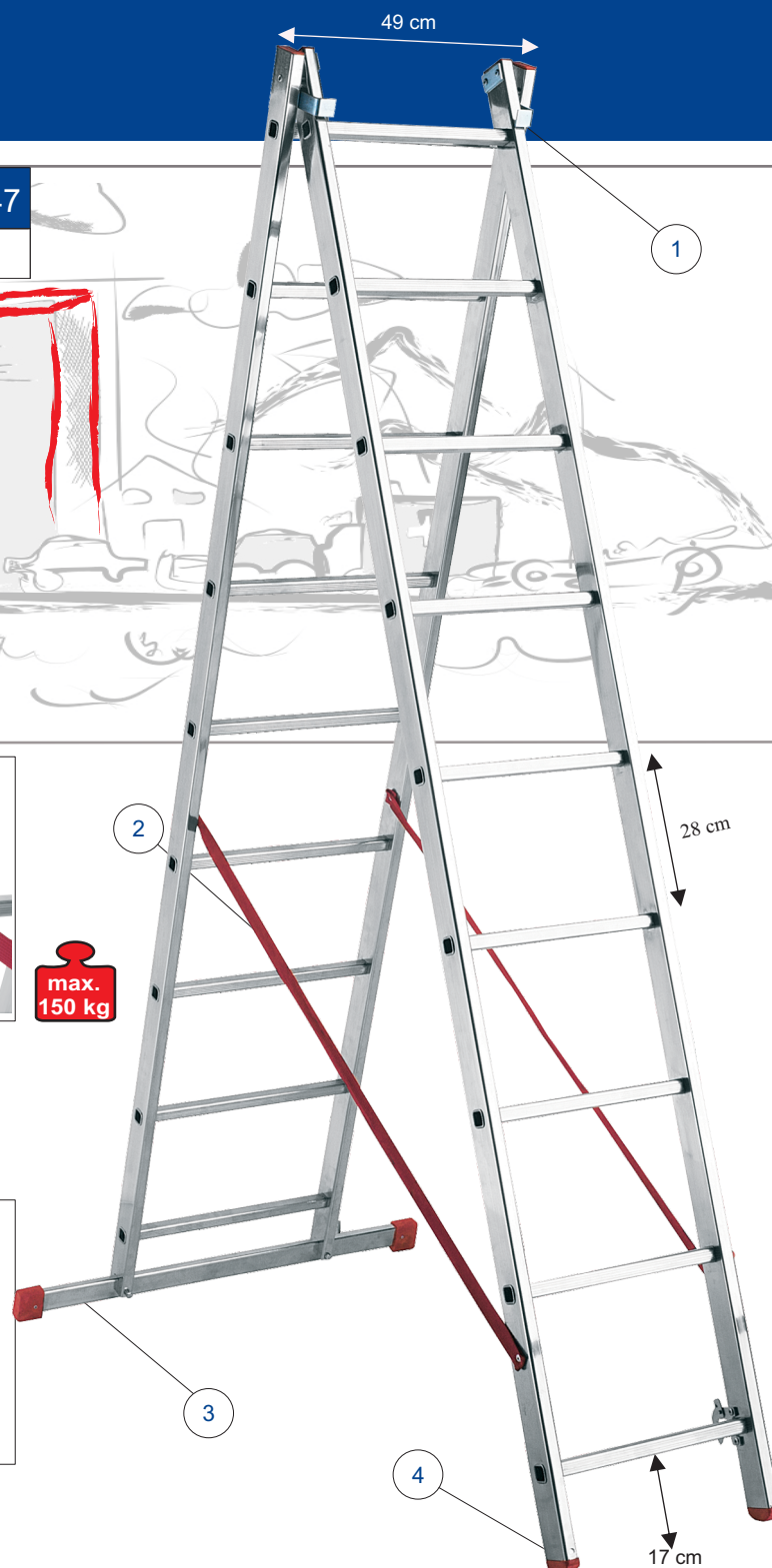
Tip Type									kg
44-07	3 x 7	1,99	4,09	2,69	4,09	2,69	1,50	3,30	10,5
44-08	3 x 8	2,28	4,90	3,48	4,90	3,48	2,29	4,59	12,5
44-09	3 x 9	2,56	5,71	4,03	5,71	4,03	2,84	4,65	13,7
44-10	3 x 10	2,84	5,98	4,30	5,98	4,30	3,11	4,90	15,0
44-11	3 x 11	3,12	6,52	4,53	6,52	4,53	3,34	5,15	17,1



## Tehcnical ladders RATIO

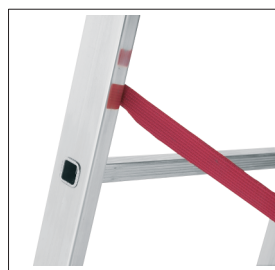
Type 47

Double extension ladders.



### 1. SLIDING MECHANISM

Made of quality galvanised steel for 100-percent safety.



### 2. TENSIONING BELT

Fixed on extension ladders is the ultimate safeguard against any potential accidents.

max.  
150 kg



### 3. STABILISER BAR

A firmly fastened stabiliser bar prevents ladder from iclning even when working at the greatest heights.



### 4. FOOT

Robust, non-slip feet made from quality rubber quarantee safety on all suitable surfaces.



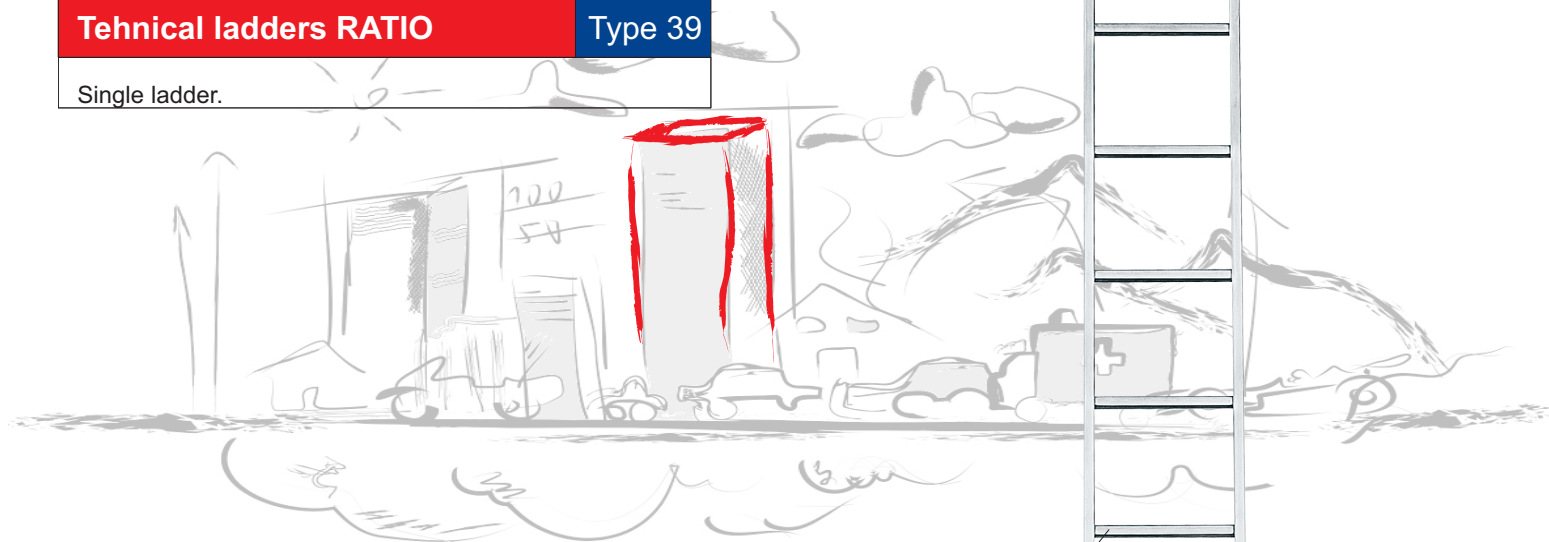
Tip Type									kg
47-07	2 x 7	1,99	3,28	2,33	4,15	1,87	0,92	2,70	7,2
47-08	2 x 8	2,27	3,56	2,88	4,56	2,14	1,19	2,98	8,2
47-09	2 x 9	2,55	4,36	3,41	5,20	2,40	1,45	3,25	9,2
47-10	2 x 10	2,83	4,64	3,95	5,75	2,67	1,72	3,53	10,3
47-11	2 x 11	3,12	5,44	4,49	6,30	2,93	1,98	3,80	11,2
47-12	2 x 12	3,40	5,72	4,76	6,58	3,19	2,24	4,05	12,0
47-13	2 x 13	3,68	5,98	5,03	6,85	3,54	2,50	4,30	13,0

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## Tehcnical ladders RATIO

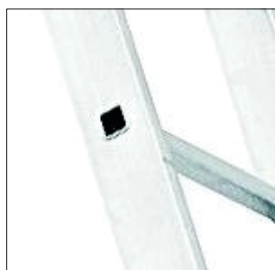
Type 39

Single ladder.



### 1. RUNG

Wide, strengthened ribbed rung for safe climbing.



### 2. FIXING THE RUNG ON THE PROFILE

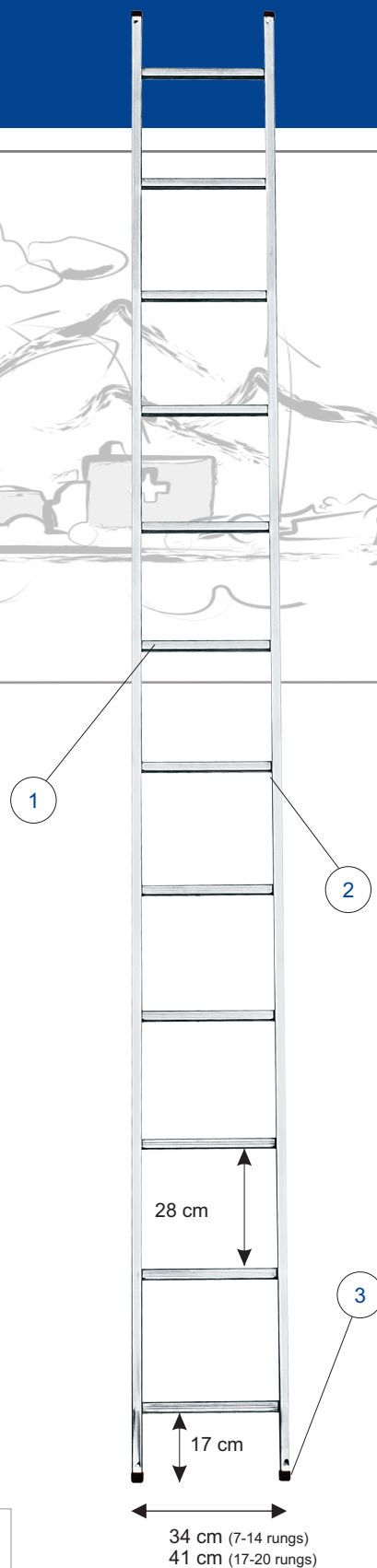
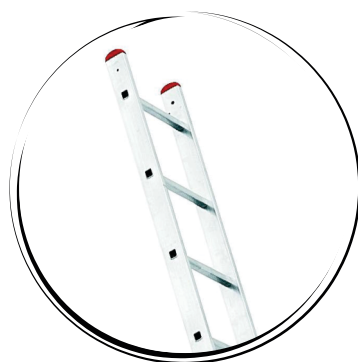
Rung extension within the profile and orbital riveting guarantee strenght of all rungs.

max.  
150 kg



### 3. FOOT

Non-slip feet made from quality rubber guarantee safety on all suitable surfaces.



Tip Type						
39-07	7	1,99	1,91	0,96	2,77	2,9
39-08	8	2,27	2,19	1,24	3,05	3,3
39-09	9	2,55	2,46	1,51	3,32	3,6
39-10	10	2,83	2,74	1,79	3,60	3,7
39-11	11	3,11	3,00	2,05	3,87	4,5
39-12	12	3,39	3,28	2,33	4,15	4,9
39-13	13	3,67	3,54	2,59	4,40	5,3
39-14	14	3,95	3,82	2,87	4,65	5,6
39-17	17	4,80	4,63	3,68	5,50	7,6
39-20	20	5,64	5,44	4,49	6,30	9,7

EN 131

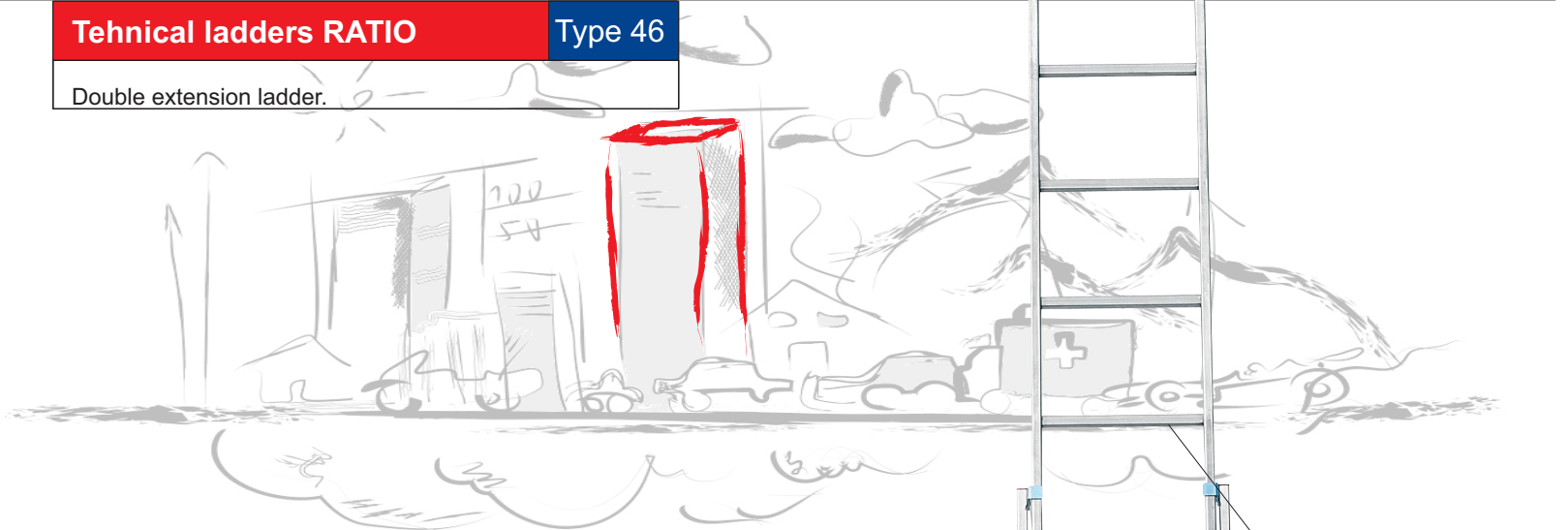
Europäische Norm  
European Standard  
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Tehcnical ladders **RATIO**

Type 46

Double extension ladder.



1.RUNG

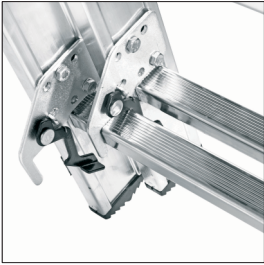
Wide, strengthened ribbed rungs for safe climbing.



2. FIXING THE RUNG ON THE PROFILE

Rung extension within the profile and orbital riveting guarantee strenght of all rungs.

max.  
150 kg



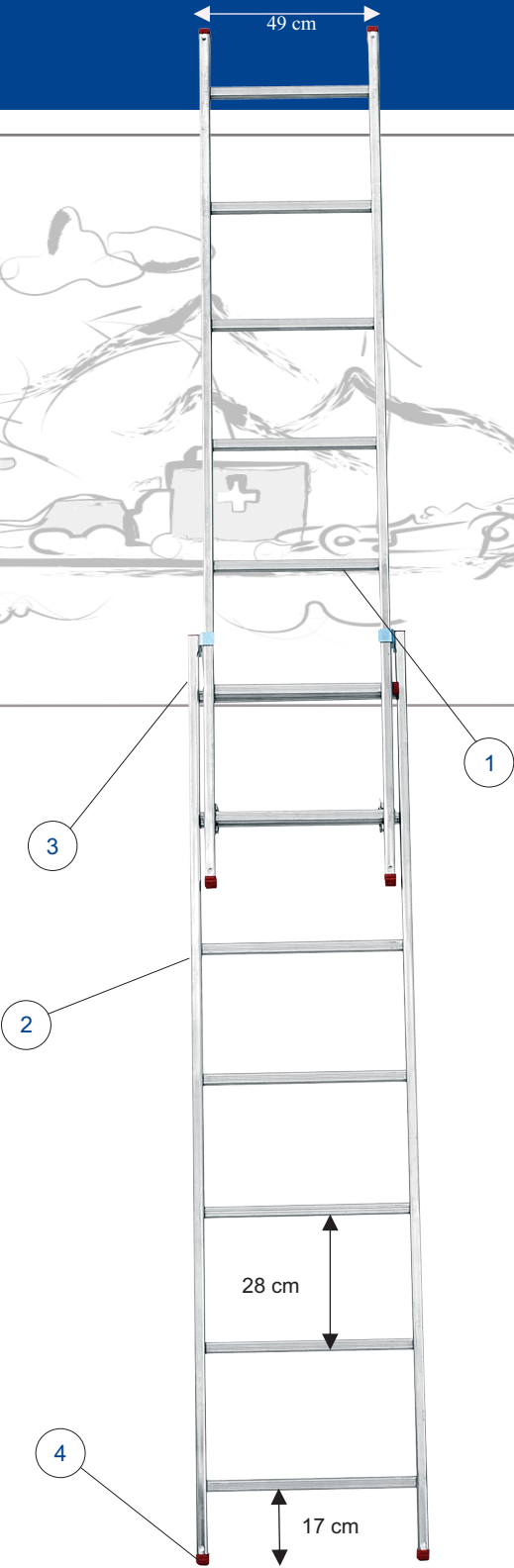
3.SLIDING MECHANISM

Made of quality galvanised steel for 100-percent safety.



4. FOOT

Non-slip feet made from quality rubber guarantee safety on all suitable surfaces.



**RATIO**  
39,46

Tip Type						kg
46-07	2 x 7	1,99	3,28	2,33	4,15	6,7
46-08	2 x 8	2,27	3,56	2,61	4,68	7,5
46-09	2 x 9	2,55	4,36	3,41	5,20	8,4
46-10	2 x10	2,83	4,88	3,69	5,75	9,4
46-11	2 x11	3,12	5,44	4,49	6,30	10,5
46-12	2 x12	3,40	5,72	4,77	6,58	11,3
46-13	2 x13	3,68	5,98	5,03	6,85	12,3

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Europäische Norm  
European Standard  
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