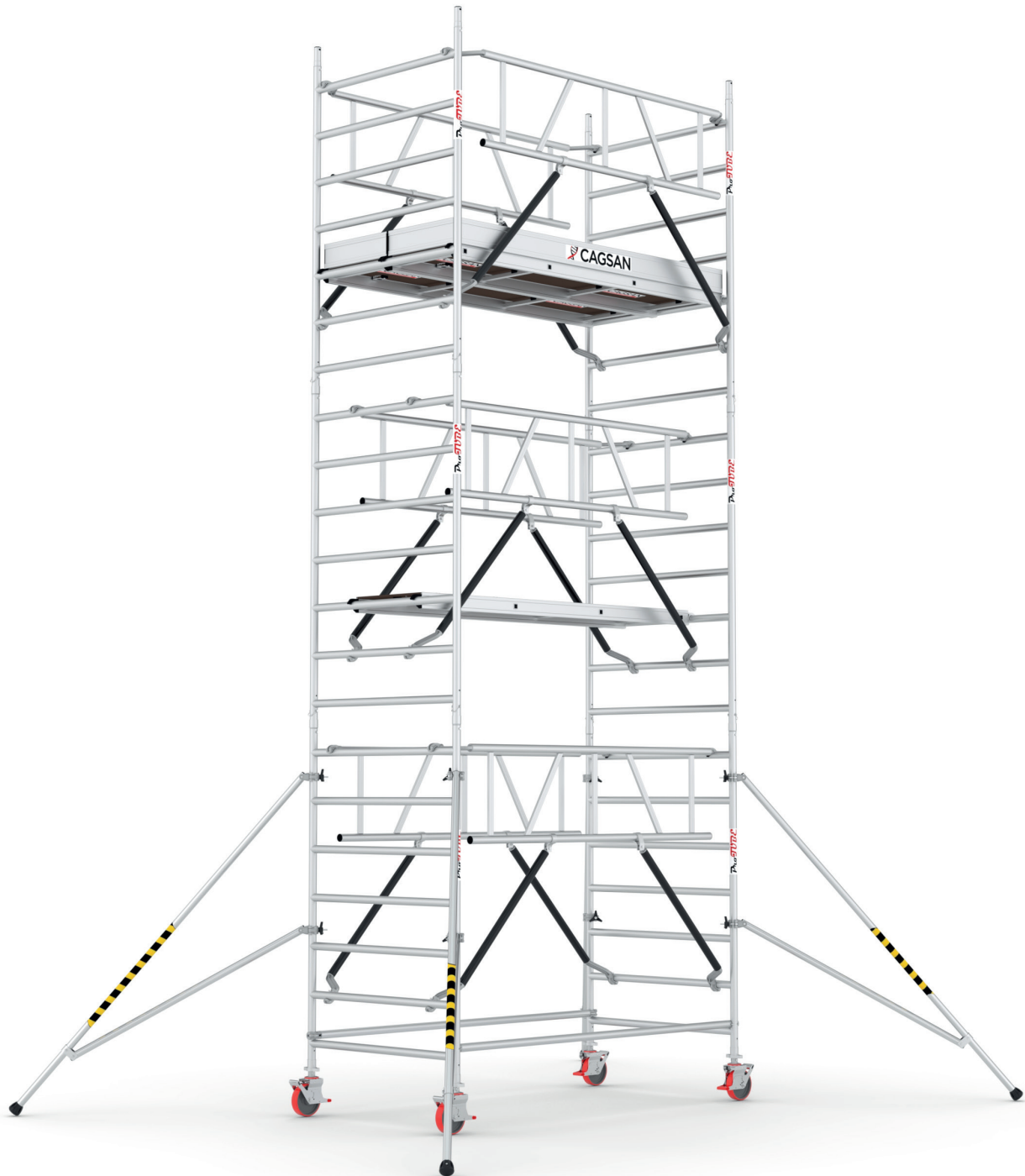


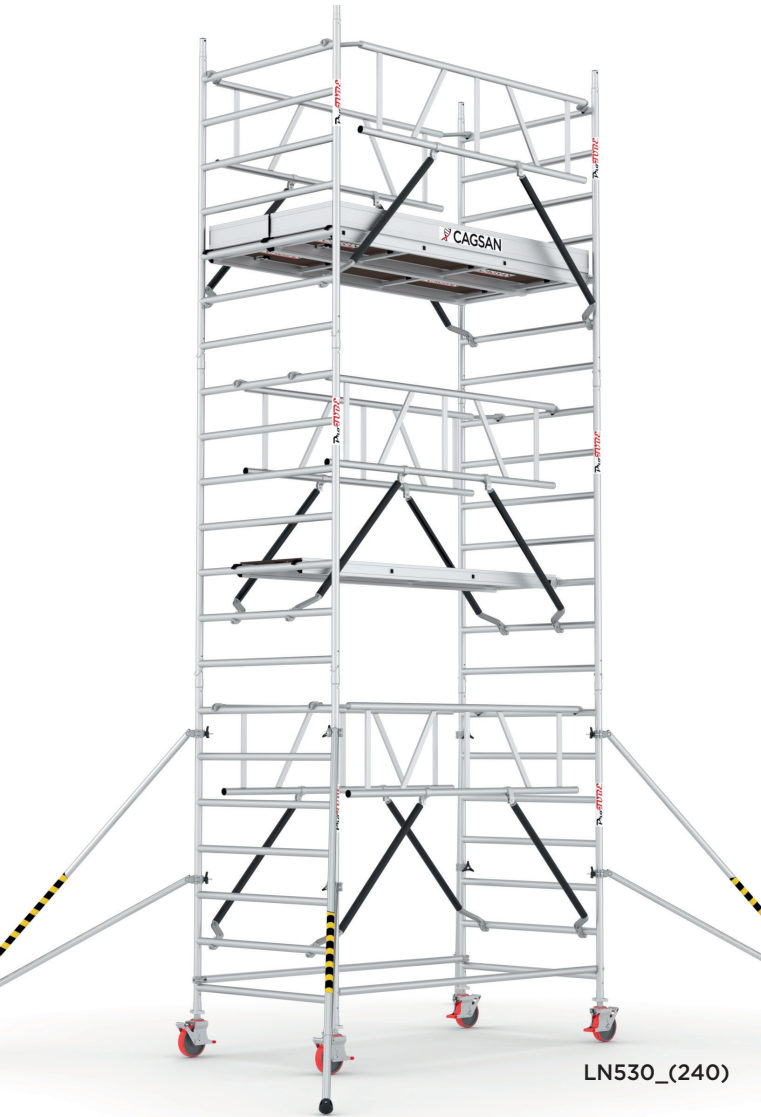
ProTUBE

New EN 1004 Standards
EN 1004-1:2020
EN 1004-2:2021

N



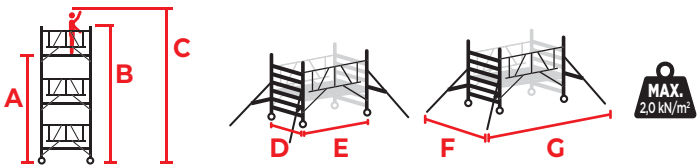
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LN530_(240)



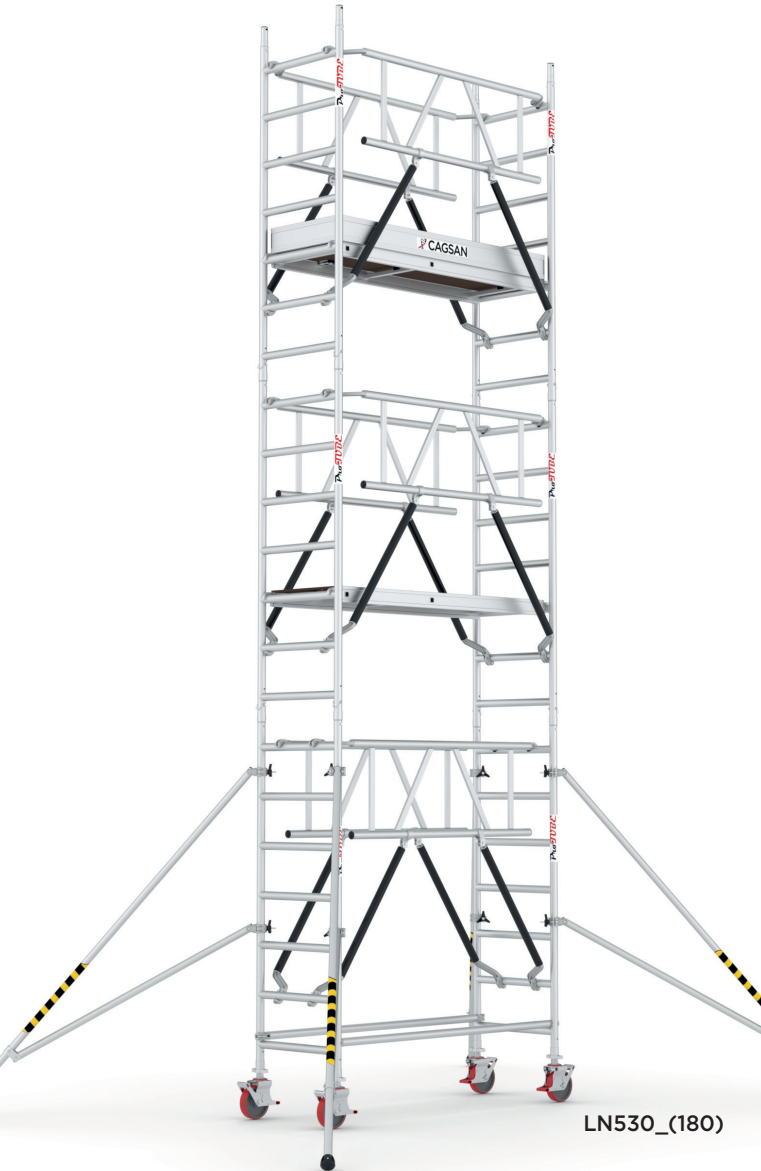
Certificate
EN 1004
Norm



	A (m.)	B (m.)	C (m.)	DxE (cm.)	FxG (cm.)	kg
LN230_[240]	2,3	3,73	4,3	255x135	518x398	158
LN320_[240]	3,2	4,64	5,2	255x135	518x398	165
LN440_[240]	4,4	5,84	6,4	255x135	518x398	213
LN530_[240]	5,3	6,74	7,3	255x135	518x398	220
LN650_[240]	6,5	7,94	8,5	255x135	518x398	268
LN740_[240]	7,4	8,85	9,4	255x135	518x398	275
LN860_[240]	8,6	10,05	10,6	255x135	518x398	324
LN950_[240]	9,5	10,96	11,5	255x135	518x398	331
LN1070_[240]	10,7	12,16	12,7	255x135	518x398	379
LN1160_[240]	11,6	13,06	13,6	255x135	518x398	386

	LN230 240	LN320 240	LN440 240	LN530 240	LN650 240	LN740 240	LN860 240	LN950 240	LN1070 240	LN1160 240
PT200TE	4	4	4	4	4	4	4	4	4	4
PTL132M	2	-	2	-	2	-	2	-	2	-
PT259Y	2	2	2	2	2	2	2	2	2	2
PTLS259GN	4	4	6	6	8	8	10	10	12	12
PT223M	2	4	4	6	6	8	8	10	10	12
PT276PA	4	4	4	4	4	4	4	4	4	4
PT258KPN	2	2	3	3	4	4	5	5	6	6
PT302TM	1	1	1	1	1	1	1	1	1	1

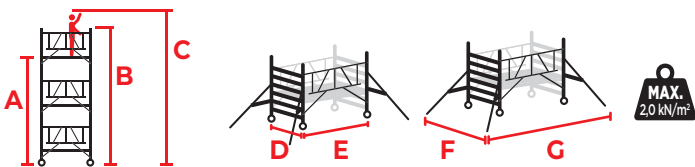
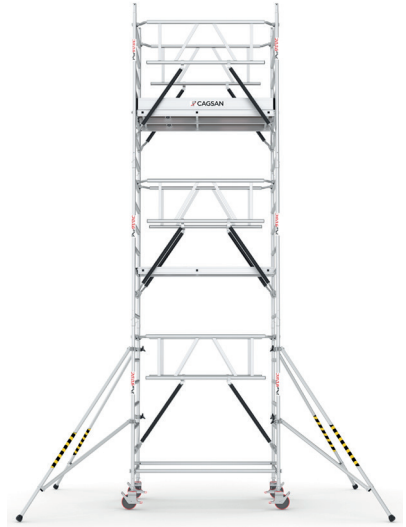
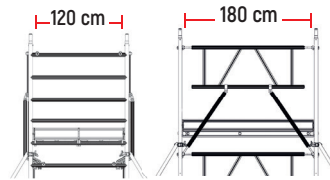




LN530_(180)



**Certificate
EN 1004
Norm**

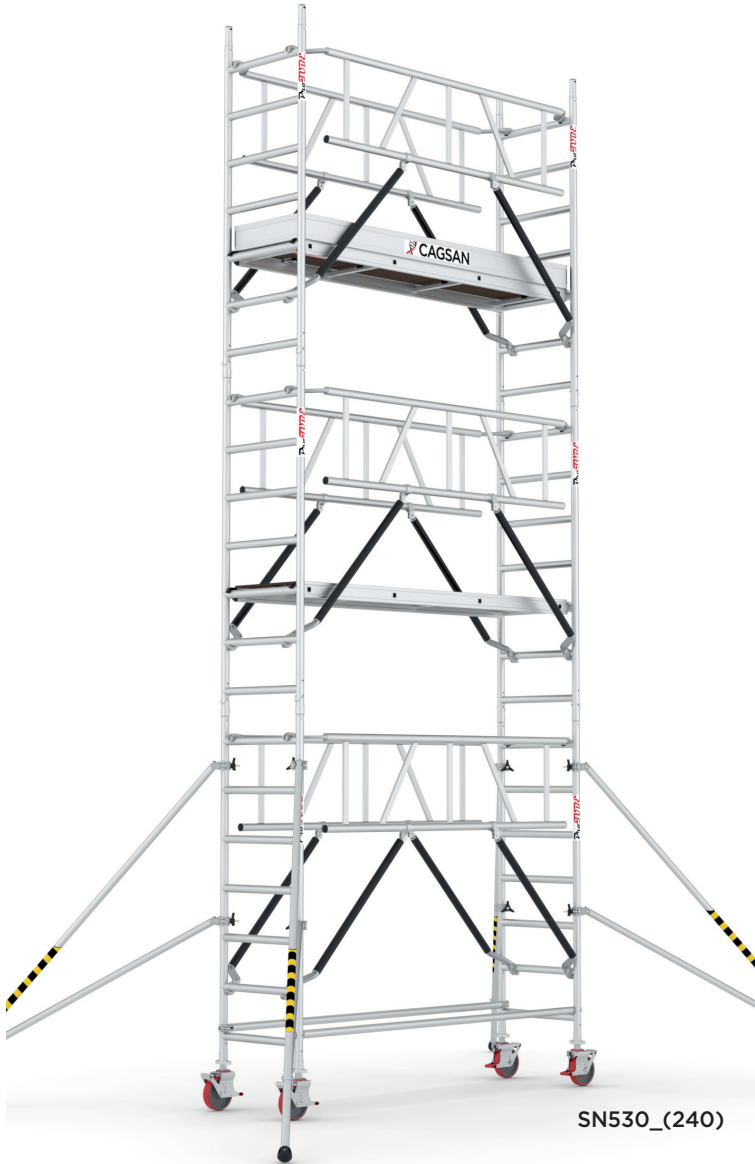


	A (m.)	B (m.)	C (m.)	DxE (cm.)	FxG (cm.)	kg
LN230_(180)	2,3	3,73	4,3	196x135	459x398	141
LN320_(180)	3,2	4,64	5,2	196x135	459x398	148
LN440_(180)	4,4	5,84	6,4	196x135	459x398	189
LN530_(180)	5,3	6,74	7,3	196x135	459x398	196
LN650_(180)	6,5	7,94	8,5	196x135	459x398	238
LN740_(180)	7,4	8,85	9,4	196x135	459x398	245
LN860_(180)	8,6	10,05	10,6	196x135	459x398	286
LN950_(180)	9,5	10,96	11,5	196x135	459x398	293
LN1070_(180)	10,7	12,16	12,7	196x135	459x398	334
LN1160_(180)	11,6	13,06	13,6	196x135	459x398	342

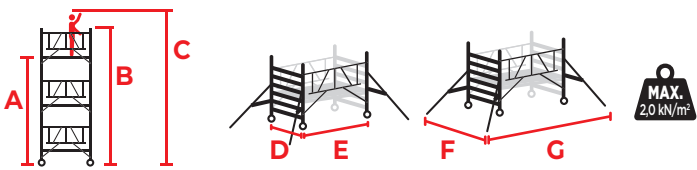
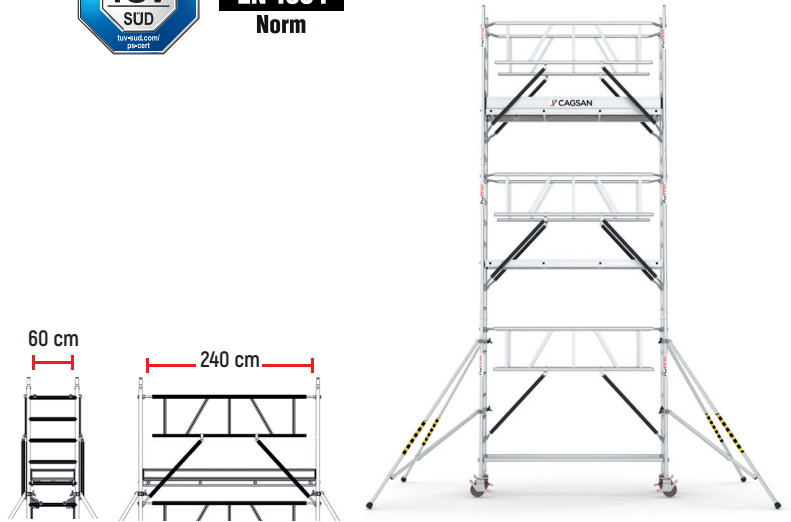
	LN230 180	LN320 180	LN440 180	LN530 180	LN650 180	LN740 180	LN860 180	LN950 180	LN1070 180	LN1160 180
PT200TE	4	4	4	4	4	4	4	4	4	4
PTL132M	2	-	2	-	2	-	2	-	2	-
PTF182Y	2	2	2	2	2	2	2	2	2	2
PTF200GN	4	4	6	6	8	8	10	10	12	12
PT223M	2	4	4	6	6	8	8	10	10	12
PT276PA	4	4	4	4	4	4	4	4	4	4
PTF183KPN	2	2	3	3	4	4	5	5	6	6
PT240TM	1	1	1	1	1	1	1	1	1	1



Certificate
EN 1004
Norm



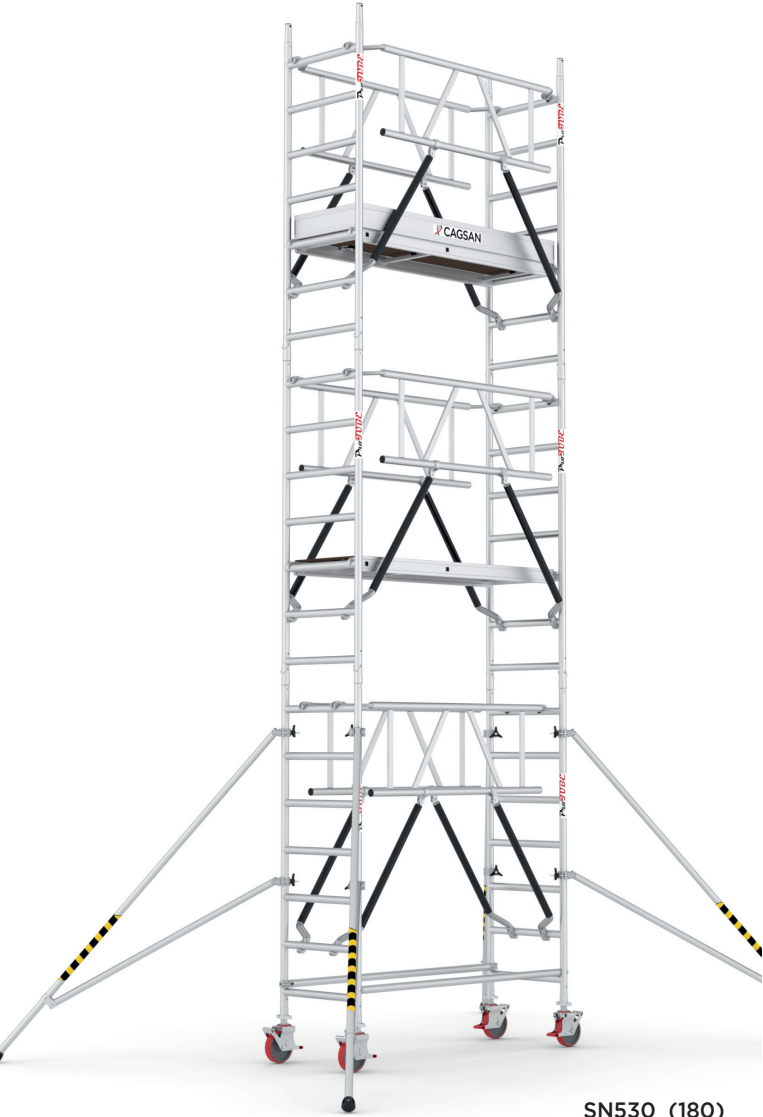
SN530_(240)



	A (m.)	B (m.)	C (m.)	DxE (cm.)	FxG (cm.)	kg
SN230_[240]	2,3	3,73	4,3	255x73	518x336	127
SN320_[240]	3,2	4,64	5,2	255x73	518x336	132
SN440_[240]	4,4	5,84	6,4	255x73	518x336	176
SN530_[240]	5,3	6,74	7,3	255x73	518x336	182
SN650_[240]	6,5	7,94	8,5	255x73	518x336	226
SN740_[240]	7,4	8,85	9,4	255x73	518x336	231
SN860_[240]	8,6	10,05	10,6	255x73	518x336	276
SN950_[240]	9,5	10,96	11,5	255x73	518x336	281
SN1070_[240]	10,7	12,16	12,7	255x73	518x336	326
SN1160_[240]	11,6	13,06	13,6	255x73	518x336	331

		SN230 240	SN320 240	SN440 240	SN530 240	SN650 240	SN740 240	SN860 240	SN950 240	SN1070 240	SN1160 240
PT200TE		4	4	4	4	4	4	4	4	4	4
PTSF132M		2	-	2	-	2	-	2	-	2	-
PT259Y		2	2	2	2	2	2	2	2	2	2
PTLS259GN		4	4	6	6	8	8	10	10	12	12
PTS223M		2	4	4	6	6	8	8	10	10	12
PT276PA		4	4	4	4	4	4	4	4	4	4
PT258KPN		1	1	2	2	3	3	4	4	5	5
PTS302TM		1	1	1	1	1	1	1	1	1	1

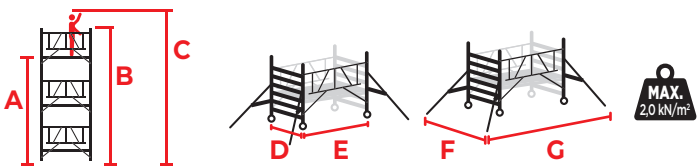
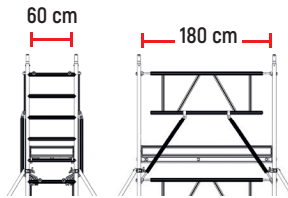




SN530_(180)



Certificate
EN 1004
Norm



	A (m.)	B (m.)	C (m.)	DxE (cm.)	FxG (cm.)	kg
SN230_(180)	2,3	3,73	4,3	196x73	459x336	116
SN320_(180)	3,2	4,64	5,2	196x73	459x336	121
SN440_(180)	4,4	5,84	6,4	196x73	459x336	158
SN530_(180)	5,3	6,74	7,3	196x73	459x336	164
SN650_(180)	6,5	7,94	8,5	196x73	459x336	201
SN740_(180)	7,4	8,85	9,4	196x73	459x336	206
SN860_(180)	8,6	10,05	10,6	196x73	459x336	244
SN950_(180)	9,5	10,96	11,5	196x73	459x336	249
SN1070_(180)	10,7	12,16	12,7	196x73	459x336	287
SN1160_(180)	11,6	13,06	13,6	196x73	459x336	292

		SN230 180	SN320 180	SN440 180	SN530 180	SN650 180	SN740 180	SN860 180	SN950 180	SN1070 180	SN1160 180
PT200TE		4	4	4	4	4	4	4	4	4	4
PTSF132M		2	-	2	-	2	-	2	-	2	-
PTF182Y		2	2	2	2	2	2	2	2	2	2
PTF200GN		4	4	6	6	8	8	10	10	12	12
PTS223M		2	4	4	6	6	8	8	10	10	12
PT276PA		4	4	4	4	4	4	4	4	4	4
PTF183KPN		1	1	2	2	3	3	4	4	5	5
PTF180TM		1	1	1	1	1	1	1	1	1	1

Professional Scaffolding Systems

Profesyonel İskele Sistemleri

Professionale Gerüstsysteme

Échafaudage en Aluminium

Andamios de aluminio profesional

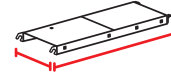
Профессиональная алюминиевая вышка-тура



FN180_(180)



Certificate
EN 1004
Norm



60x180cm



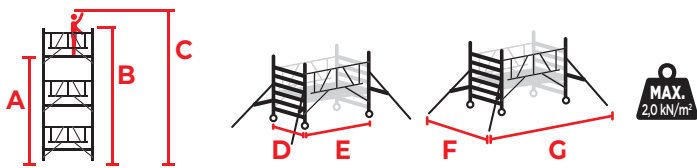
FN96_(180)



FN180_(180)



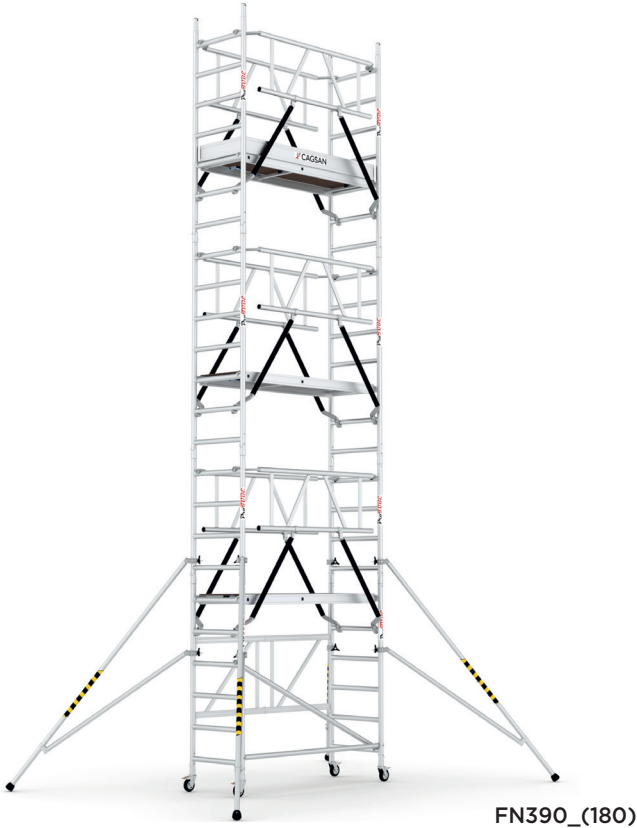
FN96_(180)



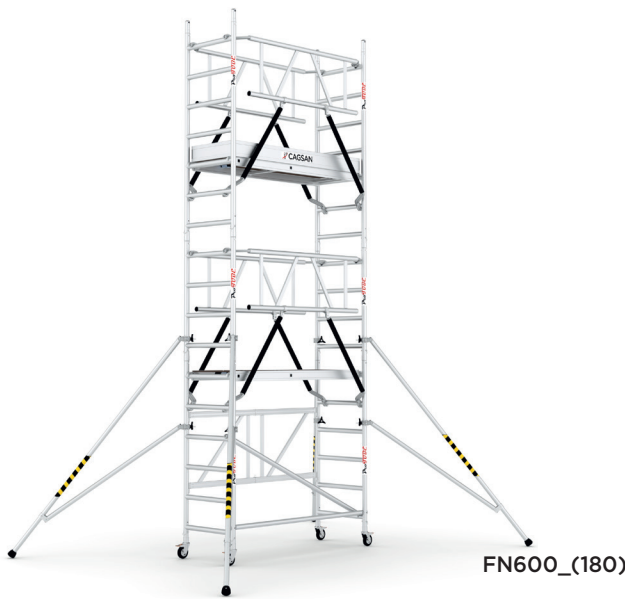
	A (m.)	B (m.)	C (m.)	DxE (cm.)	FxG (cm.)	kg
FN96_(180)	0,96	1,96	2,96	196x73	248x125	54
FN180_(180)	1,86	3,28	3,86	196x73	248x125	75

		FN96	FN180
PT125TE		4	4
PTF192M		1	1
PTF182Y		3	1
PTF202C		-	1
PT276PA		-	-
PTF183KPN		1	1
PTF180TM		1	1
PTSF132M		-	2
PTF200GN		-	2
PT18C		-	4
PTS223M		-	-
PT50PA		4	4





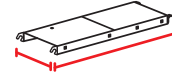
FN390_(180)



FN600_(180)



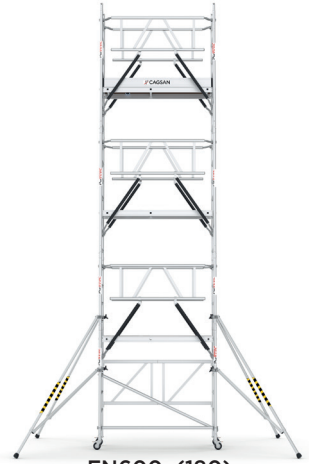
Certificate
EN 1004
Norm



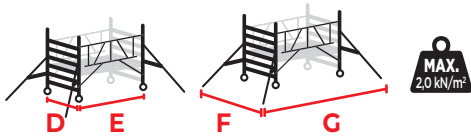
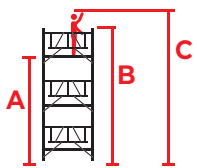
60x180cm



FN390_(180)



FN600_(180)

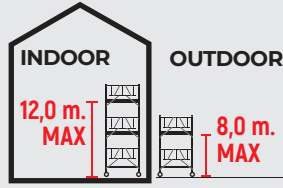


MAX.
2,0 kN/m²

	A (m.)	B (m.)	C (m.)	DxE (cm.)	FxG (cm.)	kg
FN390_(180)	3,96	5,39	5,96	196x73	444x321	131
FN600_(180)	6,07	7,5	8,07	196x73	444x321	178

		FN390	FN600
PT125TE		4	4
PTF192M		1	1
PTF182Y		1	1
PTF202C		1	1
PT276PA		4	4
PTF183KPN		2	3
PTF180TM		1	1
PTSF132M		2	2
PTF200GN		4	6
PT18C		4	4
PTS223M		2	4
PT50PA		-	-

With the renewed EN 1004 Standard;



2,0 kN/m²

EN1004 3 - 8 / 12-XXXD-H2

Norm

Load class

Maximum height outdoors

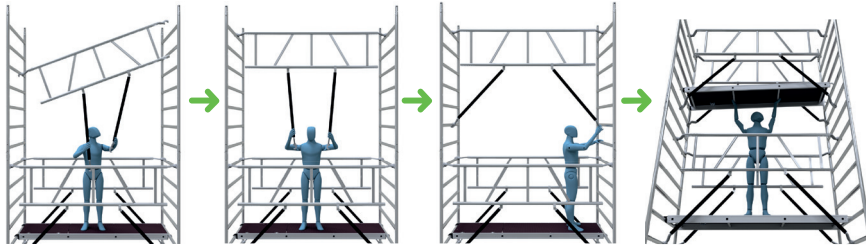
Maximum height indoors

Access trough stairwar and stairladder

Clear height

SAFER ASSEMBLE

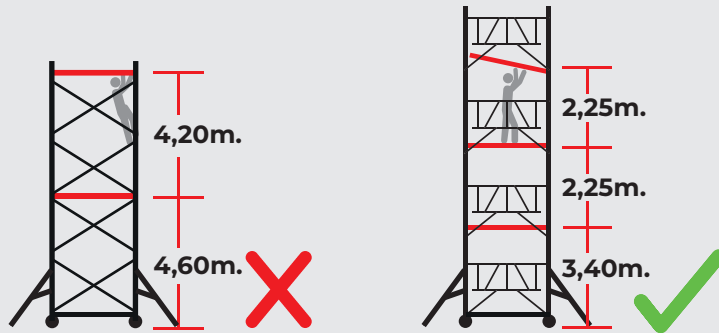
Thanks to the newly designed **SAFE GUARDRAIL SYSTEM** it is easier and safer to assemble and disassemble the Tower.



SAFER AND EASIER ASSEMBLING

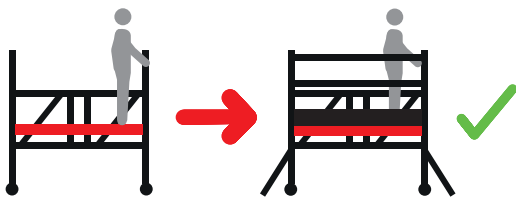
In accordance with the previous EN 1004:2004 standard, it has been required the distance between the floor to the first platform was maximum 4.60 m. The height between the two platforms have been required as maximum 4.20 m.

According to the new standard EN 1004-1:2020, the height of the first platform from the floor can be maximum 3.40 m and the height between the two platforms can be maximum 2.25 m. By the way the assembling of the product becomes easier and accessing to the upper levels are safer. **On ProTUBE N Series height between the two platforms is only 2.10 m.**



ADDITIONAL SAFETY EQUIPMENTS

The Updated standard also brings additional safety equipments, regardless of product height. The previous standard was not bring any regulation for the towers which heights were below 2,5m, with the new Standard it is obligatory to add **stabilizers, side guardrails** and **toeboards**. CAGSAN made these products developments to our **ProTUBE FN** series.



For detailed information, visit www.cagsanmerdiven.com

ÇAĞSAN MERDİVEN VE ERİŞİM EKİPMANLARI SAN.TİC.LTD.ŞTİ.

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