

EVOLUTION OF **STANDARD EN 131** ON **JANUARY 1, 2018**

TUBESCA-COMABI HAS UPGRADED ITS LADDERS AND IS APPLYING NEW TESTS AND NEW SIGNAGE ON ALL ITS RANGES OF LADDERS AND STEPLADDERS



Evolutions in products over 3 metres high



New tests



New signage



1. Evolutions in products over 3 metres high for increased safety and better use

- ▶ Wider splayed bases on transformable ladders
- ▶ Additional bases or stabilizers on single and extension ladders over 3 m high
- ▶ The 3rd section on transformable ladders (over 3 metres high) made inseparable
- ▶ Profile sections modified to satisfy new tests



2. More demanding tests and a new product classification: professional or household

- ▶ Resistance on ladders when in working position
- ▶ Twisting over the whole length of ladders
- ▶ Buckling on lower extremities
- ▶ Endurance on free-standing ladders
- ▶ Slippage on straight ladders
- ▶ Twisting on straight ladders
- ▶ Resistance on stabilizers
- ▶ Resistance on hinges



3. New, clearer, and more complete signage

- ▶ Additional instructions in pictogram form
- ▶ Operating instructions attached to one of the uprights



New tests,
pictograms,
instructions, and
POS

Products have not undergone any structural developments as they are already largely ahead of required test levels.

An explanatory video of the
standard's evolution



Standard EN 131-1

An initial evolution to the standard was defined in 2015, giving details on requirements concerning ladders' dimensional aspects.

Standard EN 131-2

In 2017 a second evolution was defined concerning resistance aspects, which specified all the tests that ladders must now undergo to be compliant.

The number of tests carried out for approving each ladder has increased from 15 to 21.

- ▶ Creation of 2 categories (professional and household)
- ▶ Resistance tests in operating position with a weight of 270 kg (professional range) and 225 kg (household range)
- ▶ Endurance tests of 50,000 cycles (professional range) and 10,000 cycles (household range) for free-standing products
- ▶ Twisting tests on complete ladders

Standard EN 131-3

A final evolution will be published in the very near future. This concerns documentary aspects, i.e. compulsory instructions and instructions to be permanently attached to every ladder.

All these standards were made **COMPULSORY** by Decree 96 333, issued by the fraud control authorities, and which must be applied by all manufacturers as from January 1, 2018.

As of December 8, 2017, TUBESCA-COMABI will only accept orders for Model 2018 ladders produced to the new standards.

NEW RANGES

PLATINIUM



Single flared Single straight 2-section manual extension 2/3 section rope-operated Transformable

PRONOR



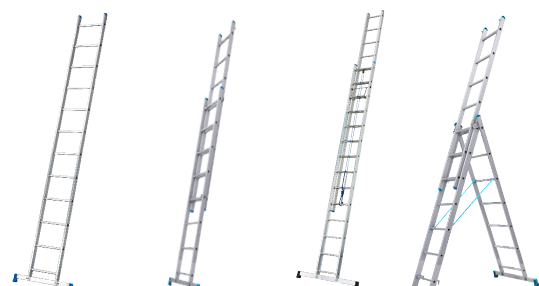
Single straight 2-section manual extension 2/3 section rope-operated Transformable

PROLINE



Single straight 2-section manual extension 2/3 section rope-operated Transformable

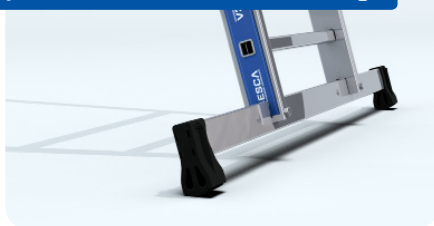
STARLINE



Single straight 2-section manual extension 2/3 section rope-operated Transformable



Addition of a base with reinforced footpads (models over 3 metres high)



Single straight



Wider flaring



Single flared



Addition of a base with reinforced footpads



2-section manual extension



Added stabilizers



2/3 section rope-operated

| Ref. 2017 | PLATINUM | Ref. 2018 | GENCOD 2018 | Price 2018 € VAT excluded |
|--------------|--|--------------|----------------|------------------------------|
| 02410106 | SINGLE LADDER - 6 RUNGS | 02410206 | 3178740185299 | 119 |
| 02410107 | SINGLE LADDER - 7 RUNGS | 02410207 | 3178740185305 | 134 |
| 02410108 | SINGLE LADDER - 8 RUNGS | 02410208 | 3178740185312 | 144 |
| 02410110 | SINGLE LADDER - 10 RUNGS | 02410210 | 3178740185329 | 160 |
| 2410111 | SINGLE LADDER - 11 RUNGS | 02410211 | 3178740185336 | |
| 02410112 | SINGLE LADDER - 12 RUNGS | 02410212 | 3178740162207 | 210 |
| 02410114 | SINGLE LADDER - 14 RUNGS | 02410214 | 3178740162214 | 254 |
| 02410116 | SINGLE LADDER - 16 RUNGS | 02410216 | 3178740162221 | 306 |
| 02410117 | SINGLE LADDER - 17 RUNGS | 02410217 | 3178740162238 | 373 |
| 02410118 | SINGLE LADDER - 18 RUNGS | 02410218 | 3178740162245 | 394 |
| 02410120 | SINGLE LADDER - 20 RUNGS | 02410220 | 3178740162252 | 459 |
| 02410124 | SINGLE LADDER - 24 RUNGS | 02410224 | 3178740162269 | 605 |
| 02411110 | SIMPLE EVASEE - 10 RUNGS | 02411210 | 3178740185749 | 248 |
| 02411112 | SIMPLE EVASEE - 12 RUNGS | 02411212 | 3178740185756 | 300 |
| 02411114 | SIMPLE EVASEE - 14 RUNGS | 02411214 | 3178740185763 | 358 |
| 02411117 | SIMPLE EVASEE - 17 RUNGS | 02411217 | 3178740185770 | 420 |
| 2422706 | PUSH-UP LADDER 2S - 2X6 RUNGS | 02422806 | 3178740169169 | 355 |
| 2422707 | PUSH-UP LADDER 2S - 2X7 RUNGS | 02422807 | 3178740162351 | 370 |
| 2422708 | PUSH-UP LADDER 2S - 2X8 RUNGS | 02422808 | 3178740162368 | 403 |
| 2422710 | PUSH-UP LADDER 2S - 2X10 RUNGS | 02422810 | 3178740162375 | 513 |
| 2422712 | PUSH-UP LADDER 2S - 2X12 RUNGS | 02422812 | 3178740162382 | 680 |
| 2422714 | PUSH-UP LADDER 2S - 2X14 RUNGS | 02422814 | 3178740162399 | 737 |
| 2422716 | PUSH-UP LADDER 2S - 2X16 RUNGS | 02422816 | 3178740162405 | 870 |
| 2422718 | PUSH-UP LADDER 2S - 2X18 RUNGS | 02422818 | 3178740162412 | 937 |
| 02422706-002 | PUSH-UP LADDER 2S C50 - 2X6 RUNGS | 02422806-002 | 3178740186684 | 407 |
| 02422707-002 | PUSH-UP LADDER 2S C50 - 2X7 RUNGS | 02422807-002 | 31787401866821 | 428 |
| 02422708-002 | PUSH-UP LADDER 2S C50 - 2X8 RUNGS | 02422808-002 | 31787401866838 | 458 |
| 02422710-002 | PUSH-UP LADDER 2S C50 - 2X10 RUNGS | 02422810-002 | 31787401866845 | 569 |
| 02422712-002 | PUSH-UP LADDER 2S C50 - 2X12 RUNGS | 02422812-002 | 31787401866852 | 735 |
| 02432010 | 300 ROPE-OPERATED LADDER 2S - 2x10 RUNGS | 02432310 | 3178740162634 | 746 |
| 02432012 | 300 ROPE-OPERATED LADDER 2S - 2x12 RUNGS | 02432312 | 3178740162641 | 814 |
| 02432014 | 300 ROPE-OPERATED LADDER 2S - 2x14 RUNGS | 02432314 | 3178740162658 | 833 |
| 02432016 | 300 ROPE-OPERATED LADDER 2S - 2x16 RUNGS | 02432316 | 3178740162665 | 934 |
| 02432018 | 300 ROPE-OPERATED LADDER 2S - 2x18 RUNGS | 02432318 | 3178740162672 | 1173 |
| 02432020 | 300 ROPE-OPERATED LADDER 2S - 2X20 RUNGS | 02432320 | 3178740162689 | 1310 |
| 02432022 | 300 ROPE-OPERATED LADDER 2S - 2X22 RUNGS | 02432322 | 3178740162696 | 1684 |
| 02432023 | 300 ROPE-OPERATED LADDER 2S - 2X23 RUNGS | 02432323 | 3178740162702 | 1855 |
| 02432025 | 300 ROPE-OPERATED LADDER | 02432325 | 3178740162719 | |



Transformable

Wider flaring

3rd section (over 3 m)
made inseparable

| Ref. 2017 | PLATINIUM | Ref. 2018 | GENCOD 2018 | Price 2018 € VAT excluded |
|-----------|--|-----------|---------------|------------------------------|
| 02433010 | 300 ROPE-OPERATED LADDER 3S - 3x10 RUNGS | 02433310 | 3178740162870 | 1256 |
| 02433013 | 300 ROPE-OPERATED LADDER 3S - 3x13 RUNGS | 02433313 | 3178740162887 | 1475 |
| 02433015 | 300 ROPE-OPERATED LADDER 3S - 3x15 RUNGS | 02433315 | 3178740162894 | 1783 |
| 02433016 | 300 ROPE-OPERATED LADDER 3S - 3x16 RUNGS | 02433316 | 3178740162900 | 1793 |
| 02433018 | 300 ROPE-OPERATED LADDER 3S - 3x18 RUNGS | 02433318 | 3178740162917 | 2042 |
| 02433020 | 300 ROPE-OPERATED LADDER 3S - 3x20 RUNGS | 02433320 | 3178740162924 | 2544 |
| 02433023 | 300 ROPE-OPERATED LADDER 3S - 3x23 RUNGS | 02433323 | 3178740162931 | 3529 |
| 2433025 | 300 ROPE-OPERATED LADDER | 02433325 | 3178740162948 | |
| 02532111 | 500 ROPE-OPERATED LADDER 2S - 2X11 RUNGS | 02532311 | 3178740162559 | 772 |
| 02532113 | 500 ROPE-OPERATED LADDER 2S - 2X13 RUNGS | 02532313 | 3178740162566 | 836 |
| 02532116 | 500 ROPE-OPERATED LADDER 2S - 2X16 RUNGS | 02532316 | 3178740162573 | 906 |
| 02532118 | 500 ROPE-OPERATED LADDER 2S - 2X18 RUNGS | 02532318 | 3178740162580 | 1033 |
| 02532120 | 500 ROPE-OPERATED LADDER 2S - 2X20 RUNGS | 02532320 | 3178740162597 | 1227 |
| 02532122 | 500 ROPE-OPERATED LADDER 2S - 2X22 RUNGS | 02532322 | 3178740162603 | 1383 |
| 02532124 | 500 ROPE-OPERATED LADDER 2S - 2X24 RUNGS | 02532324 | 3178740162610 | 1739 |
| 02532127 | 500 ROPE-OPERATED LADDER 2S - 2X27 RUNGS | 02532327 | 3178740162627 | 1903 |
| 02533111 | 500 ROPE-OPERATED LADDER 3S - 3X11 RUNGS | 02533311 | 3178740162818 | 1327 |
| 02533113 | 500 ROPE-OPERATED LADDER 3S - 3X13 RUNGS | 02533313 | 3178740162825 | 1559 |
| 02533116 | 500 ROPE-OPERATED LADDER 3S - 3X16 RUNGS | 02533316 | 3178740162832 | 1882 |
| 02533118 | 500 ROPE-OPERATED LADDER 3S - 3X18 RUNGS | 02533318 | 3178740162849 | 1898 |
| 02533120 | 500 ROPE-OPERATED LADDER 3S - 3X20 RUNGS | 02533320 | 3178740162856 | 2184 |
| 02533122 | 500 ROPE-OPERATED LADDER 3S - 3X22 RUNGS | 02533322 | 3178740162863 | 2676 |
| 02442106 | TRANSFORMABLE 2S - 2X6 RUNGS | 02442606 | 3178740187446 | 291 |
| 02442107 | TRANSFORMABLE 2S - 2X7 RUNGS | 02442607 | 3178740187453 | 326 |
| 02442108 | TRANSFORMABLE 2S - 2X8 RUNGS | 02442608 | 3178740187460 | 335 |
| 02442109 | TRANSFORMABLE 2S - 2X9 RUNGS | 02442609 | 3178740187477 | 402 |
| 02442110 | TRANSFORMABLE 2P - 2X10 RUNGS | 02442610 | 3178740187484 | 432 |
| 02442112 | TRANSFORMABLE 2S - 2X12 RUNGS | 02442612 | 3178740187491 | 618 |
| 02442114 | TRANSFORMABLE 2P - 2X14 RUNGS | 02442614 | 3178740187507 | 810 |
| 02442115 | TRANSFORMABLE 2S - 2X15 RUNGS | 02442615 | 3178740187514 | 1082 |
| 02443107 | TRANSFORMABLE 3P - 3X7 RUNGS | 02443607 | 3178740187927 | 552 |
| 02443108 | TRANSFORMABLE 3S - 3X8 RUNGS | 02443608 | 3178740187934 | 643 |
| 02443109 | TRANSFORMABLE 3S - 3X9 RUNGS | 02443609 | 3178740187941 | 670 |
| 02443110 | TRANSFORMABLE 3S - 3X10 RUNGS | 02443610 | 3178740187958 | 770 |
| 02443112 | TRANSFORMABLE 3P - 3X12 ECHELONS | 02443612 | 3178740187965 | 922 |

PRODUCT EVOLUTIONS FOR PRONOR LADDERS

TUBESCA PRONOR

TUBESCA

PRONOR

PRONOR

TUBESCA



Single straight

Addition of a base with reinforced footpads (models over 3 metres high)



2/3 section rope-operated

Added stabilizers



2-section manual extension

Addition of a base with reinforced footpads (models over 3 metres)



Transformable

**► Wider flaring
► 3rd section (over 3 m) made inseparable**

PRODUCT EVOLUTIONS FOR PROLINE LADDERS

TUBESCA PROLINE

TUBESCA

PROLINE

PROLINE

TUBESCA

New features



Single straight



2/3 section rope-operated



2-section manual extension



Transformable

► Widened base with reinforced footpads

| Ref. 2017 | PRONOR | Ref. 2018 | GENCOD 2018 | TARIF 2018 € HT |
|--------------|--|--------------|----------------|-----------------|
| 01210007 | SIMPLE DROITE - 7 ECHELONS | 01210507 | 3178740185466 | 113 |
| 01210008 | SIMPLE DROITE - 8 ECHELONS | 01210508 | 3178740185473 | 124 |
| 01210009 | SIMPLE DROITE - 9 ECHELONS | 01210509 | 3178740185480 | 134 |
| 01210010 | SIMPLE DROITE - 10 ECHELONS | 01210510 | 3178740185497 | 138 |
| 01210012 | SIMPLE DROITE - 12 ECHELONS | 01210512 | 3178740186276 | 190 |
| 01210014 | SIMPLE DROITE - 14 ECHELONS | 01210514 | 3178740186283 | 226 |
| 01210016 | SIMPLE DROITE - 16 ECHELONS | 01210516 | 3178740186290 | 285 |
| 01210018 | SIMPLE DROITE - 18 ECHELONS | 01210518 | 31787401862306 | 334 |
| 01210020 | SIMPLE DROITE - 20 ECHELONS | 01210520 | 31787401862313 | 423 |
| 01210023 | SIMPLE DROITE - 23 ECHELONS | 01210523 | 31787401862320 | 510 |
| 01222006 | COULISSE A MAIN 2P - 2x6 ECHELONS | 01222306 | 3178740186890 | 175 |
| 01222007 | COULISSE A MAIN 2P - 2x7 ECHELONS | 01222307 | 31787401862429 | 229 |
| 01222008 | COULISSE A MAIN 2P - 2x8 ECHELONS | 01222308 | 31787401862436 | 298 |
| 01222010 | COULISSE A MAIN 2P - 2x10 ECHELONS | 01222310 | 31787401862443 | 380 |
| 01222012 | COULISSE A MAIN 2P - 2x12 ECHELONS | 01222312 | 31787401862450 | 526 |
| 01222014 | COULISSE A MAIN 2P - 2x14 ECHELONS | 01222314 | 31787401862467 | 585 |
| 01222016 | COULISSE A MAIN 2P - 2x16 ECHELONS | 01222316 | 31787401862474 | 643 |
| 01222006-002 | COULISSE A MAIN 2P C50 - 2x6 ECHELONS | 01222306-002 | 3178740186937 | 219 |
| 01222007-002 | COULISSE A MAIN 2P C50 - 2x7 ECHELONS | 01222307-002 | 3178740186944 | 284 |
| 01222008-002 | COULISSE A MAIN 2P C50 - 2x8 ECHELONS | 01222308-002 | 3178740186951 | 349 |
| 01222010-002 | COULISSE A MAIN 2P C50 - 2x10 ECHELONS | 01222310-002 | 3178740186968 | 430 |
| 01222012-002 | COULISSE A MAIN 2P C50 - 2x12 ECHELONS | 01222312-002 | 3178740186975 | 577 |
| 01232012 | COULISSE A CORDE 2P - 2X12 ECHELONS | 01232112 | 3178740186418 | 625 |
| 01232013 | COULISSE A CORDE 2P - 2X13 ECHELONS | 01232113 | 3178740186425 | 654 |
| 01232015 | COULISSE A CORDE 2P - 2X15 ECHELONS | 01232115 | 3178740186432 | 717 |
| 01232016 | COULISSE A CORDE 2P - 2X16 ECHELONS | 01232116 | 3178740186449 | 739 |
| 01232018 | COULISSE A CORDE 2P - 2X18 ECHELONS | 01232118 | 3178740186456 | 881 |
| 01232020 | COULISSE A CORDE 2P - 2X20 ECHELONS | 01232120 | 3178740186463 | 1006 |
| 01232023 | COULISSE A CORDE 2P - 2X23 ECHELONS | 01232123 | 3178740186470 | 1378 |

| Ref. 2017 | PRONOR | Ref. 2018 | GENCOD 2018 | TARIF 2018 € HT |
|-----------|--|-----------|---------------|-----------------|
| 01233010 | COULISSE A CORDE 3P - 3X10 ECHELONS | 01233110 | 3178740186708 | 974 |
| 01233012 | COULISSE A CORDE 3P - 3X12 ECHELONS | 01233112 | 3178740186715 | 1152 |
| 01233014 | COULISSE A CORDE 3P - 3X14 ECHELONS | 01233114 | 3178740186722 | 1251 |
| 01233016 | COULISSE A CORDE 3P - 3X16 ECHELONS | 01233116 | 3178740186739 | 1448 |
| 01233018 | COULISSE A CORDE 3P - 3X18 ECHELONS | 01233118 | 3178740186746 | 1624 |
| 01242007 | TRANSFORMABLE 2P - 2x7 ECHELONS | 01252007 | 3178740187682 | 289 |
| 01242008 | TRANSFORMABLE 2P - 2x8 ECHELONS | 01252008 | 3178740187699 | 295 |
| 01242009 | TRANSFORMABLE 2P - 2x9 ECHELONS | 01252009 | 3178740187705 | 336 |
| 01242010 | TRANSFORMABLE 2P - 2x10 ECHELONS | 01252010 | 3178740187712 | 356 |
| 01242012 | TRANSFORMABLE 2P - 2x12 ECHELONS | 01252012 | 3178740187729 | 504 |
| 01242014 | TRANSFORMABLE 2P - 2x14 ECHELONS | 01252014 | 3178740187736 | 658 |
| 01243008 | TRANSFORMABLE 3P - 3x8 ECHELONS | 01253008 | 3178740187262 | 534 |
| 01243009 | TRANSFORMABLE 3P - 3x9 ECHELONS | 01253009 | 3178740187279 | 585 |
| 01243010 | TRANSFORMABLE 3P - 3x10 ECHELONS | 01253010 | 3178740187286 | 619 |
| 01243012 | TRANSFORMABLE 3P - 3x12 ECHELONS | 01253012 | 3178740187293 | 834 |
| 1242608 | TRANSFORMABLE 2P - 2x8 - BASE RAPPORTEE | 01252608 | 3178740188405 | |
| 1242609 | TRANSFORMABLE 2P - 2x9 - BASE RAPPORTEE | 01252609 | 3178740188412 | |
| 1242610 | TRANSFORMABLE 2P - 2x10 - BASE RAPPORTEE | 01252610 | 3178740188429 | |
| 1242612 | TRANSFORMABLE 2P - 2x12 - BASE RAPPORTEE | 01252612 | 3178740188436 | |
| 1242614 | TRANSFORMABLE 2P - 2x14 - BASE RAPPORTEE | 01252614 | 3178740188443 | |
| 1243608 | TRANSFORMABLE 3P - 3x8 - BASE RAPPORTEE | 01253608 | 3178740188573 | |
| 1243609 | TRANSFORMABLE 3P - 3x9 - BASE RAPPORTEE | 01253609 | 3178740188580 | |
| 1243610 | TRANSFORMABLE 3P - 3x10 - BASE RAPPORTEE | 01253610 | 3178740188597 | |
| 1243612 | TRANSFORMABLE 3P - 3x12 - BASE RAPPORTEE | 01253612 | 3178740188603 | |
| 1243614 | TRANSFORMABLE 3P - 3x14 - BASE RAPPORTEE | 01253614 | 3178740188610 | |
| 1242107 | TRANSFORMABLE 2P - 2x7 - BASE EVASEE - A SANGLE | 01252107 | 3178740187743 | |
| 1242108 | TRANSFORMABLE 2P - 2x8 - BASE EVASEE - A SANGLE | 01252108 | 3178740187750 | |
| 1242109 | TRANSFORMABLE 2P - 2x9 - BASE EVASEE - A SANGLE | 01252109 | 3178740187767 | |
| 1242110 | TRANSFORMABLE 2P - 2x10 - BASE EVASEE - A SANGLE | 01252110 | 3178740187774 | |

| Ref. 2017 | PROLINE | Ref. 2018 | GENCOD 2018 | TARIF 2018 € HT |
|-----------|-------------------------------------|-----------|---------------|-----------------|
| - | SIMPLE DROITE - 8 ECHELONS | 11210008 | 3178740182014 | 90 |
| - | SIMPLE DROITE - 9 ECHELONS | 11210009 | 3178740182021 | 108 |
| - | SIMPLE DROITE - 10 ECHELONS | 11210010 | 3178740182038 | 117 |
| - | SIMPLE DROITE - 12 ECHELONS | 11210012 | 3178740182045 | 160 |
| - | SIMPLE DROITE - 14 ECHELONS | 11210014 | 3178740182052 | 199 |
| - | SIMPLE DROITE - 16 ECHELONS | 11210016 | 3178740182069 | 209 |
| - | COULISSE A MAIN 2P - 2x8 ECHELONS | 11222008 | 3178740182076 | 240 |
| - | COULISSE A MAIN 2P - 2x10 ECHELONS | 11222010 | 3178740182083 | 278 |
| - | COULISSE A MAIN 2P - 2x12 ECHELONS | 11222012 | 3178740182090 | 373 |
| - | COULISSE A MAIN 2P - 2x14 ECHELONS | 11222014 | 3178740182106 | 423 |
| - | COULISSE A CORDE 2P - 2x12 ECHELONS | 11232012 | 3178740182113 | 458 |
| - | COULISSE A CORDE 2P - 2x15 ECHELONS | 11232015 | 3178740182120 | 550 |
| - | COULISSE A CORDE 2P - 2x16 ECHELONS | 11232016 | 3178740184858 | 577 |
| - | COULISSE A CORDE 2P - 2x18 ECHELONS | 11232018 | 3178740182137 | 679 |

| Ref. 2017 | PROLINE | Ref. 2018 | GENCOD 2018 | TARIF 2018 € HT |
|-----------|-------------------------------------|-----------|---------------|-----------------|
| - | COULISSE A CORDE 3P - 3X10 ECHELONS | 11233010 | 3178740184865 | 707 |
| - | COULISSE A CORDE 3P - 3X12 ECHELONS | 11233012 | 3178740182144 | 832 |
| - | COULISSE A CORDE 3P - 3X14 ECHELONS | 11233014 | 3178740182151 | 932 |
| - | COULISSE A CORDE 3P - 3X16 ECHELONS | 11233016 | 3178740182168 | 1096 |
| 11242507 | TRANSFORMABLE 2P - 2X7 ECHELONS | 11242707 | 3178740188450 | 233 |
| 11242508 | TRANSFORMABLE 2P - 2X8 ECHELONS | 11242708 | 3178740188467 | 235 |
| 11242509 | TRANSFORMABLE 2P - 2X9 ECHELONS | 11242709 | 3178740188474 | 272 |
| 11242510 | TRANSFORMABLE 2P - 2X10 ECHELONS | 11242710 | 3178740188481 | 297 |
| 11243507 | TRANSFORMABLE 3P - 3X7 ECHELONS | 11243707 | 3178740188627 | 388 |
| 11243508 | TRANSFORMABLE 3P - 3X8 ECHELONS | 11243708 | 3178740188634 | 435 |
| 11243509 | TRANSFORMABLE 3P - 3X9 ECHELONS | 11243709 | 3178740188641 | 484 |
| 11243510 | TRANSFORMABLE 3P - 3X10 ECHELONS | 11243710 | 3178740188658 | 514 |

PRODUCT EVOLUTIONS FOR STARLINE LADDERS



Single straight

Addition of a base with reinforced footpads (models over 3 metres)



2/3 section rope-operated

Addition of a base with reinforced footpads



2-section manual extension

Addition of a base with reinforced footpads



Transformable

**► Widened base with reinforced footpads
► 3rd section (over 3 m) made inseparable**

| Ref. 2017 | STARLINE | Ref. 2018 | GENCOD 2018 | TARIF 2018 € HT |
|-----------|-------------------------------------|-----------|---------------|-----------------|
| 00110108 | SIMPLE DROITE - 1X8 ECHELONS | 00110308 | 3178740185565 | 83 |
| 00110109 | SIMPLE DROITE - 1X9 ECHELONS | 00110309 | 3178740185572 | 90 |
| 00110110 | SIMPLE DROITE - 1X10 ECHELONS | 00110310 | 3178740185589 | 106 |
| 00110112 | SIMPLE DROITE - 1X12 ECHELONS | 00110312 | 3178740162337 | 135 |
| 00110114 | SIMPLE DROITE - 1X14 ECHELONS | 00110314 | 3178740162344 | 161 |
| 00122108 | COULISSE A MAIN 2P - 2X8 ECHELONS | 00122308 | 3178740162481 | 178 |
| 00122110 | COULISSE A MAIN 2P - 2X10 ECHELONS | 00122310 | 3178740162498 | 225 |
| 00122112 | COULISSE A MAIN 2P - 2X12 ECHELONS | 00122312 | 3178740162504 | 301 |
| 00132114 | COULISSE A CORDE 2P - 2X14 ECHELONS | 00132314 | 3178740162795 | 466 |
| 00132116 | COULISSE A CORDE 2P - 2X16 ECHELONS | 00132316 | 3178740162801 | 514 |
| 00142107 | TRANSFORMABLE 2P - 2X7 ECHELONS | 00142307 | 3178740188498 | 154 |
| 00142108 | TRANSFORMABLE 2P - 2X8 ECHELONS | 00142308 | 3178740188504 | 180 |
| 00142109 | TRANSFORMABLE 2P - 2X9 ECHELONS | 00142309 | 3178740188511 | 201 |
| 00142110 | TRANSFORMABLE 2P - 2X10 ECHELONS | 00142310 | 3178740188528 | 225 |
| 00142112 | TRANSFORMABLE 2P - 2X12 ECHELONS | 00142312 | 3178740188535 | 290 |

| Ref. 2017 | STARLINE | Ref. 2018 | GENCOD 2018 | TARIF 2018 € HT |
|-----------|----------------------------------|-----------|---------------|-----------------|
| 00143107 | TRANSFORMABLE 3P - 3X7 ECHELONS | 00143307 | 3178740188665 | 239 |
| 00143108 | TRANSFORMABLE 3P - 3X8 ECHELONS | 00143308 | 3178740188672 | 270 |
| 00143109 | TRANSFORMABLE 3P - 3X9 ECHELONS | 00143309 | 3178740188689 | 313 |
| 00143110 | TRANSFORMABLE 3P - 3X10 ECHELONS | 00143310 | 3178740188696 | 347 |
| 00143111 | TRANSFORMABLE 3P - 3X11 ECHELONS | 00143311 | 3178740188702 | 383 |
| 00143112 | TRANSFORMABLE 3P - 3X12 ECHELONS | 00143312 | 3178740188719 | 427 |

