

UNGER[®]

Quality Tools for Smart Cleaning



THE ALL NEW

nLITE[®]

NOTHING STAYS THE SAME.

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nLITE®

A MILESTONE FOR PURE WATER CLEANING: THE ALL NEW nLITE WATERFED POLE SYSTEM

It's high time to take cleaning with pure water to a new dimension and era.

It's time to invent a whole new form of telescopic waterfed pole technology.

It's time for a game changer:

THE ALL NEW nLITE

NOTHING STAYS THE SAME!

UNGER is now setting aside the achievements of the past and is once again proving its unconditional will, innovative pioneering spirit, and courageous foresight.

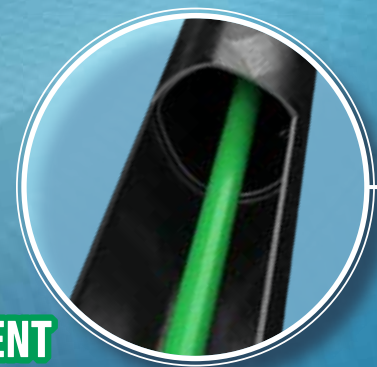
Discover the best and most advanced telescopic waterfed pole system today:

LIGHTER, MORE PRECISE, FASTER.



SMARTLOCK CLAMPS

- Easy and quick to close with just one finger
- Robust 2C material
- Clamp mechanism that protects the carbon material and ensures a long service life for the pole
- Extension stop prevents pulling out pole elements too far



INTEGRATED HOSE MANAGEMENT

Internal routing of the new, highly flexible DuroFlex hose in the telescopic pole for trouble-free work on windows and facades.

Complete flexibility: external routing possible thanks to optional nLite clips.

NEW!



PRECISIONGRIP POLE FORM

Innovative, unique pole shape, with contact surfaces optimally adapted to the shape of your hand:

- For ergonomic working and making best use of your strength
- More precise control of the cleaning movement and high force transmission
- Uninterrupted work due to non-twisting pole



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TOP PERFORMANCE THROUGH PROGRESS

Innovation, high quality, and customer-oriented development have always been **UNGER**'s guiding principles. This applies once again to the new generation of the **nLite** telescopic pole system:

- German engineering in a timelessly stylish design
- Intelligent solution for faster, more flexible system setup
- Pioneering technologies for more effective cleaning results
- High Quality – Made in Germany



HIGH-END CARBON MATERIALS

Ultra-lightweight. Extremely durable. Four choices of carbon:

- **CARBON COMPOSITE:** High quality mix of carbon and glass fibres
- **CARBON 24K:** Premium carbon fibres in a unique weave of 24,000 fibres per bundle
- **HiMod CARBON:** Premium carbon fibres with extreme rigidity and high resilience
- **Ultra HiMod CARBON:** Specially woven high-end carbon fibres with 30% greater stiffness than HiMod Carbon for particularly tall working heights



MORE STABLE, HIGHER, MORE PRECISE, WOW!

UNGER has developed its new nLite telescopic poles to take your performance to new heights. Maximising refined details and precision while minimising time and effort spent getting organised for your work.

- No twisting: trouble-free work and less wear and tear
- Optimal stability-to-weight ratio
- Greater pole rigidity
- More precise control of the cleaning movement



POWER BRUSH AND ANGLE ADAPTER

Innovative modular system that makes a difference because it offers almost limitless application options:

- 2 brush widths combined with further equipment options
- Gooseneck adapter system = maximum flexibility even in hard-to-reach places

TELESCOPIC MAIN POLE

6-sections main telescopic pole:

- Can be extended with extension poles (CARBON 24K, HiMod CARBON, Ultra HiMod CARBON)
- Length 8.6 m (collapsed 1,7 m) means you can reach the second floor
- Optimal diameter for perfect ergonomic handling

EXTENSION ADAPTER

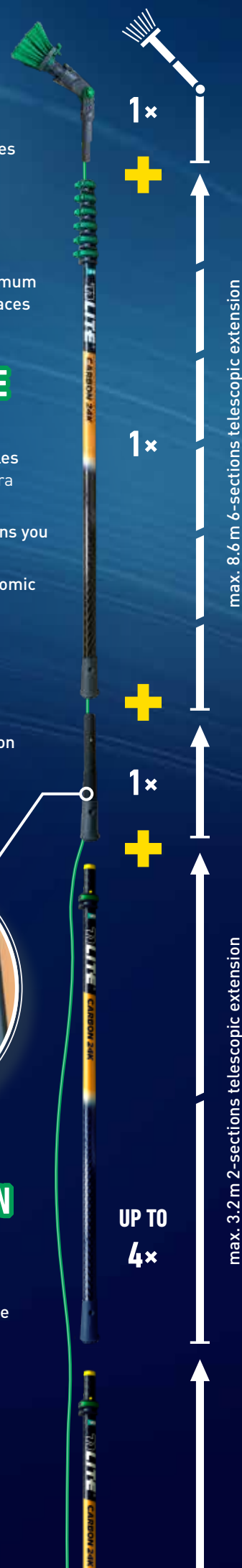
Connects the first telescopic extension pole to the telescopic main pole with internal hose routing.



TELESCOPIC EXTENSION POLE

2-sections telescopic extension pole:

- Length 3.2 m (collapsed 1,8 m) = one floor
- Depending on the version, up to 4 extension poles can be used
- Working heights up to 22 m
- Constant and optimal diameter for every length



UNPRECEDENTED DIMENSIONS IN WINDOW CLEANING

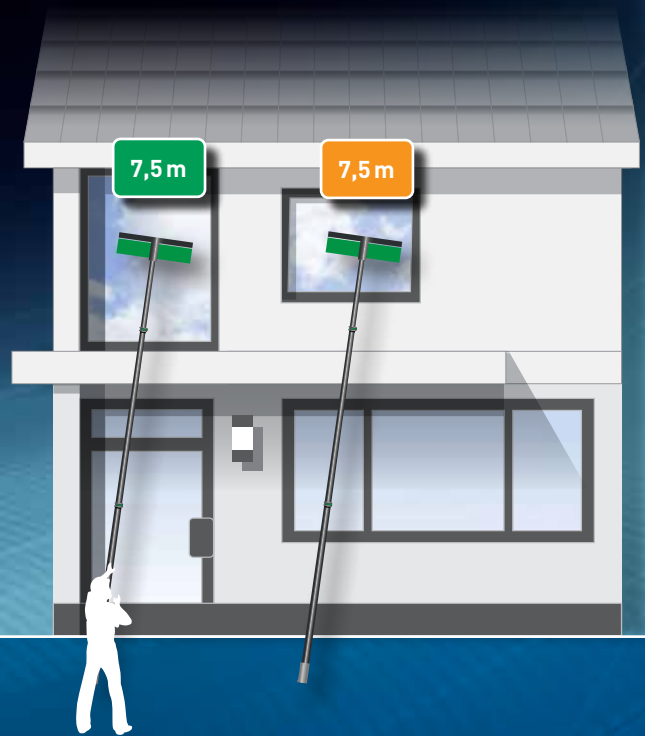
The pole lengths offered by the all new **nLite** system have been created and optimised for your everyday work.

From now on, you can easily think of how many floors' you can clean. The telescopic main pole now measures 8.6 m, so it extends to the 2nd floor. Each extension pole offers exactly the additional length to take you up another storey (3.05 m).

For use in less high buildings or with a boom lift, we have the right solution for you with telescopic poles ranging from 1.6 m to 6 m in length.

UNGER guarantees the best possible premium quality in each of the 4 material classes used and thus the perfect solution for every working height.

4,7 m — Colour = material quality
metres shown = working height



Part number:	CC32T	CC60T	CF60T
Pole elements:	2	4	4
Total pole length:	3.20 m	6.00 m	6.00 m
Recommended for:	Ground floor	1st floor	1st floor

Carbon COMPOSITE

RESILIENCE: 100 GPa

Recommended for working heights of up to **10 m**

Carbon 24k

RESILIENCE: 210 GPa

Recommended for working heights of up to **16 m**

CC16T
Pole length 1.6 m



CC85T

6
8.60 m
2nd floor

CF86G + 2x CF33G

6 + 2x2
14.70 m
4th floor

HM86G + 3x HM33G

6 + 3x2
17.80 m
5th floor

UH86G + 4x UH33G

6 + 4x2
20.80 m
6th floor

HiMod CARBON

RESILIENCE: 360 GPa

Recommended for working heights of up to **19 m**

Ultra HiMod CARBON

RESILIENCE: 760 GPa

Recommended for working heights of up to **22 m**

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NEW!

RINSE BAR

This special flushing nozzle bar is attached above the brush and delivers the right amount of pure water exactly where it is needed for powerful rinsing of the cleaned surface - surface - more effective than ever before! Ideal in connection with the swivel function

- Water jets from the nozzle block built into the middle of the brush ensure powerful dirt removal



POWER BRISTLE TECHNOLOGY

- A** Inner bristles with extremely high cleaning performance, comparable to natural hair bristles
- B** Longer outer bristles for easy gliding: no more annoying jumping of the brush



SOFT TOUCH BUMPER

- The edge protection made of soft plastic:
- Safe protection against scratches and other damage to window frames
 - Significant noise reduction when coming into contact with parts of the building



ON TOP: SWIVEL FUNCTION AND POWER BRISTLE TECHNOLOGY

Outstanding down to the last detail: a fully optimized brush concept prepares you for almost any challenge.

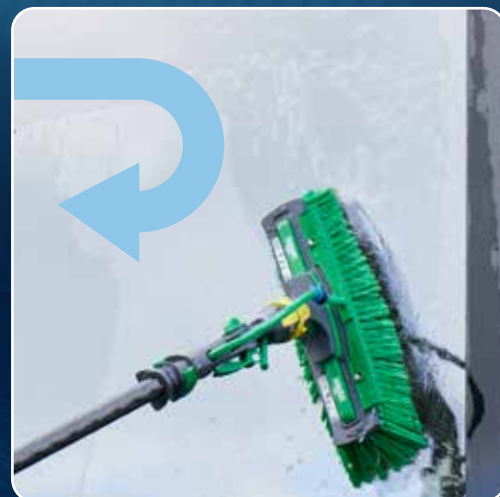
- Clever water distribution system
- Innovative bristle technology
- Precision cleaning down to the last corner
- Ultimate cleaning performance for perfect results



SWIVEL LOCK

You've never cleaned faster and more precisely down to the last corner: the swivel function is a completely new way of cleaning with pure water up to the first floor (6 m). Open the SwivelLock and experience the advantages:

- The brush socked, which can be swivelled freely through 180°, enables the surface to be cleaned with an S movement with the brush touching down over the entire surface
- Enlarges the work area, ideal for cleaning from boom lifts or gondolas



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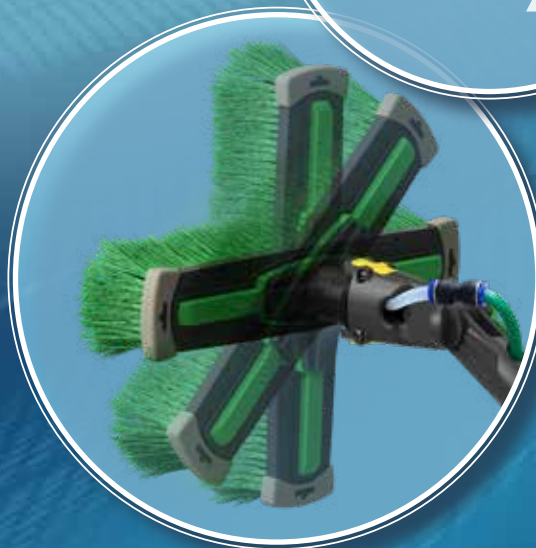
MODULAR ANGLE ADAPTER SYSTEM: CLEAN HARD-TO-REACH PLACES

Another clever feature of the new **nLite** pole system is the modular angle system, in which you can combine four individual elements in any number of variants in order to easily reach places that are difficult to access. Whether conservatories or overhanging façade elements, this system gives you the perfect angle for every application.

Simply adapt the modular angle adapter individually to your application. The angle is freely adjustable and quickly fixed with the clamps.



- A** Pole adapter
- B** Brush adapter
- C** Angle element short
- D** Angle element long



FAST LOCK

With a single click: simple, fast, and stable connection for every work situation:

- Change brushes in seconds
- Adjust brush angle in 45° stages
- No twisting when cleaning!

NEW!

ANGLE ADAPTER KITS

Choose from three pre-configured angle adapter kits:



Angle adapter kit L
NGS45

Angle adapter kit M
NGS30

Angle adapter kit S
NGS15

HYDRO POWER: OUR INNOVATIVE AND EFFICIENT PURE WATER FILTERS

If you want to clean with the most advanced telescopic pole system, the right pure water filter is indispensable. Depending on your individual requirements, choose between DI or RO in different performance classes. Here you will find the solution that fits your requirements:

ungerglobal.com/en/applications/pure-water-cleaning-system



PRODUCT OVERVIEW

nLite® Telescopic poles



	Part No.	Info	Extended	Collapsed	Sections	Pack
CARBON COM POSITE	CC16T	Telescopic pole	1,6 m	0,9 m	2	1
	CC32T	Telescopic pole	3,2 m	1,7 m	2	1
	CC60T	Telescopic pole	6,0 m	1,7 m	4	1
	CC85T	Telescopic pole	8,6 m	1,7 m	6	1
	CC85C	Telescopic pole CC85T, Angle adapter NGS15, Power brush NFF28				
CARBON 24K	CF60T	Telescopic pole	6.0 m	1,7 m	4	1
	CF86G	Telescopic main pole	8.6 m	1,7 m	6	1
	CF33G	Telescopic extension pole	3.2 m	1,8 m	2	1
	CF12C	Telescopic main pole CF86G, Extension adapter NLHCC, Telescopic expansion pole CF33G, Angle adapter NGS30, Power brush NFF28				
HiMod CARBON	HM86G	Telescopic main pole	8.6 m	1,7 m	6	1
	HM33G	Telescopic extension pole	3.2 m	1,8 m	2	1
	HM12C	Main telescopic pole HM86G, Extension adapter NLHCC, Telescopic expansion pole HM33G, Angle adapter NGS30, Power brush NFK28				
Ultra HiMod CARBON	UH86G	Telescopic main pole	8.6 m	1,7 m	6	1
	UH33G	Telescopic extension pole	3.2 m	1,8 m	2	1
	UH12C	Telescopic main pole UH86G, Extension adapter NLHCC, Telescopic expansion pole UH33G, Angle adapter NGS30, Power brush NFK28				

All telescopic poles (excl. extension poles) are delivered with an internal hose (pole length + approx. 30 cm)
The hose from the pole to the water filter must be supplemented (DLS25 or DLS50).

nLite® Power Brushes, Angle Adapters and Accessories



	Part No.	Info	Width	Bristles	Pack
POWER BRUSHES	NUF28	Power brush	28 cm	Unflagged	1
	NFF28	Power brush	28 cm	Flagged	1
	NUF41	Power brush	41 cm	Unflagged	1
	NFF41	Power brush	41 cm	Flagged	1
	NUK28	Power brush, bumper, swivel function, rinse bar	28 cm	Unflagged	1
	NFK28	Power brush, bumper, swivel function, rinse bar	28 cm	Flagged	1
	NUK41	Power brush, bumper, swivel function, rinse bar	41 cm	Unflagged	1
	NFK41	Power brush, bumper, swivel function, rinse bar	41 cm	Flagged	1
ANGLE ADAPTER	Part No.	Info	Width		Pack
	NGS15	Angle adapter kit S	15 cm		1
	NGS30	Angle adapter kit M	42 cm		1
	NGS45	Angle adapter kit L	82 cm		1
ACCESSORIES	Part No.	Info	Length		Pack
	NLWVI	Water flow regulator	-		1
	NLHKP	Clips for outer hose routing	-		6
	NLHCC	Extension adapter	40 cm		1
	DLS25	DuroFlex hose, Ø 8mm outside, 5mm inside	25 m		1
	DLS50	DuroFlex hose, Ø 8mm outside, 5mm inside	50 m		1

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