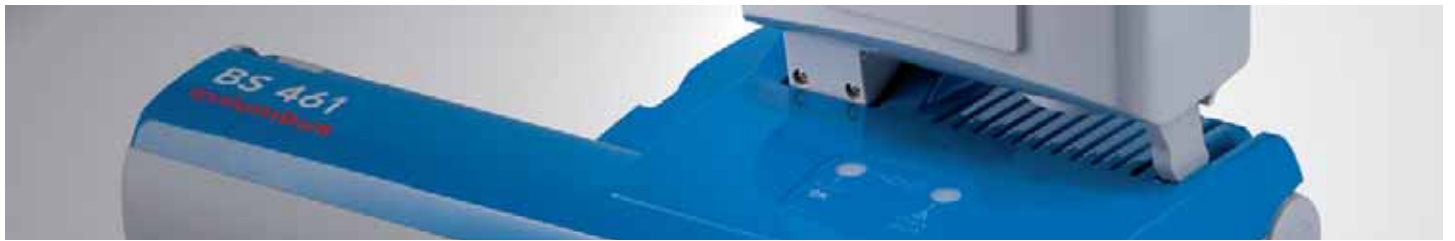


TEXTILE FLOOR CLEANING THAT LASTS. CARPET CARE STEP BY STEP



PRESERVE THE VALUE OF YOUR TEXTILE FLOOR COVERING. IN THREE STEPS. CLEAN PLANNING. WITH PREDICTABLE COSTS.

Textile flooring has lots of advantages: They are downright durable, radiate comfort, dampen noise, warm the feet as well as the atmosphere and facilitate decorative variations no matter what the type of property. The most important aspect is that carpeting is much more hygienic than is widely believed. Dust and other allergens remain settled on the floor until the next time the carpet is cleaned.

In order to preserve these positive traits, proper care is in order. This comprises a cleaning plan in three steps: daily, intermediate and deep cleaning. With professional columbus equipment for small, medium and larger surfaces. For the best appearance, long-lasting value retention and predictable costs.

Daily cleaning

Surface dust and dirt particles must be removed daily. That is the first step to beautiful textile floor coverings that last. columbus upright and vacuum cleaners innately provide ideal conditions: robust construction, powerful suction, low noise output and good ergonomics for fatigue-free working. With the right attachments, all models can be perfectly configured for the task at hand. The ST 7 vacuum cleaner and the three ST 11 models have Bioneem fleece bags with TÜV tested, anti-allergic effects for hygienic cleanliness – for example for daily cleaning in hotel rooms.

Intermediate cleaning

For those areas that are more soiled, the second step, intermediate cleaning with the columbus Thermopad method, is recommended – for example in hallways, walkways in offices and banks, restaurants and hotel rooms or foyers. The patented, efficient and whisper quiet process is ideal for almost all types of carpet. Applying heat intensifies the cleaning solution's effects and the task is completed faster. Stuck-on dirt is removed completely and instantly leaving the floors ready to walk on again right away. Another advantage of partial or complete intermediate cleaning with the columbus Thermopad method is that step three – deep cleaning – can be put off for a long time.

Deep cleaning

Whether in the spring, the autumn or in seasonally convenient time windows, columbus has suitable methods and machines for deep cleaning at your disposal. For example two manually-operated models for cleaning small or medium-sized surfaces with spray extraction. With this method, the cleaning solution is used up in a single operation and vacuumed up with the loosened dirt. For deep down dirt, a combination of shampooing with a single disc machine and then spray extraction with clear water is recommended. Both dirt and all traces of cleaning product rinse away completely. The textile floor covering is clean down to the fibres and protected against becoming dirty again so quickly. The scrubber dryer for carpets with the best possible attachments for spray extraction and thus a wider variety of applications is the best choice for those who want to clean larger areas thoroughly and conveniently.





CLEAN IS QUALITY

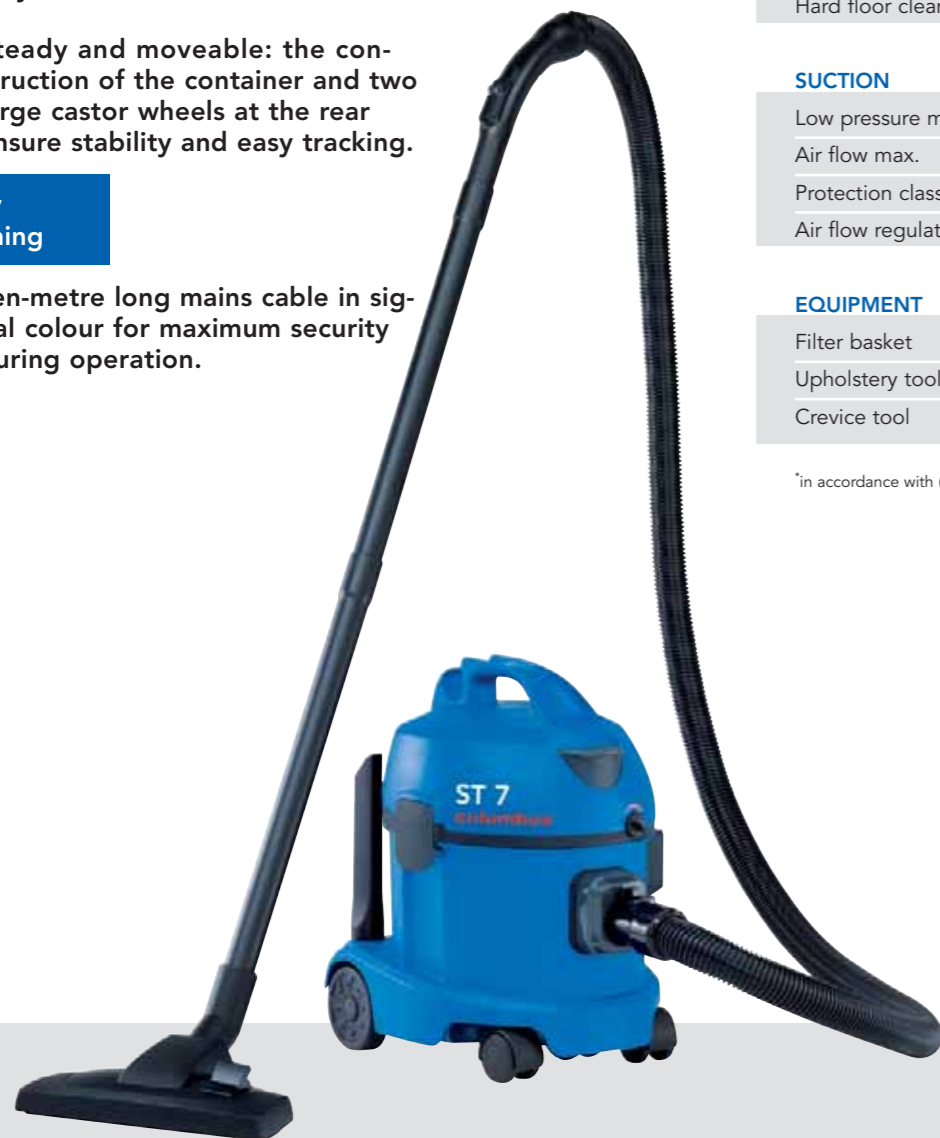
SMALL. LIGHTWEIGHT. MANOEUVRABLE. A VERY STRONG VACUUM CLEANER.

ST 7

- 🔗 The powerful professional dry vac with 7 litre fleece filter bag for everyday cleaning of textile floor coverings.
- 🔗 Extremely quiet with only 59 dB(A), for low noise vacuuming also during business hours.
- 🔗 Fatigue-free working: the air flow level can be altered infinitely according to the floor conditions, via a switch directly at the container and also at the hand tube.
- 🔗 With a weight of only 4.8 kg, compact design and storage brackets for suction nozzle and accessories the ST 7 makes transport easy and reduces storage requirements, not only within the vehicle.
- 🔗 Steady and moveable: the construction of the container and two large castor wheels at the rear ensure stability and easy tracking.

Daily cleaning

- 🔗 Ten-metre long mains cable in signal colour for maximum security during operation.



ST 7

| | |
|---------------------------------|--------------------|
| L x W x H | 350 x 280 x 400 mm |
| Working width | 270 mm |
| Volume fleece dust bag, class M | 7 l |
| Noise level (1 m) | 59 dB(A) |
| Sound power level* | 73 dB(A) |
| Weight | 4.8 kg |
| Nominal diameter | 32 mm |

ELECTRICAL DATA

| | |
|--|--------|
| Rated voltage | 230 V |
| Power max. | 1250 W |
| Mains cable | 10 m |
| Energy efficiency class* | E |
| Average annual energy consumption* | 50 kWh |
| Dust re-emission class* | C |
| Carpet cleaning performance class* | E |
| Hard floor cleaning performance class* | C |

SUCTION

| | |
|---------------------|------------|
| Low pressure max. | 290 mbar |
| Air flow max. | 60 l/s |
| Protection class | II |
| Air flow regulation | mechanical |

EQUIPMENT

| | |
|-----------------|-----|
| Filter basket | yes |
| Upholstery tool | yes |
| Crevice tool | yes |

*in accordance with (EU) Regulation No 665/2013

SAFE TO DRIVE. QUIET AS A WHISPER. THE ALLROUND MODEL.

ST 11

- 🔗 ST 11, ST 11 pro and ST 11 pro+: three models in a compact design and with a large 11 litre fleece filter bag for professional use on textile surfaces.
- 🔗 Keyword "customised": the right attachments for diverse applications.
- 🔗 Steady and moveable: the innovative design with a low centre of gravity and the rubberized castor wheels at the rear of the appliance ensure stability and directional tracking capability.
- 🔗 Extremely low noise with only 58 dB(A), ideal for use in noise sensitive areas.
- 🔗 The strong low pressure provides for consistently high suction power.
- 🔗 Fatigue-free working: the air flow can be altered infinitely directly at the container and also at the hand tube, according to the floor conditions.
- 🔗 Easy to transport and always tidy: the vacuum cleaner features an ergonomic handle, the mains cable in signal colour finds its place in the cable compartment or simply on the cable-hook – swiftly locked via a sliding locking mechanism.
- 🔗 Two integrated parking positions to the left or right for the combi floor tool.



OR EVEN MORE ECONOMICAL:
WITH THE ECO-FUNCTION.

ST 11 pro



Daily
cleaning

- Operator friendly: the vacuum power of the ST 11 pro can be adjusted infinitely by using the electronics depending on the floor conditions.
- As economical as it is environmentally friendly: operated in the eco-function, the electronics reduces the energy consumption by 0.5 kWh, resulting in a saving of up to 40 percent.
- Longer lifespan: soft start of motor to protect the aggregate.
- Standard large operating radius: mains cable in signal colour is 15 m in length.
- Work comfortably and efficiently: telescopic tube infinitely adjustable, high-quality combi floor tool providing for large working width of 300 mm and optimal airflow for thorough cleaning of both, hard floors and textile surfaces.
- The rubber castor wheels at the front and the rubber wheels at the rear side provide for steady, low noise and secure manoeuvrability.



ALSO FOR BRUSH VACUUMING.
THE 3 IN 1 SOLUTION.

ST 11 pro⁺

| | ST 11 | ST 11 pro/pro ⁺ |
|-----------------------------------|--------------------|----------------------------|
| L x W x H | 390 x 300 x 410 mm | 390 x 300 x 410 mm |
| Working width | 270 mm | 300 mm |
| Volume fleece filter bag, class M | 11 l | 11 l |
| Noise level (1 m) | 58 dB(A) | 58 dB(A) |
| Sound power level* | 77 dB(A) | 77/82 dB(A) |
| Weight | 6.7 kg | 6.7 kg |
| Nominal diameter | 32 mm | 32 mm |

ELECTRICAL DATA

| | | |
|--|--------|-----------|
| Rated voltage | 230 V | 230 V |
| Power max. | 1250 W | 1250 W |
| Mains cable | 10 m | 15 m |
| Energy efficiency class* | E | E/D |
| Average annual energy consumption* | 52 kWh | 52/45 kWh |
| Dust re-emission class* | C | C/A |
| Carpet cleaning performance class* | G | G/E |
| Hard floor cleaning performance class* | C | C/E |

SUCTION

| | | |
|---------------------|------------|--------------|
| Low pressure max. | 290 mbar | 290 mbar |
| Air flow max. | 60 l/s | 60 l/s |
| Protection class | II | II |
| Air flow regulation | mechanical | electronical |

EQUIPMENT

| | | |
|-----------------------------|-----|----------|
| Telescopic tube | – | yes |
| Filter basket | yes | yes |
| Exhaust air filter cassette | yes | yes/HEPA |
| Upholstery tool | yes | yes |
| Crevice tool | yes | yes |

*in accordance with (EU) Regulation No 665/2013

| | Filter class | ST 7 | ST 11 | ST 11 pro/pro ⁺ |
|----------------------------|--------------|------|-------|----------------------------|
| Fleece filter bags Bioneem | M | ⊙ | ⊙ | ⊙ |
| Fleece filter bags H11 | H11 | ○ | ○ | ○ |
| Filter basket | H7 | ●⊙ | ○⊙ | ○⊙ |
| Filter basket | H12 | ○⊙ | ●⊙ | ●⊙ |
| Protection filter motor | | ● | ● | ● |
| Exhaust filter | | ● | ● | ●/○ |
| Exhaust filter HEPA 12 | H12 | | ○ | ○/● |
| Exhaust filter HEPA 14 | H14 | | ○ | ○ |

Standard ● Accessory ⊙ Optional ○ Washable ⊕

- The ST 11 pro⁺ has all the favourable features of the ST 11 pro combined, among others the infinitely electrical adjustment of the vacuum power; the reduced energy consumption of the eco-function – plus the brush vacuuming functions for optimal treatment of textile surfaces.
- The electrical driven brush tool can be connected easily via the integrated socket and operated through the one-hand-switch on the hand tube.
- For standard vacuuming: the telescopic tube and the high quality floor tool of the ST 11 pro are optionally available.



BARRIER PROTECTION WITH BIONEEM. FOR THE LIFETIME OF THE BAG.

A COLUMBUS EXCLUSIVE

- For the vacuum cleaners ST 7, ST 11, ST 11 pro and ST 11 pro+: Bioneem fleece filter bags – filter class M for hypo-allergenic use. With TÜV-certified filter effect.
- Bioneem acts as an invisible barrier. The mite faeces in the dust and micro-fine allergens remain safe in the bag; the filtered exhaust air is hygienically clean.
- 100 per cent economical: the tear-resistant fleece bag can be filled completely to its full capacity – at optimal suction power and air flow. And can be disposed of hygienically thanks to the closing cap.

Obtained from the seeds of the neem tree, a tropical plant esteemed for millennia for its natural medicinal properties, Bioneem (margosa extract) has a proven active combination of natural ingredients. Bioneem makes the mites' food source (skin cells) inedible thereby extensively inhibiting their reproduction. In addition to regular vacuuming of floors, mattresses and upholstery, the application of Bioneem spray contributes to a healthy atmosphere in the room. Bioneem is not toxic to humans and leaves no residues.



Daily
cleaning

Bioneem



- Filterwirkung geprüft
- Saugleistung geprüft
- Nutzungsdauer geprüft



WORK ERGONOMICALLY, CLEAN EFFICIENTLY.
WITH THE IDEAL SWEEPING HEIGHT.

profi 370 XP 2, XP 3

profi 370

- ⓘ The single-motor upright model is always a good choice for small to medium-sized surfaces with extension tube and telescopic hose as well as its easy and ergonomic operation.
- ⓘ For deep down suction, the height of the carpet brush is simple to adjust by hand into one of four positions to match the pile height.
- ⓘ The brush can be changed easily with out tools. If the brush is jammed in suction mode, the machine stops automatically.



Daily
cleaning

| | profi 370 | XP 2 | XP 3 |
|---------------------|---------------------|---------------------|---------------------|
| L x W x H | 300 x 370 x 1250 mm | 300 x 370 x 1170 mm | 300 x 440 x 1170 mm |
| Working width | 370 mm | 370 mm | 460 mm |
| Working height max. | 140 mm | 140 mm | 140 mm |
| Noise level | 66 dB(A) | 66 dB(A) | 66 dB(A) |
| Sound power level* | 82 dB(A) | 81 dB(A) | 81 dB(A) |
| Weight | 7.5 kg | 7.5 kg | 7.7 kg |

ELECTRICAL DATA

| | | | |
|------------------------------------|----------|----------|--------|
| Rated voltage | 230 V | 230 V | 230 V |
| Power max. | 1300 W | 1300 W | 1300 W |
| Mains cable | 12 m | 12 m | 12 m |
| Energy efficiency class* | C | C | C |
| Average annual energy consumption* | 36.1 kWh | 36.5 kWh | 39 kWh |
| Dust re-emission class* | C | F | F |
| Carpet cleaning performance class* | B | C | F |

SUCTION

| | | | |
|--------------------|----------|----------|----------|
| Low pressure, max. | 225 mbar | 225 mbar | 225 mbar |
| Air flow, max. | 50 l/s | 50 l/s | 50 l/s |

BRUSHES

| | | | |
|------------------|--|-----------|-----------|
| Brush speed | 2700 rpm | 2700 rpm | 2700 rpm |
| Brush drive | Toothed belt with electronic overload protection | | |
| Floor adjustment | 4-fold manual | automatic | automatic |

EQUIPMENT

| | | | |
|-----------------|-----|-----|-----|
| Crevice tool | yes | yes | yes |
| Upholstery tool | yes | yes | yes |
| Round brush set | | yes | yes |

*in accordance with (EU) Regulation No 665/2013

XP 2, XP 3

- ⓘ The single-motor fully automatic comfort-class vacuum cleaner cares for textile flooring as gently as it is thorough with its operating width of 370 or 460 mm.
- ⓘ The light models are easy to steer ensuring fatigue-free operation even over longer periods.
- ⓘ Extendible tube and telescopic hose for cleaning hard to reach places are standard.
- ⓘ The brush adjusts automatically and exactly to any floor covering from high pile to needle punch carpet.

WORK ON LARGE SURFACES DOWN TO THE FIBRES. DUAL MOTOR. IN TWO OPERATING WIDTHS.

BS 361 BS 461

- The dual motor carpet upright in the premium class with operating widths of 360 or 460 mm are ideally suited to quick yet careful cleaning of medium-sized to large surfaces down to the fibres.
- Both models are robustly built and are equipped with durable timing belts as well as high-performance brush and suction motors.

- Comfortable: the vacuum cleaners are ergonomic and easy to steer thanks to powerful brush propulsion, automatic steering and four rollers. A cleaning flap facilitates maintenance.
- With their very flat construction, BS 361 and BS 461 have no problem reaching under beds and dressers.
- The electric suction brush made of high density polyethylene can be manually adjusted to four positions aligning it to pile height and carpet properties such as for Kugelgarn® or velour.
- No tools are necessary for changing the brush strips and the release hatch opens with only light pressure.
- Work without fatigue right into the corners with the long tube and extendible telescopic hose.



If the brush gets jammed, the vacuum turns off right away.

| | BS 361 | BS 461 |
|---------------------|---------------------|---------------------|
| L x W x H | 260 x 360 x 1250 mm | 260 x 460 x 1250 mm |
| Working width | 360 mm | 3460 mm |
| Working height max. | 90 mm | 90 mm |
| Noise level (1 m) | 68 dB(A) | 69 dB(A) |
| Sound power level* | 82 dB(A) | 82 dB(A) |
| Weight | 9 kg | 9.5 kg |

ELECTRICAL DATA

| | | |
|------------------------------------|----------|----------|
| Rated voltage | 230 V | 230 V |
| Power max. | 1475 W | 1500 W |
| Mains cable | 12 m | 12 m |
| Energy efficiency class* | D | B |
| Average annual energy consumption* | 40.5 kWh | 31.9 kWh |
| Dust re-emission class* | G | G |
| Carpet cleaning performance class* | B | A |

SUCTION

| | | |
|-------------------|----------|----------|
| Low pressure max. | 230 mbar | 230 mbar |
| Air flow max. | 52 l/s | 52 l/s |

BRUSHES

| | | |
|------------------|--|---------------|
| Brush speed | 3300 rpm | 3300 rpm |
| Brush drive | Toothed belt with electronic overload protection | |
| Floor adjustment | 4-fold manual | 4-fold manual |

EQUIPMENT

| | | |
|----------------------|-----|-----|
| Crevice tool | yes | yes |
| Clip for accessories | yes | yes |

*in accordance with (EU) Regulation No 665/2013

Daily
cleaning

THERMOPAD. THERMO-ACTIVE CARPET CARE. UNIQUE. AND ONLY FROM COLUMBUS.

Thermopad



- ❶ Patented, economical cleaning system to leave carpeted floors in offices, businesses, hotel rooms and IT centres clean and immediately usable.
- ❷ Impressive operating principle: the cleaning agent Maxil uses heat to quickly loosen even worn-in dirt, which is picked up fast and without residue by the Queen Bonnet Pad. The agitator pad allows even faster drying.
- ❸ The system works equally effectively on all kinds of carpet and contributes to maintaining the quality of the flooring.
- ❹ Whisper quiet: the machine produces very little noise when in operation and can be used during working hours.
- ❺ The heat supply can be altered by adjusting the thermostat, depending on the textile material.



Cleaning agent Maxil, Queen Bonnet Pad and Agitator Pad

- ❻ Taking care of the environment: the moistened pad allows for the deep and thorough cleaning of carpets with minimal use of cleaning agents.
- ❼ The special cleaner Maxil can be sprayed easily and evenly onto the floor with the pressure sprayer, and worn-in stains can be additionally targeted and treated.
- ❽ Expanded spectrum of uses: the Thermopad is also suitable for oiling of parquet and wooden floors – with less oil, deeper penetration and significantly shorter drying times compared to conventional methods.
- ❾ What's more, by using the Thermopad, wax stains in churches or catering areas can be quickly loosened and removed without leaving residue.



Thermopad

| | |
|-----------------------|---------------------|
| L x W x H | 450 x 565 x 1170 mm |
| Working width | 430 mm |
| Ground clearance max. | 135 mm |
| Working height max. | 290 mm |
| Noise level | 63 dB(A) |
| Weight | 35 kg |

ELECTRICAL DATA

| | |
|------------------|-------------|
| Rated voltage | 230 V/50 Hz |
| Power max. | 3050 W |
| Power heater fan | 2150 W |
| Brush motor | 900 W |
| Mains cable | 12 m |

BRUSHES AND PAD HOLDERS

| | |
|-------|---------|
| Speed | 180 rpm |
|-------|---------|

Intermediate cleaning

SHAMPOOING PRO PROVEN MANY TIMES OVER. WITH MAINTENANCE-FREE PLANETARY GEARS.

E 400ls

E 400ls

| | |
|-----------------------|---------------------|
| L x W x H | 415 x 550 x 1200 mm |
| Working width | 400 mm |
| Ground clearance max. | 145 mm |
| Working height max. | 300 mm |
| Noise level | 57 dB (A) |
| Weight | 40 kg |

ELECTRICAL DATA

| | |
|---------------|-------------|
| Rated voltage | 230 V/50 Hz |
| Power max. | 1200 W |
| Mains cable | 12 m |

BRUSHES AND PAD HOLDERS

| | |
|-------|---------|
| Speed | 140 rpm |
|-------|---------|



- ❶ Versatile, robust single disc machine with metal housing and 400 mm operating width for shampooing small to medium-sized textile surfaces.
- ❷ The carpet shampoo is scrubbed in efficiently with 140 RPM and the subsequent pile rinsing uses spray extraction, for example with the SX 44 und SX 344.
- ❸ High performance again and again: the maintenance free planetary gears and the powerful motor are made for each other.
- ❹ Three non-wearing, helical planet gears transmit the power evenly over the whole operating width. These make the machine run more smoothly as well as easy to steer.
- ❺ Work with safety but without fatigue: adjustable operating handle with no pre-set levels, security button to prevent switching the machine on unintentionally.
- ❻ Large operating radius is standard: twelve-metre mains cable, waterproof and kink-proof.
- ❼ The rubber thrust collar protects machine, furniture and equipment.
- ❽ The water supply from the optional twelve-litre tank is conveniently controlled via the handle bar.



Deep
cleaning

REMOVE SPOTS, CLEAN SURFACES. WITH TWO MODELS. WITH GRADED CAPACITY.

SX 44 SX 344

- Both spray extraction method machines for stain removal and deep cleaning of textile floor coverings, upholstery and hard floors are very effective. They are compact and easy to operate.
- The top-quality two-level suction motor sucks up dirt particles with 295 mbars of vacuum pressure. The surfaces dry thoroughly and can be used again soon.
- Both models have modular construction so that emptying the tank for dirty water is easy, for thorough cleaning as well as quick and inexpensive maintenance.
- Robust construction with two separate tanks made of high density polyethylene.
- Filters and seals can be removed without tools.
- The tank for the dirty water has a transparent lid allowing inspection of loosened dirt during operation.
- SX 44**
 - The light spray extraction machine for small to medium-sized furnished surfaces.
 - The spray pressure of 4 bars enables maximum cleaning performance with minimal water consumption.
 - Series standard: unbreakable adapter for synthetic flooring with three jets, aluminium spray-suction lance with grip and sturdy 2.5-metre spray-suction hose.
 - Further special attachments round out the standard fittings – such as the Combi floor tool for hard floors.

- SX 344**
 - The high-performance professional appliance with 9 bars of spray pressure for medium-sized furnished surfaces.
 - High-quality attachments are series standard: aluminium spray lance with ergonomic vertically adjustable grip and five-metre spray-suction hose.
 - Optional: the power brush roller with rotating brush turns the SX 344 into a scrubber dryer for carpets (see illustration).

| | SX 44 | SX 344 |
|----------------|--------------------|--------------------|
| L x W x H | 300 x 420 x 530 mm | 380 x 500 x 780 mm |
| Working width | 270 mm | 300 mm |
| Spray volume | 1.5 l/min | 4.5 l/min |
| Spray pressure | 4 bar | 9 bar |
| Weight | 12 kg | 24 kg |

| ELECTRICAL DATA | | |
|-----------------|--------|--------|
| Power max. | 1570 W | 1580 W |
| Mains cable | 10 m | 10 m |

| TANK | | |
|------------------------|------|------|
| Solution tank capacity | 14 l | 30 l |
| Recovery tank capacity | 14 l | 30 l |

| SUCTION | | |
|-------------------|----------|----------|
| Low pressure max. | 295 mbar | 295 mbar |
| Air flow max. | 45 l/s | 45 l/s |

| STANDARD EQUIPMENT | | |
|--------------------|---------|-----------|
| Floor tool | Plastic | Aluminium |
| Tube | 2.5 m | 5 m |

Deep cleaning



A CONVINCING SCRUBBER DRYER FOR CARPETS. AND SPRAY EXTRACTION APPLIANCE.

TA 50|K50

- Sturdy and easy to handle, the scrubber dryer for carpets takes over for professional deep and daily cleaning of medium-sized textile floor coverings and impresses with outstanding vacuuming power.
- The adjustable water quantity hits the floor with 9 bars of spray pressure.
- Brush roller and suction tool are mounted on a swivel mechanism meaning that the brush pressure can be adjusted perfectly to pile height.
- The high-quality three-level suction motor with 333 mbars of vacuum power ensures that loosened dirt is picked up without leaving residue.
- The modular construction facilitates simple emptying, all components – even the brush roller and the spray valves – can be cleaned extremely well and thoroughly without tools.
- Easy to service: seals and filters can be changed easily without tools.
- To transport in a car, simply loosen the snap locks on the dirty water tank and remove the suction jet.
- Further applications with optional attachments. The aluminium spray lance for spray extraction is perfect for cleaning hard to reach areas. Alternatively, the optional power brush can be plugged into the integrated socket.



TA 50|K 50

| | |
|----------------|--------------------|
| L x W x H | 500 x 860 x 950 mm |
| Working width | 500 mm |
| Suction width | 720 mm |
| Spray volume | 4.5 l/min |
| Spray pressure | 9 bar |
| Noise level | 60 dB(A) |
| Weight | 55 kg |

ELECTRICAL DATA

| | |
|-------------|--------|
| Power max. | 1700 W |
| Mains cable | 15 m |

TANK

| | |
|------------------------|------|
| Solution tank capacity | 50 l |
| Recovery tank capacity | 50 l |

SUCTION

| | |
|-------------------|----------|
| Low pressure max. | 333 mbar |
| Air flow max. | 45 l/s |





G. Staehle GmbH u. Co. KG
Mercedesstraße 15
D 70372 Stuttgart
Phone +49 (0) 7 11/95 44 - 950
Fax +49 (0) 7 11/95 44 - 941
info@columbus-clean.com
www.columbus-clean.com

CLEAN IS QUALITY **columbus**