

VACUUM CLEANER SERIES ISP IPULSE ■

ELECTRIC POWER TOOL VACUUM CLEANER

starmix
Made in Germany. Made for you.



I AM YOUR
STAR

iPulse
intelligent pulse filter cleaning

FOR THE CONSTRUCTION SITE AND WORKSHOP

"Your specialist for the toughest use without work interruption.
GET THE ISP IPULSE NOW!"



The new Starmix vacuum cleaner series ISP iPulse

1

DDM pressure difference control (intelligent)

Your benefits:

- ★ Precisely accurate, timely filter cleaning as and when required
- ★ Filter overload is avoided, thus achieving a much better cleaning result
- ★ The vibrating unit is not activated unnecessarily

2

300 g cleaning power (powerful)

Your benefits:

- ★ Filter cleaning within only 3.5 seconds per filter
- ★ Thanks to the effective force of 300g, even the most stubborn dust is removed
- ★ Significantly reduced noise

3

Constantly high air flow (effective)

Your benefits:

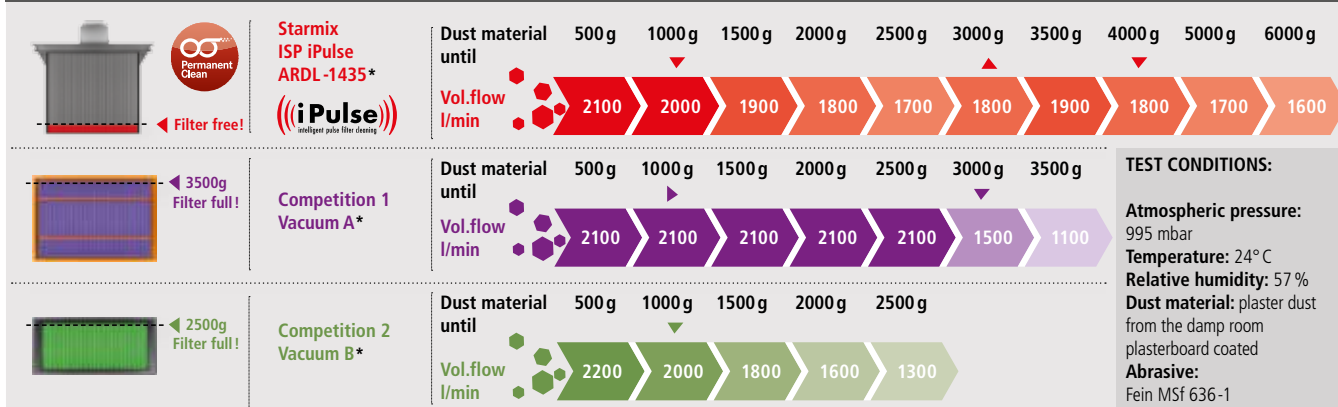
- ★ Permanent Clean technology allows for cleaning during operation – which saves time and money
- ★ The air flow is not interrupted during cleaning, so no dust escapes
- ★ Also suitable for damp dust, water and sludge

Areas of application

- ★ **For the toughest heavy-duty continuous use** in industry, in the workshop and on the construction site
- ★ **For vacuuming directly at the electric power tool** during drilling, milling, sanding, grinding and sawing work
- ★ **Concrete, plaster, stone, cement, wood, paints, varnishes** (see legal regulations/dust classes)



Filter filling level – Comparison of volume flow using plasterboard



* Standard filter, plasterboard, damp room

ELECTRIC POWER TOOL VACUUM CLEANER



ISP iPulse ARDL-1635 EWS

ISP iPulse ARM-1635 EW

ISP iPulse ARH-1635 EW

ISP iPulse ARH-1435 Asbest EW

Article no.	01 64 50	01 64 43	01 64 36	01 64 12
Included in the scope of delivery				
Accessory set	* EWS, art. no. 07 24 01	* EW, art. no. 04 47 05	* EW, art. no. 04 47 05	* EW, art. no. 04 47 05
Additional filter	no	3 x special PE emptying bags art. no. 42 57 64 (5 pcs)	3 x special PE emptying bags art. no. 42 57 64 (5 pcs)	3x special PE emptying bags (asbestos) art. no. 42 57 57 (5 pcs)
Filter bag	1x FBV 25-35 art. no. 41 12 31 (5 pcs)	no, FBV 25-35 (optional) art. no. 41 12 31 (5 pcs)	Only with special PE emptying bag	Only with special PE emptying bag (asbestos)
Equipment				
Main filter	FKP 4300 (polyester) Dust retention capacity: 99,9% art. no. 41 60 69	FKP 4300 (polyester) Dust retention capacity: 99,9% art. no. 41 60 69	FKP 4300 HEPA (polyester) Dust retention capacity: 99,995% art. no. 41 91 90	FKP 4300 HEPA (polyester) Dust retention capacity: 99,995% art. no. 41 91 90
Pulse filter cleaning	yes – iPulse	yes – iPulse	yes – iPulse	yes – iPulse
Appliance socket	yes	yes	yes	yes
Speed controller	yes, stepless	no	no	no
Filter control lamp	yes	yes	yes	yes
Carrying handle with cable hook/ hose fixing - plug fixation	yes/yes	yes/yes	yes/yes	yes/yes
Pre-selection switch volume flow/ hose ø	no	yes	yes	yes
Signal tone if volume flow is too low	no	yes	yes	yes
Rotary slider for use of the PE emptying bag	no	yes	yes	yes
Fastener for intake socket	no	yes	yes	yes
Soft start/after-run	yes	yes	yes	yes
Water level detection	yes	yes	yes	yes
Antistatic equipment	yes	yes	yes	yes
Push handle	no, B 35 (optional) art. no. 01 28 34	no, B 35 (optional) art. no. 01 28 34	no, B 35 (optional) art. no. 01 28 34	no, B 35 (optional) art. no. 01 28 34
Accessories storage	yes	yes	yes	yes
Technical data				
Nominal capacity (max.) Watt	1600	1600	1600	1400
Volume flow (max.) measured at the motor head l/s	64	64	64	61
Volume flow (max.) measured at the end of the hose l/s	42	42	42	42
Vacuum (max.) measured at the motor head mbar	259	259	259	248
Vacuum (max.) measured at the end of the hose mbar	230	230	230	220
Container volume (max.) gross-dust-water l	35/25/22 Plastic	35/25/22 Plastic	35/25/22 Plastic	35/25/22 Plastic
Sound level db(A)	69	53 x 40 x 55 cm	53 x 40 x 55 cm	53 x 40 x 55 cm
Dimensions LxWxH	53 x 40 x 55 cm	15.7	15.7	15.7
Weight kg	15.7	8 (rubber, H07RN-F), red	8 (rubber, H07RN-F), red	8 (rubber, H07RN-F), red
Power cable length m	8 (rubber H05RR-F), red	13.0	13.0	13.0

★ Included in the scope of delivery:

*Individual EWS
accessory parts

- 1 x suction hose, ø 35 mm x 5 m art. no. 41 32 35
- 1 x tube handle, stainless steel with supplementary air slide, art. no. 42 14 45
- 2 x suction tubes, stainless steel (each 50 cm) art. no. 42 48 42
- 1 x crevice nozzle (22 cm long), art. no. 41 70 11
- 1 x connecting sleeve, stepped art. no. 42 57 19
- 1 x dust nozzle 37 with hard-floor insert art. no. 41 47 06

*Individual EW
accessory parts

- 1 x suction hose, ø 35 mm x 5 m art. no. 41 32 35
- 1 x connecting sleeve, stepped art. no. 42 57 19

((iPulse))

intelligent pulse filter cleaning

- pressure difference controlled (pat.)
- 300 g force filter cleaning – also perfectly working with plaster
- constantly high air flow also during filter cleaning



The special Starmix filter concept:
2 filter cassettes for extremely high level of dust absorption, protected thanks to integration in the motor head.

Patented, permanent pulse filter cleaning
"Permanent Clean".
★ No loss of suction – a clean filter at all times.

((iPulse))

intelligent pulse filter cleaning

- ★ Intelligent electronics
- ★ Patented, sensor-controlled pressure difference control
- ★ Electromagnetic filter cleaning with 300 g

Appliance socket with automatic ON/OFF switch.
When the electric power tool connected is started up or switched off, the vacuum cleaner is automatically switched on or off.



Patented rotary slider in the inlet of the container.
Use of filter bags and special polyethylene bags possible.

Powerful, durable high-performance motor fan.
Bypass motors with separate air circuits for cooling and operating air.



For wet and dry suction.
Water level detection with electronic shut-off sensor.
Soft-start/electronic after-run.

Long-lasting, optimized container.
The container that holds everything. Shock-resistant, extremely robust 35l container made of special plastic. Double-walled construction.

Starmix Quality
Made in Germany



Vacuum cleaner of the year

ISP iPulse: Tried and tested

All Starmix vacuum cleaners are extensively tested by real users in practice.
Here's what the professionals have to say:

Philipp M. (Renovation) about the ISP iPulse ARH-1435 Asbest EW:

"I have worked with a lot of special vacuum cleaners, but none have been as powerful as this one. It's my first choice when it comes to vacuuming dust in the „H asbestos“ class."



Agron R. (Car and industrial painter) about the ISP iPulse ARDL-1635 EWS:

"When grinding car parts, it is very important that no dust escapes and that work isn't interrupted by vibrations. The vacuum cleaners are so brilliant that we have switched completely to Starmix."



Christopher T. (Conversion & renovation engineer) about the ISP iPulse ARDL-1635 EW:

"Great performance; the vacuum cleaner sucks up everything. The entire „package“ is just great and saves us valuable time. I am a Starmix iPulse fan. It doesn't get any more dust-free than this!"



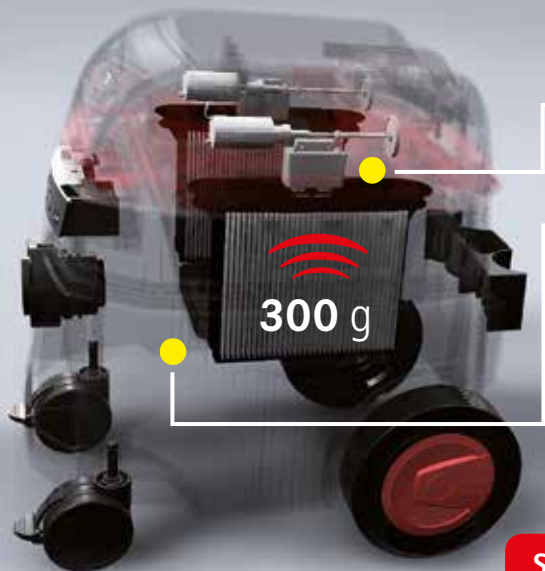
ISP iPulse

It's the vacuum innovation for manual trades: ISP iPulse

Intelligent electronics constantly measure the negative pressure before and after the filter using sensors (DDM). Once the factory preset vacuum value is reached, both of the filters are alternately cleaned within 3.5 seconds using electromagnetic pulses - without interrupting work. Forces measuring 300 g (300 times the acceleration of gravity) are applied to the dirty filters, such that even the toughest fine and problematic particles of dust - like plaster, for instance - can be cleaned with ease. The new Starmix iPulse vacuum cleaners are far superior to similar devices in terms of their lasting suction and dust absorption properties. To your benefit!

The new pressure difference control

The filter cleaning starts immediately if the volume flow falls below the factory-set volume flow, and therefore ensures an optimum air flow at all times.



P1: Negative pressure **after** the filter

P2: Negative pressure **before** the filter

300 g

iPulse
intelligent pulse filter cleaning

» **Constant monitoring** of present filter occupancy

Starmix ISP iPulse:
Keeps on going when others run out of breath!

Benefits of optimized vibration

- ★ **Real filter cleaning as and when required** - filter cleaning is only activated depending on how clogged the filter is
- ★ **The vibrating unit is not activated unnecessarily and the noise is reduced**
- ★ **A vacuum cleaner for all kinds of application, from sanding to wall grinding**
Timely filter cleaning (not too late) for power tools that require a high volume of air for suction
- ★ **Filter overload is avoided, thus achieving a better cleaning result**
- ★ **More effective filter cleaning** - greater impact and reduced cleaning times
- ★ **A constantly high air flow is guaranteed during operation, even for critical dust types such as plaster**
The filter doesn't become clogged, meaning that work isn't interrupted

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