



**NEW
iPulse RELOADED**



THE
STAR

FOR THE CONSTRUCTION SITE AND
WORKSHOP

„Your specialist for the hardest use without interruption of work.
GET YOUR IPULSE NOW!“



iPulse - unique advantages - patented system

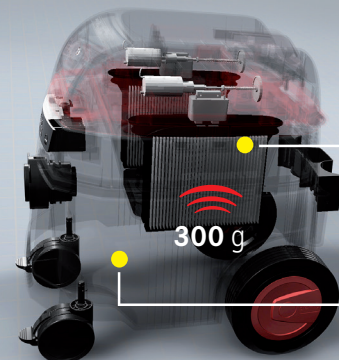
PDM filter control

> ensures clean filters at all times

Intelligent:

- ★ 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

Pressure differential measurement



P1: Negative pressure **after** the filter

P2: Negative pressure **before** the filter

» Constant monitoring of present filter occupancy

The filter cleaning starts immediately if the volume flow falls below the optimal volume flow, and therefore ensures high air flow at all times.

Cleaning power

> 300 g - enormously powerful, perfectly clean filter

Powerful:

- ★ 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

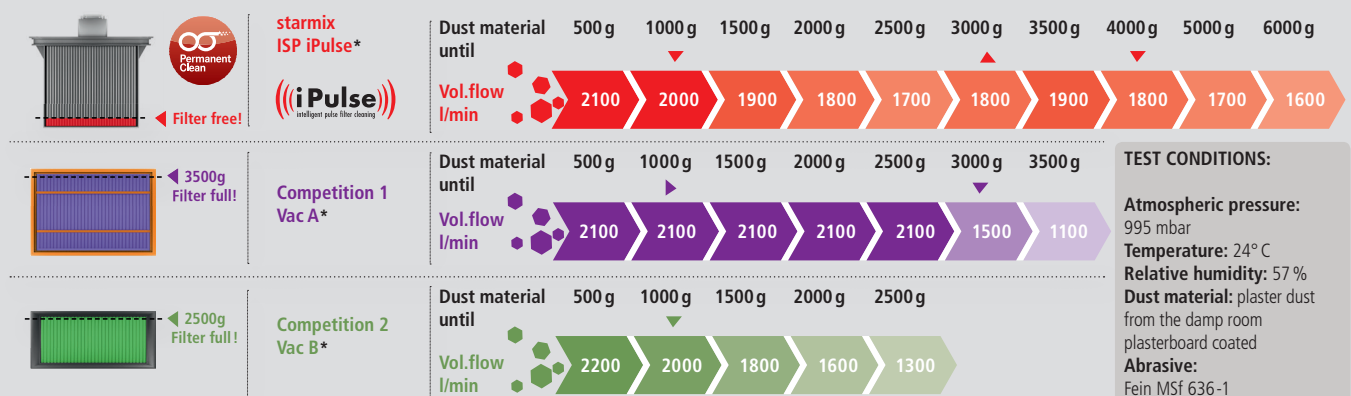
Airflow

> Constantly high - now even 20% more!

Effective:

- ★ Cleaning during operation – saves time and money
- ★ The air flow is not interrupted during cleaning, so no dust escapes
- ★ Also suitable for damp dust, water and sludge
- ★ New turbine with 20% more power

Filter filling level – Comparison of volume flow using plasterboard



* Standard filter, plasterboard, damp location

NEW

HIGHLIGHTS - Innovations from iPulse



Smartfix: the 4-point tool that can be used without tools for attaching all transport toolboxes of the "systainer" system. 2 rails expand the storage area of the suction head and offer velcro straps, e.g. for attaching the suction tube. Side grips help to lift and unload the vacuum.



Speed control/selection switch:

2-level speed control for M-, H- and H-asbestos vacuums is integrated into the selection switch with which the tube diameter is adjusted. The electronic flow rate monitoring ensures that the warning signal starts when the air speed in the tube is too low.


OPEN

CLOSE

Rotary vane: the conversion from a fleece filter bag to PE bags requires different air conditions in the container.

This is easy to set by simply moving the rotary vane right or left. The filling volume when a fleece filter bag is used is 14 litres.

The filter cartridges are not activated as a result of the closed system. When using a PE bag, the filters are cleaned as required. The filling volume is significantly higher at 25 litres.

BEWARE OF FINE DUST •

AND

VACS +++
BEWARE OF FINE DUST •

AND


Prevention is indispensable in the construction industry. Just half an hour of drilling can produce up to 5 kg of dust, which stays in the air for hours. Alveolar dust can reach the pulmonary alveoli and cause serious diseases resulting in death.

Dust-free instead of stopping construction. The new TRGS 504 (Technical Rules for Hazardous Substances) prescribes that in general only dust extractors/vacuum cleaners of the dust class M and H are allowed in industry and crafts in Germany.

When inspections are carried out at construction sites, inspectors are entitled to discontinue the activity if a vacuum cleaner is found that has not been approved.

starmix "Safe" and "Safe Plus" vacuums: Starmix vacuum cleaners labelled "programme" comply with the provisions of BG BAU with their M or H dust class equipment and are even eligible for subsidies of up to 200 Euros in conjunction with a so-called BG BAU supplementary kit.

By professionals for professionals The iPulse in the hard practical test of real users.

Anes B. (a carpenter) on the iPulse:

„The suction power of the new iPulse is great! Better than all devices from other manufacturers. Another important argument is that we can transport all our boxes. Only starmix in the future!“



Klaus H. (Assembly operation) using the iPulse:

„Amazing what the iPulse contributes in terms of performance. In addition, other useful details make the daily work routine easier. I think the big wheels and the handle are great, the vacuum is easy to lift up the stairs.“



ELECTROSTAR GmbH

Stuttgarter Straße 36
D-73262 Reichenbach/Fils
Telephone: +49 (0) 7153/982-300
www.starmix.de

National sales

Telephone: +49 (0) 7153/982-300
Fax: +49 (0) 7153/982-307
info@starmix.de

Export sales

Telephone: +49 (0) 7153/982-100
Fax: +49 (0) 7153/982-348
infoe@starmix.de

Your retailer:



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POWERTOOL VACUUM CLEANER

NEW Speed control/selection switch

Safety vacuum cleaners offer 2-speed control with the selection switch. Selection switch adjustable for tube diameters 35, 27 and 21mm.

NEW Main switch

0 = OFF
IR = ON / automatic filter cleaning only with added filters
AR = Automatic start-up with on-demand filter cleaning
A = Automatic start-up or vibrate

NEW Smartfix – the systainer attachment

4-point mounting on the rail. Tool-free operation. Additional mounting options, e.g. with a Velcro strip for the suction tube.

Appliance socket

With automatic start-up and off function. The vacuum is automatically controlled by the power tool.

NEW Fastening

Elastic TPE, good handling. Directly sprayed on the nozzle.

NEW Rotary vane

improved handling for flexible use of filter bags and special PE emptying bags.

Starmix quality

Made in Germany

POWERTOOL VACUUM CLEANER

NEW

PH 35 handle

for simple transport of the device. Powder-coated: no electric charge.

Special filter concept

2 cartridges for extremely high dust absorption, protected in the integrated motor head.

Filter cleaning

On-demand, automatic pulse filter cleaning. No suction loss - always free filter.

NEW

Multi-function element

4 brackets for pulling on securing straps, e.g. for transporting boxes on the device. Only L-Basic and M-Safe device

NEW

High performance motor

High-speed motor with 15-20 % higher volumetric flow and vacuum than previous motors.

NEW

Accessories compartment

optimally placed on the device and enlarged. 4 holders for wobble-free attachment of accessories. Park position for nozzle and 2 additional mountings at the top.

Wet and dry suction

Water level detection with electronic sensor switch-off.

POWERTOOL VACUUM CLEANER

TECHNICAL
INFORMATION:

iPulse L-1635 Basic

Article no.

018539



iPulse L-1635 Top

Article no.

018621

SAFETY VACUUM
CLEANER

iPulse M-1635 Safe

Article no.

018935



Included in the scope of delivery

Accessories set

Filter bag

EHP, art. no. 016542

1 unit FBV 25-35
Art. no. 411231 (5 unit pack)

EWS, art. no. 072401

1 unit FBV 25-35
Art. no. 411231 (5 unit pack)

*EW, art. no. 044705

3 unit special PE emptying bag
Art. no. 425764 (5 unit pack)

Equipment

Main filter

FKP 4300 (Polyester)
Dust retention capacity: 99,9 %
art. no. 416069FKP 4300 (Polyester)
Dust retention capacity: 99,9 %
art. no. 416069FKP 4300 (Polyester)
Dust retention capacity: 99,9 %
art. no. 416069

Pulse filter cleaning

yes – iPulse

yes – iPulse

yes – iPulse

4-point mounting for toolboxes

no, multifunctional element

yes

no, multifunctional element

Multi-function element

Speed controller

yes, stepless

yes, stepless

yes, 2-level

Appliance socket

yes

yes

yes

Filter control lamp

yes

yes

yes

Push handle

no, optional PH 35, art. no. 445137

yes

no, optional PH 35, art. no. 445137

Carrying handle with cable hook /
hose fixing - plug fixation

yes/yes (1 pc. velcro)

yes/yes (2 pcs. velcro)

yes/yes (1 pc. velcro)

Pre-selection switch volume flow / hose ø

no

no

yes

Electronic volume flow monitoring
with optical + acoustic warning function

no

no

yes

Rotary vane for flexible use of fleece filter
bags and PE emptying bags

yes

yes

yes

Fastening for intake manifold

yes

yes

yes

Soft start/after-run

yes

yes

yes

Water level detection

yes

yes

yes

Antistatic equipped

yes

yes

yes

Accessory holder

no, optional

yes

no, optional

Technical Data

Nominal capacity (max.)

Watt

1600

1600

1600

Volume flow (max.)
measured at the motor head

l/s

75

75

75

Volume flow (max.)
measured at the end of the hose

l/s

45

45

45

Vacuum (max.)
measured at the motor head

mbar

280

280

280

Vacuum (max.)
measured at the end of the hose

mbar

245

245

245

Container volume (max.)
gross-dust-water

l

35/25/22
plastic35/25/22
plastic35/25/22
plastic

Sound pressure level

dB(A)

69

69

69

Dimensions L × B × H (*incl. push handle)

53 × 40 × 56

53 × 40 × 92*

53 × 40 × 56

Weight

kg

15,6

16,8

15,6

Power cable length

m

8 (rubber, H05RR-F), red

8 (rubber, H05RR-F), red

8 (rubber, H07RN-F), red

Maximum reach

m

11.0 - 12.0

13.0 - 14.0

13,0

Scope of delivery:

Safe plus

*Accessories set EWA

individual parts can
be ordered only1 × suction hose AS, ø 35 mm x 5 m, art. no. 426563
1 × connecting sleeve, stepped, art. no. 425719

Safe

*Accessories set EW
0447051 × suction hose, ø 35 mm x 5 m, art. no. 413235
1 × connecting sleeve, stepped, art. no. 425719

Top

*Accessories set EWS
0724011 × suction hose, ø 35 mm x 5 m, art. no. 413235
1 × tube handle, stainless steel, supplementary air slide, art. no. 421445
2 × suction tubes, stainless steel (each 50 cm), art. no. 424842
1 × crevice nozzle (22 cm long), art. no. 417011
1 × connecting sleeve, stepped, art. no. 425719
1 × dust nozzle 37 with hard floor inser, art. no. 414706



iPulse M-1635 Safe Plus

018638



iPulse H-1635 Safe Plus

018614



iPulse H-1235 Asbest Safe Plus

018645



*EWA, individual parts only

3 unit special PE emptying bag
art. no. 425764 (5 unit pack)FKP 4300 (Polyester)
Dust retention capacity: 99,9 %
art. no. 416069

yes – iPulse

yes

yes, 2-level

yes

yes

yes

yes/yes (2 pcs. velcro)

yes

yes

yes

yes

yes

yes

yes

yes

1600

75

45

280

245

35/25/22
plastic

69

53 × 40 × 92 *

16,8

8 (rubber, H07RN-F), red

13,0

*EWA, individual parts only

3 unit special PE emptying bag
art. no. 425764 (5 unit pack)FKP 4300 HEPA (Polyester)
Dust retention capacity: 99,995 %
art. no. 419190

yes – iPulse

yes

yes, 2-level

yes

yes

yes

yes/yes (2 pcs. velcro)

yes

yes

yes

yes

yes

yes

yes

yes

1600

75

45

280

245

35/25/22
plastic

69

53 × 40 × 92 *

16,8

8 (rubber, H07RN-F), red

13,0

*EWA, individual parts only

3 unit special PE emptying bag (asbestos)
art. no. 425757 (5 unit pack)FKP 4300 HEPA (Polyester)
Dust retention capacity: 99,995 %
art. no. 419190

yes – iPulse

yes

yes, 2-level

yes

yes

yes

yes/yes (2 pcs. velcro)

yes

yes

yes

yes

yes

yes

yes

yes

1200

70

40

265

230

35/25/22
plastic

69

53 × 40 × 92 *

16,8

8 (rubber, H07RN-F), red

13,0

OPTIONAL
ACCESSORIES:

Push handle FB 35

Art. no. 445137



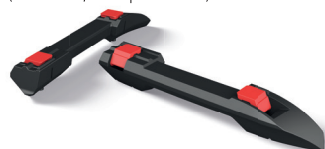
Accessory holder

Art. no. 445113



Relingset

Art. no. 445106

left and right, with fastening material
(2 × velcro, 4 × Spax screws)

Get your starbox

filled with various accessories
more information at
starmix.de/en/accessories

Basic

*Accessories set EHP

016542

1 × suction hose, ø 35 mm × 3,2 m, art. no. 413228

1 × tube handle, plastic with suppl. air slide, art. no. 424804

2 × suction tube, plastic (je 50 cm), art. no. 424859

1 × crevice nozzle (22 cm long), art. no. 417011

1 × rubber nozzle (23 cm long), art. no. 425696

1 × floor nozzle BG Bau, art. no. 440941

