

**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.



**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.

**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.“

**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!“



BEWARE OF FINE DUST • M AND H VACS +++ BEWARE OF FINE DUST • M AND H

**Prevention** is indispensable in the construction industry. Just half an hour of drilling can produce up to 5kg 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.

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**iPulse - unique advantages - patented system**

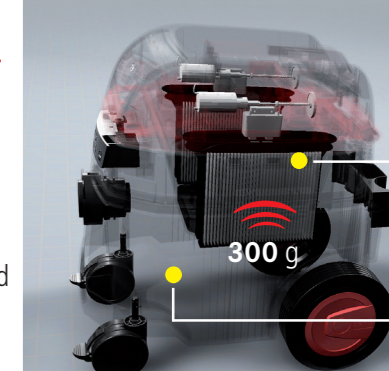
**PDM filter control**

> 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

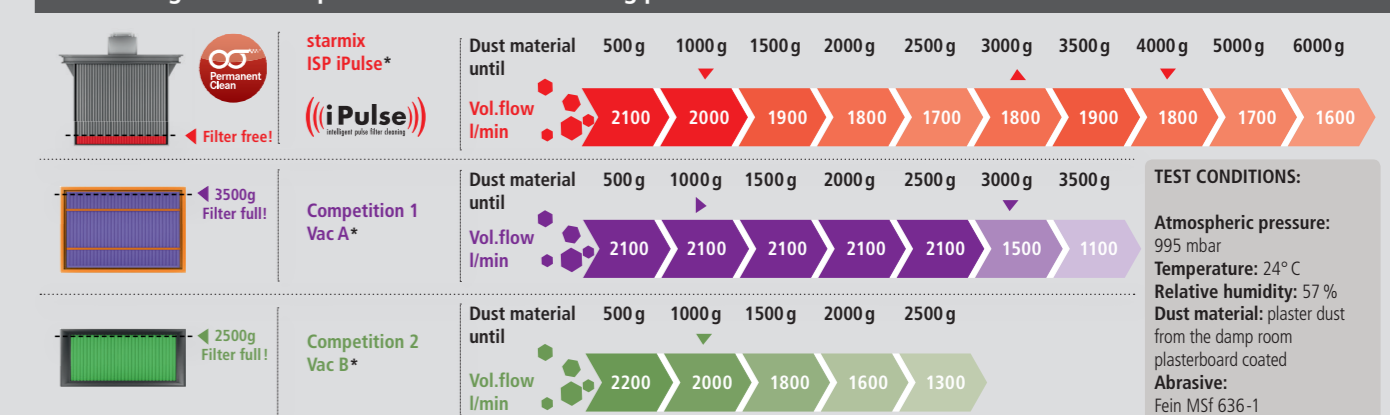
**Airflow**

> 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

Starmix quality  
Made in Germany



**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**  
**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.

**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.



Article no.	018539	018621	018935	018638	018614	018645
<b>Included in the scope of delivery</b>						
<b>Accessories set</b>	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)	*EWA, individual parts only 3 unit special PE emptying bag art. no. 425764 (5 unit pack)	*EWA, individual parts only 3 unit special PE emptying bag art. no. 425764 (5 unit pack)	*EWA, individual parts only 3 unit special PE emptying bag( asbestos) art. no. 425757 (5 unit pack)
<b>Equipment</b>						
<b>Main filter</b>	FKP 4300 (Polyester) Dust retention capacity: 99,9 % art. no. 416069	FKP 4300 (Polyester) Dust retention capacity: 99,9 % art. no. 416069	FKP 4300 (Polyester) Dust retention capacity: 99,9 % art. no. 416069	FKP 4300 (Polyester) Dust retention capacity: 99,9 % art. no. 416069	FKP 4300 HEPA (Polyester) Dust retention capacity: 99,995 % art. no. 419190	FKP 4300 HEPA (Polyester) Dust retention capacity: 99,995 % art. no. 419190
<b>Pulse filter cleaning</b>	yes – iPulse	yes – iPulse	yes – iPulse	yes – iPulse	yes – iPulse	yes – iPulse
<b>4-point mounting for toolboxes</b>	no, multifunctional element	yes	no, multifunctional element	yes	yes	yes
<b>Multi-function element</b>						
<b>Speed controller</b>	yes, stepless	yes, stepless	yes, 2-level	yes, 2-level	yes, 2-level	yes, 2-level
<b>Appliance socket</b>	yes	yes	yes	yes	yes	yes
<b>Filter control lamp</b>	yes	yes	yes	yes	yes	yes
<b>Push handle</b>	no, optional PH 35, art. no. 445137	yes	no, optional PH 35, art. no. 445137	yes	yes	yes
<b>Carrying handle with cable hook / hose fixing - plug fixation</b>	yes/yes (1 pc. velcro)	yes/yes (2 pcs. velcro)	yes/yes (1 pc. velcro)	yes/yes (2 pcs. velcro)	yes/yes (2 pcs. velcro)	yes/yes (2 pcs. velcro)
<b>Pre-selection switch volume flow / hose ø</b>	no	no	yes	yes	yes	yes
<b>Electronic volume flow monitoring with optical + acoustic warning function</b>	no	no	yes	yes	yes	yes
<b>Rotary vane for flexible use of fleece filter bags and PE emptying bags</b>	yes	yes	yes	yes	yes	yes
<b>Fastening for intake manifold</b>	yes	yes	yes	yes	yes	yes
<b>Soft start/after-run</b>	yes	yes	yes	yes	yes	yes
<b>Water level detection</b>	yes	yes	yes	yes	yes	yes
<b>Antistatic equipped</b>	yes	yes	yes	yes	yes	yes
<b>Accessory holder</b>	no, optional	yes	no, optional	yes	yes	yes
<b>Technical Data</b>						
<b>Nominal capacity (max.)</b>	Watt 1600	1600	1600	1600	1600	1200
<b>Volume flow (max.) measured at the motor head</b>	l/s 75	75	75	75	75	70
<b>Volume flow (max.) measured at the end of the hose</b>	l/s 45	45	45	45	45	40
<b>Vacuum (max.) measured at the motor head</b>	mbar 280	280	280	280	280	265
<b>Vacuum (max.) measured at the end of the hose</b>	mbar 245	245	245	245	245	230
<b>Container volume (max.) gross-dust-water</b>	l 35/25/22 plastic	35/25/22 plastic	35/25/22 plastic	35/25/22 plastic	35/25/22 plastic	35/25/22 plastic
<b>Sound pressure level</b>	dB(A) 69	69	69	69	69	69
<b>Dimensions L x B x H (*incl. push handle)</b>	53 x 40 x 56	53 x 40 x 92*	53 x 40 x 56	53 x 40 x 92*	53 x 40 x 92*	53 x 40 x 92*
<b>Weight</b>	kg 15,6	16,8	15,6	16,8	16,8	16,8
<b>Power cable length</b>	m 8 (rubber, H05RR-F), red	8 (rubber, H05RR-F), red	8 (rubber, H07RN-F), red	8 (rubber, H07RN-F), red	8 (rubber, H07RN-F), red	8 (rubber, H07RN-F), red
<b>Maximum reach</b>	m 11.0 - 12.0	13.0 - 14.0	13.0	13.0	13.0	13.0

**Scope of delivery:**

**Safe plus**  
\*Accessories set EWA  
individual parts can be ordered only



**Safe**  
\*Accessories set EW  
044705



**Top**  
\*Accessories set EWS  
072401



**Basic**  
\*Accessories set EHP  
016542



1 x suction hose AS, ø 35 mm x 5 m, art. no. 426563  
1 x connecting sleeve, stepped, art. no. 425719

1 x suction hose, ø 35 mm x 5 m, art. no. 413235  
1 x connecting sleeve, stepped, art. no. 425719

1 x suction hose, ø 35 mm x 5 m, art. no. 413235  
1 x tube handle, stainless steel, supplementary air slide, art. no. 421425  
2 x suction tubes, stainless steel (each 50 cm), art. no. 424842  
1 x crevice nozzle (23 cm long), art. no. 417011  
1 x connecting sleeve, stepped, art. no. 425719  
1 x dust nozzle 37° with hard floor inser, art. no. 414706

1 x suction hose, ø 35 mm x 3,2 m, art. no. 413228  
1 x tube handle, plastic with supplm. air slide, art. no. 424804  
2 x suction tube, plastic (je 50 cm), art. no. 424859  
1 x crevice nozzle (23 cm long), art. no. 417011  
1 x rubber nozzle (23 cm long), art. no. 425696  
1 x floor nozzle BG Bau, art. no. 440941

**OPTIONAL ACCESSORIES:**

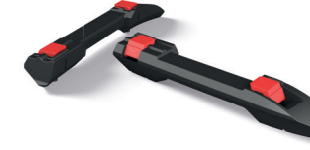
**Push handle FB 35**  
Art. no. 445137



**Accessory holder**  
Art. no. 445113



**Relingset**  
Art. no. 445106  
left and right, with fastening material (2 x velcro, 4 x Spax screws)



**Get your starbox**

filled with various accessories  
more information at  
[starmix.de/en/accessories](http://starmix.de/en/accessories)

