



GWS Professional

14-125 | 14-125 S | 17-125 | 17-125 S | 17-125 TS | 17-125 S INOX | 17-150 S |
17-125 SB | 17-125 PS | 17-150 PS | 17-125 PSB

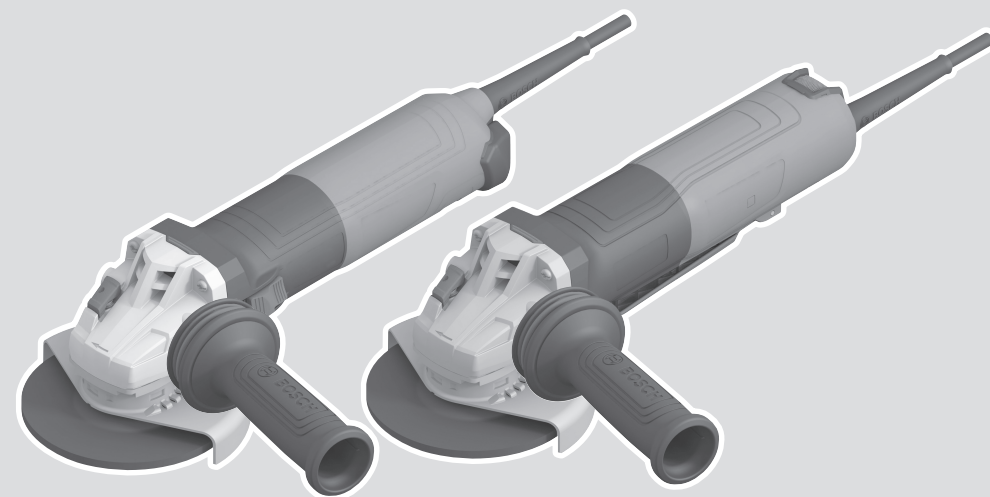
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1 609 92A 99S



de Originalbetriebsanleitung
en Original instructions
fr Notice originale
es Manual original
pt Manual original
it Istruzioni originali
nl Oorspronkelijke gebruiksaanwijzing
da Original brugsanvisning
sv Bruksanvisning i original
no Original driftsinstruks
fi Alkuperäiset ohjeet
el Πρωτότυπο οδηγών χρήσης
tr Orijinal işletme talimatı
pl Instrukcja oryginalna
cs Původní návod k používání
sk Pôvodný návod na použitie
hu Eredeti használati utasítás

ru Оригинальное руководство по эксплуатации
uk Оригінальна інструкція з експлуатації
kk Пайдалану нұсқаулығының түпнұсқасы
ro Instrucțiuni originale
bg Оригинална инструкция
mk Оригинално упатство за работа
sr Originalno uputstvo za rad
sl Izvirna navodila
hr Originalne upute za rad
et Algupärane kasutusjuhend
lv Instrukcijas oriģinālvalodā

lt Originali instrukcija
ko 사용 설명서 원본
ar دليل التشغيل الأصلي
fa دفترچه راهنمای اصلی



stone materials using diamond annular cutters, without the use of water. Make sure that the correct protective guard is used (see "Operation", page 34).

Sufficient dust extraction must be provided when cutting stone.

With approved abrasive tools, the power tool can be used for sanding with sanding discs.

The power tool must not be used to grind stone materials with diamond grinding heads.

Product Features

The numbering of the product features refers to the diagram of the power tool on the graphics page.

- (1) Unlocking lever for protective guard
- (2) Spindle lock button
- (3) On/Off switch
(GWS 14-125/GWS 14-125 S/GWS 17-125/
GWS 17-125 S/GWS 17-125 TS/
GWS 17-125 S INOX/GWS 17-150 S/
GWS 17-125 SB)
- (4) Dust filter (GWS 14-125 / GWS 14-125 S)^{a)}
- (4) Dust filter
(GWS 17-125 / GWS 17-125 S / GWS 17-125 TS /
GWS 17-125 S INOX / GWS 17-150 S /
GWS 17-125 SB)
- (5) Speed preselection thumbwheel
(GWS 14-125 S / GWS 17-125 S / GWS 17-125 TS /
GWS 17-125 S INOX / GWS 17-150 S /
GWS 17-125 SB / GWS 17-125 PS /
GWS 17-125 PSB / GWS 17-150 PS)
- (6) On/off switch
(GWS 17-125 PS/GWS 17-125 PSB/
GWS 17-150 PS)
- (7) Unlocking lever for on/off switch
(GWS 17-125 PS/GWS 17-125 PSB/
GWS 17-150 PS)
- (8) Standard auxiliary handle (insulated gripping surface)^{a)}
- (9) Vibration-damping auxiliary handle (insulated gripping surface)
- (10) Extraction guard for grinding^{a)}
- (11) Protective guard for grinding
- (12) Protective guard for cutting^{a)}
- (13) Cover for cutting
- (14) Mounting flange with O-ring
(GWS 14-125/GWS 14-125 S/GWS 17-125/
GWS 17-125 S/GWS 17-125 TS/
GWS 17-125 S INOX/GWS 17-150 S/
GWS 17-125 PS/GWS 17-150 PS)
- (14) Preassembled mounting flange with O-ring
(GWS 17-125 SB/GWS 17-125 PSB)
- (15) Carbide grinding head^{a)}
- (16) Grinding disc^{a)}
- (17) Disc brush (dia. 22.22 mm)^{a)}
- (18) Disc brush (M14)^{a)}
- (19) Cutting disc^{a)}
- (20) Diamond cutting disc^{a)}
- (21) Clamping nut
- (22) Quick-clamping nut **SDS-plus**^{a)}
- (23) Two-pin spanner for clamping nut
- (24) Handle (insulated gripping surface)
- (25) Grinding spindle
- (26) Hand guard^{a)}
- (27) Rubber sanding pad^{a)}
- (28) Abrasive disc^{a)}
- (29) Round nut^{a)}
- (30) Cup brush^{a)}
- (31) Conical brush^{a)}
- (32) Diamond annular cutter^{a)}
- (33) Open-ended spanner^{a)}
- (34) Extraction guard for cutting with cutting guides^{a)}

a) This accessory is not part of the standard scope of delivery.

Technical Data

Angle Grinder		GWS 14-125	GWS 14-125 S	GWS 17-125	GWS 17-125 S
Article number		3 601 GD0 0..	3 601 GD0 1..	3 601 GD0 2..	3 601 GD0 3..
Rated power input	W	1400	1400	1700	1700
Power output	W	830	830	1010	1010
Rated no-load speed ^{A)}	min ⁻¹	11,500	11,500	11,500	11,500
Speed adjustment range	min ⁻¹	–	2800–11,500	–	2800–11,500
Max. grinding disc diameter/rubber sanding pad diameter	mm	125	125	125	125
Grinding spindle thread		M 14	M 14	M 14	M 14
Max. thread length of grinding spindle	mm	21	21	21	21
Speed preselection		–	●	–	●

Angle Grinder		GWS 14-125	GWS 14-125 S	GWS 17-125	GWS 17-125 S
Constant electronic control		●	●	●	●
Restart protection		●	●	●	●
Soft start		●	●	●	●
KickBack Control		●	●	●	●
Run-out brake		–	–	–	–
Drop Control		–	–	–	–
Weight ^{B)}	kg	2.2–2.5	2.2–2.5	2.2–2.5	2.2–2.5
Protection class		□/II	□/II	□/II	□/II

A) Rated no-load speed for the selection of appropriate application tools in accordance with EN IEC 62841-2-3. The actual no-load speed must not exceed the rated no-load speed and is therefore lower.

B) Depends on protective guard ((12), (11), (13)) and auxiliary handle ((8), (9)) in use

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Angle Grinder		GWS 17-125 TS	GWS 17-125 S INOX	GWS 17-150 S	GWS 17-125 SB
Article number		3 601 GD0 4..	3 601 GD0 5..	3 601 GD0 6..	3 601 GD0 7..
Rated power input	W	1700	1700	1700	1700
Power output	W	1010	1010	1010	1010
Rated no-load speed ^{A)}	min ⁻¹	9700	7800	9700	11,500
Speed adjustment range	min ⁻¹	2400–9700	1900–7800	2400–9700	2800–11,500
Max. grinding disc diameter/rubber sanding pad diameter	mm	125	125	150	125
Grinding spindle thread		M 14	M 14	M 14	M 14
Max. thread length of grinding spindle	mm	21	21	21	14
Speed preselection		●	●	●	●
Constant electronic control		●	●	●	●
Restart protection		●	●	●	●
Soft start		●	●	●	●
KickBack Control		●	●	●	●
Run-out brake		–	–	–	●
Drop Control		–	–	–	●
Weight ^{B)}	kg	2.2–2.5	2.2–2.5	2.2–2.5	2.3–2.6
Protection class		□/II	□/II	□/II	□/II

A) Rated no-load speed for the selection of appropriate application tools in accordance with EN IEC 62841-2-3. The actual no-load speed must not exceed the rated no-load speed and is therefore lower.

B) Depends on protective guard ((12), (11), (13)) and auxiliary handle ((8), (9)) in use

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Angle Grinder		GWS 17-125 PS	GWS 17-150 PS	GWS 17-125 PSB
Article number		3 601 GD1 3..	3 601 GD1 6..	3 601 GD1 7..
Rated power input	W	1700	1700	1700
Power output	W	1010	1010	1010
Rated no-load speed ^{A)}	min ⁻¹	11,500	9700	11,500

Angle Grinder		GWS 17-125 PS	GWS 17-150 PS	GWS 17-125 PSB
Speed adjustment range	min ⁻¹	2800–11,500	2400–9700	2800–11,500
Max. grinding disc diameter/rubber sanding pad diameter	mm	125	150	125
Grinding spindle thread		M 14	M 14	M 14
Max. thread length of grinding spindle	mm	21	21	14
Speed preselection		●	●	●
Constant electronic control		●	●	●
Restart protection		●	●	●
Soft start		●	●	●
KickBack Control		●	●	●
Run-out brake		–	–	●
Drop Control		–	–	●
Weight ^{B)}	kg	2.2–2.5	2.4–2.7	2.3–2.6
Protection class		□/II	□/II	□/II

A) Rated no-load speed for the selection of appropriate application tools in accordance with EN IEC 62841-2-3. The actual no-load speed must not exceed the rated no-load speed and is therefore lower.

B) Depends on protective guard ((12), (11), (13)) and auxiliary handle ((8), (9)) in use

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Noise/Vibration Information

	GWS 14-125	GWS 14-125 S	GWS 17-125	GWS 17-125 S
	3 601 GD0 0..	3 601 GD0 1..	3 601 GD0 2..	3 601 GD0 3..

Noise emission values determined according to **EN IEC 62841-2-3**.

Typically, the A-weighted noise level of the power tool is

Sound pressure level	dB(A)	95	95	96	96
Sound power level	dB(A)	103	103	104	104
Uncertainty K	dB	3	3	3	3

Wear hearing protection!

Vibration total values a_h (tri-ax vector sum) and uncertainty K determined according to **EN IEC 62841-2-3**:

Surface grinding and abrasive cutting:

a_h	m/s ²	4.5	4.5	5.7	5.7
K	m/s ²	1.5	1.5	1.5	1.5

Disc sanding:

a_h	m/s ²	2.5	2.5	< 2.5	< 2.5
K	m/s ²	1.5	1.5	1.5	1.5

	GWS 17-125 TS	GWS 17-125 S INOX	GWS 17-150 S	GWS 17-125 SB
	3 601 GD0 4..	3 601 GD0 5..	3 601 GD0 6..	3 601 GD0 7..

Noise emission values determined according to **EN IEC 62841-2-3**.

Typically, the A-weighted noise level of the power tool is

Sound pressure level	dB(A)	94	96	95	96
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		GWS 17-125 TS	GWS 17-125 S INOX	GWS 17-150 S	GWS 17-125 SB
Sound power level	dB(A)	102	104	103	104
Uncertainty K	dB	3	3	3	3
Wear hearing protection!					
Vibration total values a_h (tri-ax vector sum) and uncertainty K determined according to EN IEC 62841-2-3 :					
Surface grinding and abrasive cutting:					
a_h	m/s^2	5.8	5.8	6.6	4.6
K	m/s^2	1.5	1.5	1.5	1.5
Disc sanding:					
a_h	m/s^2	2.6	3.2	2.6 ^{A)}	< 2.5
K	m/s^2	1.5	1.5	1.5	1.5

A) Determined for a diameter of 125 mm

		GWS 17-125 PS	GWS 17-150 PS	GWS 17-125 PSB
		3 601 GD1 3..	3 601 GD1 6..	3 601 GD1 7..
Noise emission values determined according to EN IEC 62841-2-3 .				
Typically, the A-weighted noise level of the power tool is				
Sound pressure level	dB(A)	94	94	94
Sound power level	dB(A)	102	102	102
Uncertainty K	dB	3	3	3
Wear hearing protection!				
Vibration total values a_h (tri-ax vector sum) and uncertainty K determined according to EN IEC 62841-2-3 :				
Surface grinding and abrasive cutting:				
a_h	m/s^2	5.5	4.6	4.8
K	m/s^2	1.5	1.5	1.5
Disc sanding:				
a_h	m/s^2	3.2	3.5 ^{A)}	3.2
K	m/s^2	1.5	1.5	1.5

A) Determined for a diameter of 125 mm

Grinding thin metal sheets or other materials that tend to easily vibrate with a large surface area can cause the noise emission value to increase by up to 15 dB. Suitable, heavy damping mats can reduce the increased noise emissions. Increased noise emissions must be taken into consideration, both for the risk assessment of the noise output and for selecting suitable hearing protection.

The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and may be used to compare power tools. They may also be used for a preliminary estimation of vibration and noise emissions.

The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different accessories or is poorly maintained, the vibration level and noise emission value may differ. This may significantly increase the vibration and noise emissions over the total working period.

To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but not actually being used should also be taken into account. This may significantly reduce vibration and noise emissions over the total working period.

Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the power tool and accessories, keeping their hands warm, and organising workflows correctly.