

Product Information

G10SQ(H1) – 4" (100mm) Angle Grinder



SPECIFICATIONS

Wheel diameter	100mm
Input power	840W
No load speed	10,000 (min-1)
Hole diameter	16mm
Spindle thread	M10 x 1.5
Weight	1.6kg
Length	273mm
Standard accessories	Side handle, grinding disc and wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 840W motor** for medium duty commercial applications
- ❖ **Compact and lightweight** at only 1.6kg and 196mm grip circumference for reduced user fatigue and increased user comfort
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Two position handle** for easy operation and flexibility
- ❖ **Full length paddle switch** for increased user protection and user comfort
- ❖ **Excellent overload durability** for increased tool service life

Product Information

G12SE2 – 115mm (4 ½ ") Angle Grinder



SPECIFICATIONS

Wheel diameter	115mm
Input power	1,200W
No load speed	11,000 (min-1)
Spindle thread	M14 x 2
Hole diameter	22.2mm
Weight	1.9kg
Length	321mm
Standard accessories	Side handle, grinding disc and wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 1,200W motor** for heavy duty commercial applications
- ❖ **Paddle (Deadman) switch** for user safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Two position anti vibration handle** for easy operation and user flexibility
- ❖ **Tool-less guard** for quick adjustment and convenience
- ❖ **Lightweight** at 1.9Kg for reduced user fatigue
- ❖ **Excellent overload durability** for increased tool service life

Product Information

G13SE2 – 125mm (5") Angle Grinder



SPECIFICATIONS

Wheel diameter	125mm
Input power	1,200W
No load speed	11,000 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	1.9kg
Length	321mm
Standard accessories	Anti vibration side handle, grinding disc and wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 1,200W motor** for heavy duty commercial applications
- ❖ **Paddle (Deadman) switch** for user safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Two position anti vibration handle** for easy operation and user flexibility
- ❖ **Tool-less guard** for quick adjustment and convenience
- ❖ **Lightweight** at 1.9Kg for reduced user fatigue
- ❖ **Excellent overload durability** for increased tool service life
- ❖ Genuine Hitachi accessories available

Product Information
G13SQ(H1) – 125mm (5") Angle Grinder



SPECIFICATIONS

Wheel diameter	125mm
Power input	840W
No load speed	10,000 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	1.6kg
Length	273mm
Standard accessories	Side handle, grinding disc and wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 840W motor** for medium duty commercial applications
- ❖ **Full length paddle (Deadman) switch** for user safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Two position handle** for easy operation and user flexibility
- ❖ **Lightweight** at 1.6kg and with a grip circumference of only 196mm for reduced user fatigue

Product Information

G13YC2 – 125mm (5") 1430w Angle Grinder



SPECIFICATIONS

Wheel diameter	125mm
Input power	1,430W
No load speed	10,500 (min-1)
Bore diameter	22.2mm
Spindle thread	M14 x 2
Weight	2.0kg
Length	323mm
Standard accessories	Anti vibration side handle, grinding disc, wrench and hex wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 1,430W motor** for heavy duty commercial applications
- ❖ **Paddle (Deadman) switch** for user safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Two position handle** for easy operation and user flexibility
- ❖ **Tool-less guard** for quick adjustment and convenience
- ❖ **Lightweight** at 2.0Kg for improved user comfort and reduced fatigue
- ❖ **Anti vibration technology** reducing vibration by up to 35% for increased user safety and comfort
- ❖ **Increased user protection** featuring constant speed control, soft start speed control, overload protection control, kick back protection control and 0 voltage protection control
- ❖ **Suitable** for mining, petroleum and gas industry, maintenance and construction industries

G13YC2 – 5" (125mm) 1430w Angle Grinder

Barcode: 4 96637 62031 61

SAFETY FEATURES DEFINED

1. Constant Speed Control

The constant speed control feature maintains constant rotation speed during operation to ensure highly efficient work.

2. Soft-Start Speed Control

The soft-start speed control feature reduces the reactive force generated at motor start up so as to lessen the load on the operator's hands.

3. Overload Protection Control

The overload protection feature shuts off power to the motor and stops the power tool in the event of a sudden drop in wheel rotation speed during operation or excessive pressure on the tool. This feature thus reduces the risk of motor burnout.

4. Kickback Protection Control

The kickback protection feature cuts off power to the motor and stops the power tool in the event of a sudden drop in wheel rotation speed during operation (e.g. wheel locking during cutting operation). This feature thus lessens the load on the operator's hands and minimises potential injury.

5. 0-voltage Restart Protection Control

The 0-Voltage restart protection feature disables motor start-up even with the main switch on when the power cord is reconnected to the power outlet after being unplugged during the operation or when the power supply is recovered from power failure. This feature thus minimizes accidents due to motor restart.

6. Anti Vibration Handle

Standard with the G13YC2 125mm angle grinder is Hitachi's Anti Vibration handle which reduces vibration to the end user by up to 35%.

7. Tool less Wheel Guard

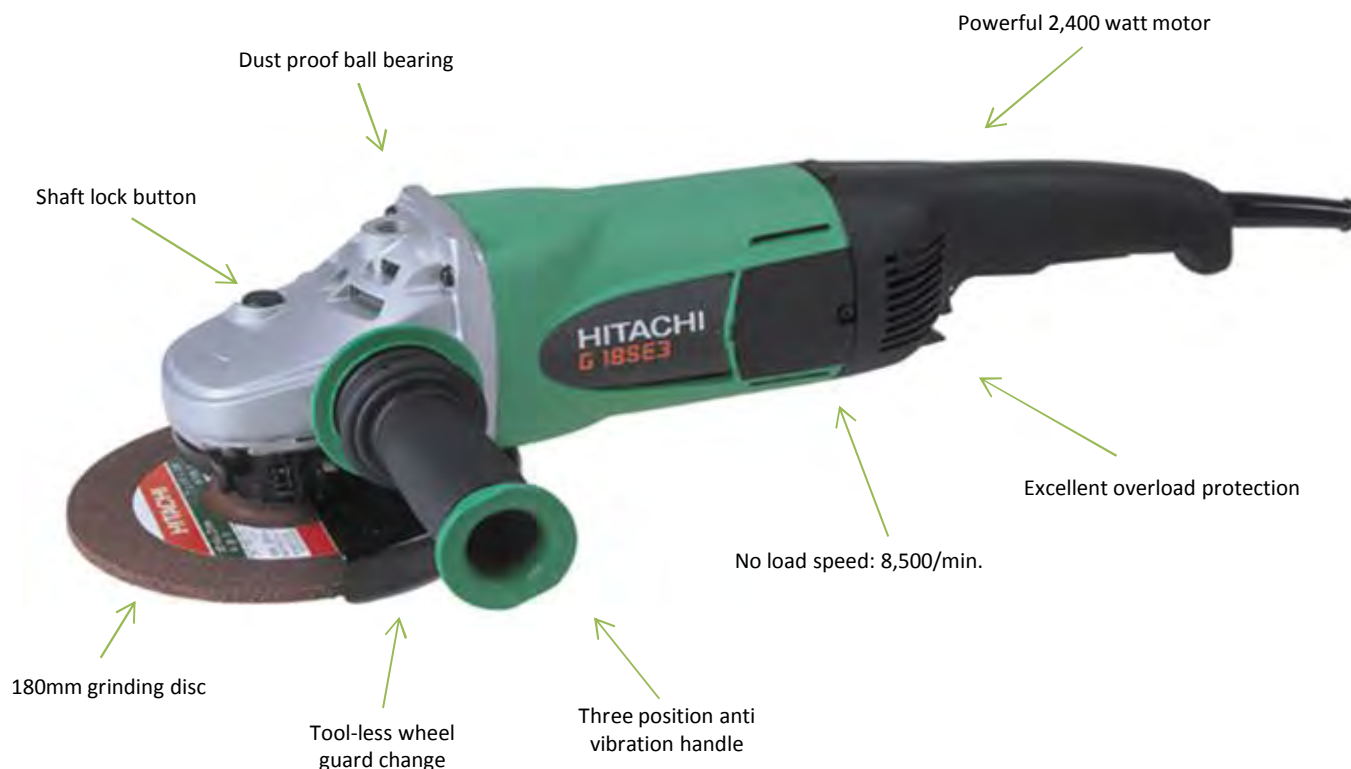
Standard with the G13YC2 is the tool less wheel guard allowing users to change guard position without requiring tools.

8. Dead Man Switch

Standard with the G13YC2 is a non-lockable paddle switch which improves end user safety, commonly known as a "Deadman Safety Switch".

Product Information

G18SE3 – 180mm (7") Angle Grinder



SPECIFICATIONS

Wheel diameter	180mm
Input power	2,400W
No load speed	8,500 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	5.0kg
Length	478mm
Standard accessories	Side handle, grinding disc, wrench and wheel nut

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 2,400W motor** for heavy duty commercial applications
- ❖ **'Deadman' switch** for improved user safety
- ❖ **Three position anti vibration handle** for user comfort and safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Tool-less wheel guard** for easy adjustment
- ❖ **Lightweight** at 5.0kg for reduced user fatigue
- ❖ **Excellent dust durability** with improved internal protection
- ❖ **Durable ball bearing retainer** thanks to the iron bushing
- ❖ **Excellent overload durability** for increased service life



Product Information

G18UC(H1) – 180mm (7") Angle Grinder



SPECIFICATIONS

Wheel diameter	180mm
Input power	2,400W
No load speed	8,500 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	6.2kg
Length	478mm
Standard accessories	Anti vibration side handle, grinding disc, wrench and wheel nut

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 2,400W motor** for heavy duty commercial applications
- ❖ **0-Voltage restart protection** feature disables motor restart in the event of loss of power to avoid unexpected restart of the tool
- ❖ **Electronic soft start** reduced reactive forces at motor start-up for improved control and user safety
- ❖ **'Deadman' switch** for improved user safety
- ❖ **Three position anti vibration handle** for user comfort and safety
- ❖ **Tool-less wheel guard** for easy adjustment
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Dust-proof ball bearings due to the labyrinth construction**
- ❖ **Durable ball bearing retainer** thanks to the iron bushing
- ❖ **Excellent overload durability** for increased service life

Product Information

G23SE2 – 230mm (9") Angle Grinder



SPECIFICATIONS

Wheel diameter	230mm
Input power	2,400W
No load speed	6,600 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	5.0kg
Length	478mm
Standard accessories	Anti vibration side handle, grinding disc, wrench, wheel nut

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 2,400W motor** for heavy duty commercial applications
- ❖ **Trigger (Deadman) switch** for improved user safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Three position anti vibration handle** for easy operation and user flexibility
- ❖ **Tool-less guard** for quick adjustment and convenience
- ❖ **Lightweight at 5.0Kg** for user comfort
- ❖ **Less sound and noise** from gearing for increased usability

Product Information

G23SS – 230mm (9") Angle Grinder



SPECIFICATIONS

Wheel diameter	230mm
Input power	1,900W
No load speed	6,600 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	4.3Kg
Length	463mm
Standard accessories	Side handle, wrench, wheel nut and hex bar wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 1,900W motor** for heavy duty commercial applications
- ❖ **'Deadman' switch** for improved user safety
- ❖ **Three position handle** for user comfort and safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Lightweight** at 4.3kg for reduced user fatigue
- ❖ **Excellent dust durability** with improved internal protection
- ❖ **Durable ball bearing retainer** thanks to the iron bushing
- ❖ **Excellent overload durability** for increased service life

Product Information
G23ST(H1) – 230mm (9") Angle Grinder



SPECIFICATIONS

Wheel diameter	230mm
Input power	2000W
No load speed	6,600 (min-1)
Hole diameter	22.2mm
Spindle thread	M14 x 2
Weight	5.1kg
Length	469mm
Standard accessories	Side handle and wrench

Note: Specifications may change without notice

KEY SELLING POINTS

- ❖ **Powerful 2000W motor** for the toughest jobs
- ❖ **'Deadman' switch** for improved user safety
- ❖ **Three position handle** for user comfort and safety
- ❖ **Shaft lock button** for easy wheel change
- ❖ **Excellent dust & debris durability** with improved internal protection
- ❖ **Excellent overload protection** for increased tool life and reliability
- ❖ **All metal wheel guard** for added user safety
- ❖ **iF 2015** product design award winner