FEIN GRIT / RANGE GUIDE

BELT GRINDING SYSTEMS

From compact workshop grinders to modular systems for pipe, profiles and production work.



GI 150 · 150mm belt grinder

CHOOSE A SYSTEM BY APPLICATION

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Order codes link to FEIN technical information. UK stationary models are listed by code. GHB data is from FEIN's international catalogue.

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GKS / COMPACT WORKSHOP GRINDERS

Compact GKS 75 Grinders

For workshop deburring, chamfering and contact grinding where floor space is limited. All five versions take a 75 × 2,000mm belt.



GKS 75 platform · 75 × 2,000mm belt

MODEL	ORDER CODE	BELT (mm)	SUPPLY	INPUT	NO-LOAD RPM	WEIGHT
GKS 75	79050200232	75 × 2,000	1~ 230 V	1.1 kW	3,000	45 kg
GKS 75	79050200403	75 × 2,000	3~ 400/440 V	1.5 kW	3,000	45 kg
GKS 75	79050300403	75 × 2,000	3~ 400/440 V	3 kW	3,000	50 kg
GKS 75	79050100403	75 × 2,000	3~ 400/440 V	4 kW	3,000	50 kg
GKS 75 2H	79050400403	75 × 2,000	3~ 400/440 V	1.5/2 kW	1,500 / 3,000	45 kg

Choose by supply and workload

Use the 1.1 kW single-phase version where only 230 V is available. Three-phase variants run from 1.5 to 4 kW. Choose the 2H model where a slower setting is useful for stainless work.

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GX / MODULAR WORKSHOP GRINDERS

Build Around the GX 75

A 75mm platform for general fabrication and small batches. Add the relevant module for tube notching or centreless finishing.



GX 75 shown with stand



GXR notching module



GXC centreless module

MODEL	ORDER CODE	BELT (mm)	SUPPLY	INPUT	NO-LOAD RPM	WEIGHT
GX 75	79013100403	75 × 2,000	3~ 400/440 V	3 kW	3,000	75 kg
GX 75 2H	79013200403	75 × 2,000	3~ 400/440 V	1.5/2 kW	1,500 / 3,000	75 kg
GX 75 2H	79012200403	75 × 2,000	3~ 400/440 V	1.5/2 kW	1,730 / 3,450	75 kg

GX modules and related equipment

MODEL	ORDER CODE	APPLICATION	CAPACITY / SETUP
GXR	99001001001	Pipe and profile notching on GX 75 / 2H	Ø 16–75mm pipe; 75 × 75mm profile; 75 × 2,250mm belt
GXC	79012300443	Centreless finishing of tube and shafts on GX 75 / 2H	Ø 10–100mm; adjustable feed; 75 × 2,000mm belt
GXW	79012400443	Closed-loop coolant for compatible wet grinding setups	0.12 kW; 3 × 400/440 V; 8.6 kg
GXE	79010500403	Powered brush deburring for pipes, profiles and flat stock	2.2 kW; 1,500 rpm; workpiece width up to 75mm

GXR capacity uses FEIN's technical-data pipe figures. The notching belt is longer than the base grinder belt. Confirm contact roller size for the joint.

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GI / INDUSTRIAL GRINDING

Industrial GI and GIS Grinders

Choose GI 75 for general production, GI 100 for smaller parts or GI 150 for broader contact and compatible specialist modules. GIS models include a floor stand.



GI 75 · 75mm belt



GI 100 · 1,000mm belt



GIS 150 · stand included

MODEL	ORDER CODE	BELT (mm)	SUPPLY	INPUT	NO-LOAD RPM	WEIGHT
GI 75	79020100403	75 × 2,000	3~ 400/440 V	4 kW	3,000	65 kg
GI 75 2H	79020200403	75 × 2,000	3~ 400/440 V	2.6/3.1 kW	1,500 / 3,000	65 kg
GI 100	79022300403	100 × 1,000	3~ 400/440 V	1.5 kW	3,000	28.8 kg
GI 100 EF	79022300232	100 × 1,000	1~ 230 V	1.1 kW	3,000	29.8 kg
GI 150	79020400403	150 × 2,000	3~ 400/440 V	4 kW	3,000	82 kg
GI 150 2H	79020500403	150 × 2,000	3~ 400/440 V	2.6/3.1 kW	1,500 / 3,000	82 kg
GIS 75	79022950443	75 × 2,000	3~ 400/440 V	4 kW	3,000	74 kg
GIS 150	79023050443	150 × 2,000	3~ 400/440 V	4 kW	3,000	93 kg

Match the belt length as well as the width

GI 100 and GI 100 EF run a 100 × 1,000mm belt. The 75mm and 150mm GI and GIS base machines use 2,000mm belts.

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GI / TUBE AND PROFILE FINISHING

Notching, Round Finishing & Linishing

Build a dedicated station for repeated cuts or consistent finish on tube, shafts and profiles. Check the base machine, belt length and feed requirements together.



GIR · pipe notching



GIC · centreless grinding



GIL · automatic feed

MODEL	ORDER CODE	APPLICATION	CAPACITY / SETUP
GIR	99001007001	Notching module for GI 150 / 2H	Ø 20–150mm pipe; 120 × 150mm profile; 150 × 2,250mm belt
GIC	79021200443	Centreless grinding module for GI 150 / 2H	Ø 10–130mm; 0–2 m/min feed; optional pipe guide for lengths up to 6 m
GIL	79024800403	Automatic-feed linishing module for GI 150 / 2H	100 × 100mm max. profiles; 150 × 2,000mm belt
GILS	79025100403	Two-speed longitudinal grinding machine	2.6 / 3.1 kW; 1,500 / 3,000 rpm; 206 kg
GILSGIB	79023500403	Two-speed longitudinal grinding configuration	2.6 / 3.1 kW; 1,500 / 3,000 rpm; 189 kg

Three setups for three different jobs

GIR shapes tube ends for fit-up. **GIC** grinds around round stock as it feeds. **GIL** works along flat stock and profiles, up to 100 × 100mm. GILS and GILSGIB take 150 × 2,000mm belts.

GIR pipe capacity follows FEIN's technical-data table. Ask about optional rollers for the required notch radius. For GIC wet grinding, specify the compatible GXW coolant unit.

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GI / WORKSHOP SETUP

Stands, Extraction & Deburring

Select the base to suit the grinder and how the station will be used. FEIN lists separate stand families for the GI 75 / 150 and GI 100 / deburring machines.



GIBE · double extraction



GIXBE · compact stand



GIE · brush deburring

MODEL	ORDER CODE	APPLICATION	CAPACITY / SETUP
GIB	99001003000	Height-adjustable GIB stand	GI 75 / GI 150, including 2H models; 17 kg
GIBE	99001004000	GIBE stand with double extraction	GI 75 / GI 150, including 2H models; 13,300 l/min
GIXS	99001002000	Floor-bolted GIXS stand	GI 100 / EF, GXE and GIE; 18 kg
GIXBE	99001009000	GIXBE stand with integrated extraction	GI 100 / EF, GXE and GIE; 8,170 l/min
GIE	79020700403	GIE two-speed deburring machine	1.5 / 2 kW; 1,500 / 3,000 rpm; Ø 250 mm brush

Set up the station for the material

Specify the compatible stand and extraction arrangement when ordering. Confirm the extraction suitability for the metal and the swarf or dust produced. For brush deburring, match the brush specification to the machine.

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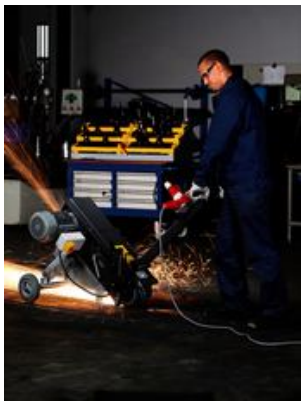
GIMS / MOBILE FLOOR GRINDING

GIMS Mobile Belt Grinders

A standing-position setup for grinding floor-level seams, dressing welds and descaling steel. Choose 75mm for narrower work or 150mm for wider passes.



GIMS 150 · 150mm belt



Standing setup for floor-level weld seams

MODEL	ORDER CODE	BELT (mm)	SUPPLY	INPUT	NO-LOAD RPM	WEIGHT
GIMS 75	79021300403	75 × 2,000	3~ 400/440 V	4 kW	3,000	100 kg
GIMS 75 2H	79021600403	75 × 2,000	3~ 400/440 V	2.6/3.1 kW	1,500 / 3,000	103 kg
GIMS 75-6	79021800403	75 × 2,000	3~ 400/440 V	6 kW	3,000	121 kg
GIMS 150	79021400403	150 × 2,000	3~ 400/440 V	4 kW	3,000	110 kg
GIMS 150 2H	79021700403	150 × 2,000	3~ 400/440 V	2.6/3.1 kW	1,500 / 3,000	114 kg
GIMS 150-6	79021900403	150 × 2,000	3~ 400/440 V	6 kW	3,000	131 kg

Choose the power and speed for the job

The standard units are rated at 4 kW. Two-speed versions give a lower speed option for stainless work. The 6 kW variants run at 3,000 rpm. All six versions use three-phase power.

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GHB / HAND-GUIDED BELT GRINDING

Portable GHB Belt Grinding

A hand-guided 50mm system for site and workshop work. Add a bench, surface-grinding or notching module where a guided setup suits the job.



GHB 15-50 · handheld



GHBD · bench setup



GHBR · pipe notching

MODEL	ORDER CODE	BELT (mm)	SUPPLY	INPUT	NO-LOAD RPM	WEIGHT
GHB 15-50	72450160000	50 × 1,000	1~ 230 V	1.5 kW	8,500	6.00 kg
GHB 15-50 Inox	72450260000	50 × 1,000	1~ 230 V	1.5 kW	2,500 - 7,900	6.00 kg

GHB modules

MODEL	ORDER CODE	APPLICATION	CAPACITY / SETUP
GHBM	99001012010	GHBM mobile surface-grinding module	Roller guide for long welds; 50 × 1,000 mm belt
GHBD	99001012000	GHBD bench module for stationary grinding	Adjustable work table; 50 × 1,000mm belt
GHBR	99001012020	GHBR tube-notching module	Ø 16–42.4mm pipe; 50 × 1,150mm belt

FEIN international order codes are shown for GHB. Confirm UK availability and plug configuration before ordering.

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CONSUMABLES / ORDERING

Specify the Right Belt

Start with the exact machine and module, then select the belt length, width, abrasive and grit for the work.

BELT SIZE (mm)	TYPICAL GRIT SETUP
50 × 1,000	GHB handheld, GHBD bench and GHBM mobile surface module
50 × 1,150	GHBR pipe-notching module
75 × 2,000	GKS 75, GX 75, GXC, GI / GIS / GIMS 75
75 × 2,250	GXR pipe-notching module
100 × 1,000	GI 100 and GI 100 EF
150 × 2,000	GI / GIS / GIMS 150 and GIL longitudinal systems
150 × 2,250	GIR pipe-notching module

Abrasive and grit

Use a coarse belt for weld dressing or stock removal, then step to a finer grit for the required finish. FEIN's R belts use zirconia with a cooling top coat for stainless and high-alloy steels. Type A fine belts are for final finishing.

FEIN BELT EXAMPLE	SIZE (mm)	GRIT	ORDER CODE
R zirconia, 10 per pack	75 × 2,000	24	69903000000
R zirconia, 10 per pack	100 × 1,000	60	69903098000
A finishing belt, 10 per pack	75 × 2,000	320	69903018000

Machine, module and belt enquiries

Tell us the model and order code, site voltage, workpiece dimensions and the finish required. Call 023 8033 9443 or email sales@rhdaveywelding.co.uk.

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