

► METAL



Professional belt grinding for trade and industry.

GRIT by FEIN GHB/GX/GI



GRIT by FEIN belt grinders – one system, unlimited possibilities.

GRIT by FEIN - modular-assembly belt grinding machines that are ideally suited to applications in metal processing and finishing. A very efficient system for every need and the most varied requirements - for belt grinding and deburring as well as radius and cylindrical grinding. For the entire spectrum of steel and stainless steel processing. With high performance basic belt grinding machines and customized expansion modules, the main belt grinding applications in industry and trade use are covered.

The high quality and durability of GRIT by FEIN machines is also reflected in the accessories and especially in the grinding belts. We place great importance on premium quality grinding belts - for maximum removal rate and outstanding service life in metal processing. That makes the use of GRIT by FEIN grinding belts extremely economical. You can find detailed information about the GRIT by FEIN range in the GRIT by FEIN product brochure or at www.feinus.com.

Reliable in trade and industry.

GRIT by FEIN belt grinders are designed for all applications. The GRIT GHB range is suited for portability, the GRIT GX range for trades, and the GRIT GI range to industry. All ranges feature the unique modular system made up of powerful basic belt grinders and application-specific add-on modules. GRIT by FEIN belt grinders extensive range of special accessories cover every possible application.

GRIT GHB for portability



The GHB incorporates the same functions of the larger GI and GX machines but in a portable, more convenient machine that can go where others can't.

GRIT GX for the workshop



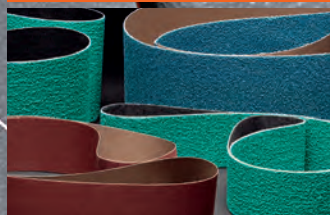
By combining the basic belt grinder with the right add-on modules, you can turn it into a centerless notching grinder. Also included in the range: a deburring machine.

GRIT GI for industry



Also featuring a modular design, the range for industry is adapted to the particular requirements of volume production and tough special applications.

GRIT FEIN accessories



Everything you need: from a variety of grinding belts and contact rollers to eye guards.



1 system, 2 tools, 3 modules – the hand-guided belt grinding system for a range of applications. GHB 15-50 and GHB 15-50 INOX

Your benefits:

- ▶ The basic tool for flexible machining of surfaces, small parts or round objects.
- ▶ Suitable for stationary or mobile use.
- ▶ Effective material removal.
- ▶ 3 x faster than an angle grinder for chamfering and grinding welded seams.
- ▶ Retool for a different application in under 45 seconds.

Adjust speeds

GHB 15-50: constant speed for high grinding capacity.
GHB 15-50 INOX: variable speed for stainless steel processing.

Adjustable handle

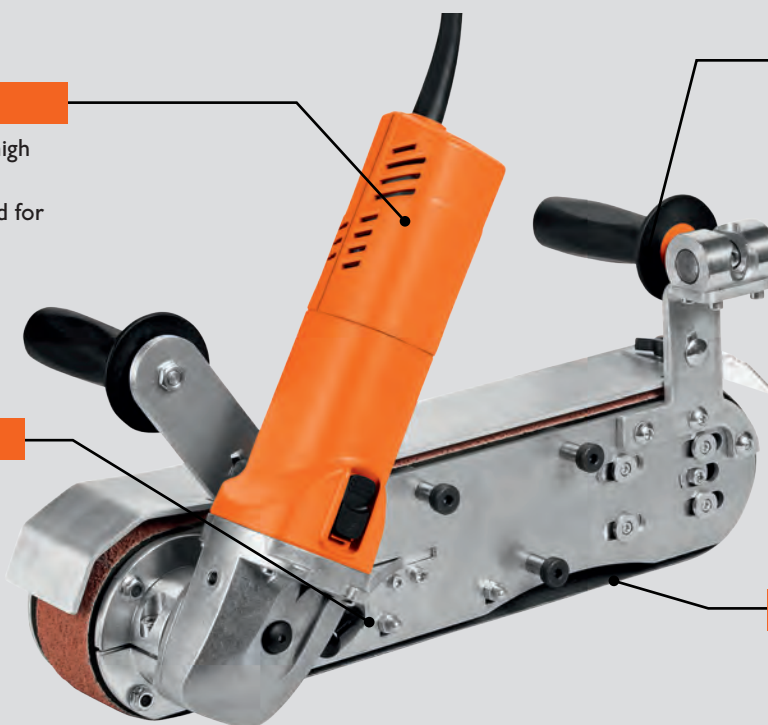
Handle can be set to two positions: 90 and 180 degrees for optimum tool guidance in any working position.

Tool-free belt change

Rapid, tool-free grinding belt replacement by moving the clamping lever.

Round cut-out

For machining pipes and profiles.



Technical data

Model		GHB 15-50	GHB 15-50 INOX
		Powerful handheld belt grinder for flexible on-site use	Powerful handheld belt grinder for flexible on-site use, ideal for stainless steel processing
Power consumption	W	1500	1500
Power output	W	900	900
Idling speed	rpm	8500	2500 – 7900
Belt width	in (mm)	2 (50)	2 (50)
Belt length	in (mm)	39 3/8 (1000)	39 3/8 (1000)
Weight according to EPTA	lbs (kg)	12.4 (5.6)	12.4 (5.6)
Order number		7 903 01 09 12 4	7 903 22 09 12 4
Includes		1 GHB 15-50, 1 grinding belt 2" x 39 3/8" (50 x 1000 mm) (36 grit)	1 GHB 15-50 INOX, 1 grinding belt 2" x 39 3/8" (50 x 1000 mm) (36 grit)

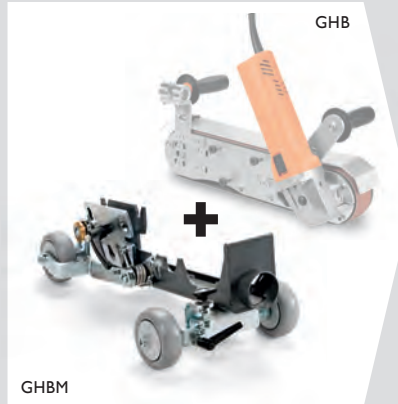
The perfect addition – modules for mobile surface processing, radius grinding and belt grinding.

GHBM – module for mobile surface processing

- ▶ Minimal effort required when grinding long welded seams due to roller guide.
- ▶ Convert to a different application in under 45 seconds.
- ▶ Low-fatigue grinding of large areas.
- ▶ Capable of grinding uneven surfaces.

Order no. 9 90 01 012 01 0

Includes: 1 GHBM module

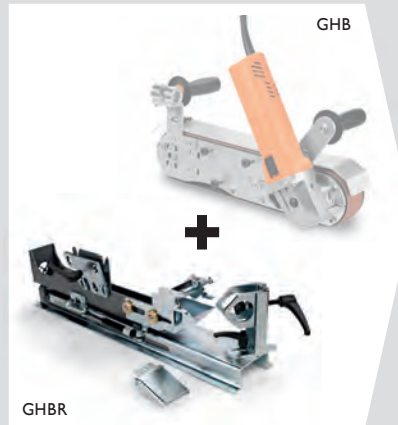


GHBR – module for stationary radius grinding

- ▶ Can also be used on site.
- ▶ Easily process machine pipes with different diameters.
- ▶ Exact radii in one work step.
- ▶ Contact rollers available for different pipe diameters.
- ▶ **Only for use with GHB 15-150 INOX.**

Order no. 9 90 01 012 02 0

Includes: 1 GHBR module

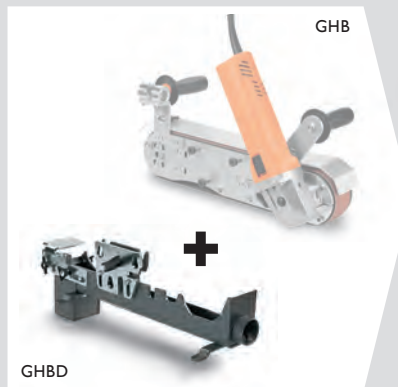


GHBD – module for stationary belt grinding

- ▶ Transforms hand-guided GHB into a stationary belt grinder.
- ▶ Perfect bevels due to adjustable grinding table.
- ▶ Process profiles & pipes on the grinding table.
- ▶ Designed for heavy-duty use.

Order no. 9 90 01 012 00 0

Includes: 1 GHBD module



GHBK – module for stationary beveling

- ▶ Transforms hand-guided GHB into a stationary belt grinder.
- ▶ Perfect bevels due to adjustable grinding table.
- ▶ Process profiles & pipes on the grinding table.
- ▶ Designed for heavy-duty use.

Order no. 9 90 01 012 04 0

Includes: 1 GHBK module



Accessories perfectly designed to work with the system.

Cost-effective and efficient grinding, beveling and surface finishing.

GHB Grinding belts



Cubitron abrasive

Precision grinding belt with ceramic grain guarantees maximum performance and service life. 2" x 39³/₈" (50 x 1000mm), Notching - 2" x 45¹/₄" (50 x 1150mm)

Grit	No. in pack	Order number
36	10	6 99 03 126 00 0
60	10	6 99 03 127 00 0
80	10	6 99 03 128 00 0

GHBR grinding station - Notching

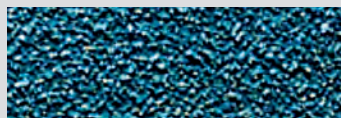
36	10	6 99 03 157 00 0
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Abrasive A

Grinding belts with fine grit for fine grinding of metals to final finish. 2" x 39³/₈" (50 x 1000mm)

Grit	No. in pack	Order number
220	10	6 99 03 134 00 0
320	10	6 99 03 135 00 0
420	10	6 99 03 136 00 0



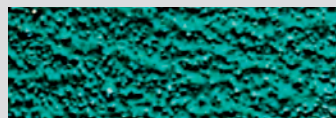
Abrasive Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. 2" x 39³/₈" (50 x 1000mm), Notching - 2" x 45¹/₄" (50 x 1150mm)

Grit	No. in pack	Order number
36	10	6 99 03 130 00 0
60	10	6 99 03 131 00 0
80	10	6 99 03 132 00 0
120	10	6 99 03 133 00 0

GHBR grinding station - Notching

36	10	6 99 03 159 00 0
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Abrasive R

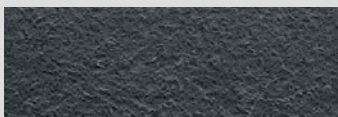
It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. 2" x 39³/₈" (50 x 1000mm), Notching - 2" x 45¹/₄" (50 x 1150mm)

Grit	No. in pack	Order number
36	10	6 99 03 137 00 0
60	10	6 99 03 138 00 0
80	10	6 99 03 139 00 0
120	10	6 99 03 140 00 0

GHBR grinding station - Notching

36	10	6 99 03 158 00 0
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GHB Fleece belts



Fleece belt

Reliable for everything from covering up minor mistakes to creating a perfect finish.

Grit	No. in pack	Order number
very fine	3	6 99 03 144 00 0
medium	3	6 99 03 143 00 0
coarse	3	6 99 03 142 00 0

GHB Modular Accessories



GHBD grinding station

GHB converts easily to a stationary belt grinder.

Order number	9 90 01 012 00 0
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GHBR grinding station

GHBR converts easily to a stationary pipe notcher.

Order number	9 90 01 012 02 0
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GHBM grinding station

GHB converts easily to a mobile surface processor.

Order number	9 90 01 012 01 0
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GHBR grinding station

GHBR converts easily to a stationary pipe notcher.

Order number	9 90 01 012 04 0
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GHB Contact Rollers



Diameter in (mm)	Pipe and tube size in	Order number
5/8 (16.0)		6 99 02 000 40 9
45/64 (18.0)		6 99 02 000 41 0
3/4 (19.0)		6 99 02 000 41 1
25/32 (20.0)	3/4 tube	6 99 02 000 41 2
53/64 (21.0)		6 99 02 000 41 3
27/32 (21.3)	1/2 pipe	6 99 02 000 41 4
55/64 (22.0)		6 99 02 000 41 5
63/64 (25.0)		6 99 02 000 41 6
1 (25.4)	1 tube	6 99 02 000 41 7
1 1/32 (26.0)		6 99 02 000 41 8
1 1/16 (26.9)	3/4 tube	6 99 02 000 41 9
1 1/16 (27.0)		6 99 02 000 42 0
1 7/64 (28.0)		6 99 02 000 42 1
1 9/64 (28.8)		6 99 02 000 42 2
1 3/16 (30.0)		6 99 02 000 42 3
1 1/4 (31.7)		6 99 02 000 42 4
1 17/64 (32.0)	1 1/4 tube	6 99 02 000 42 5
1 19/64 (33.0)		6 99 02 000 42 6
1 21/64 (33.7)	1 pipe	6 99 02 000 42 7
1 11/32 (34.0)		6 99 02 000 42 8
1 3/8 (35.0)		6 99 02 000 42 9
1 1/2 (38.0)		6 99 02 000 43 0
1 1/2 (38.1)		6 99 02 000 43 1
1 33/64 (38.3)	1 1/2 tube	6 99 02 000 43 2
1 37/64 (40.0)		6 99 02 000 43 3
1 21/32 (42.0)	1 5/8 tube	6 99 02 000 43 4
1 43/64 (42.4)	1 1/4 pipe	6 99 02 000 43 5

GRIT by FEIN GX – For use in the workshop.

Designed for use in trades or small-scale volume production, the GRIT GX range offers outstanding efficiency. Regardless of whether you're grinding or finishing, GRIT GX machines allow you to work efficiently and deliver high-quality results. The machines can be easily retooled for different applications; they are also safe to use and built to last.

Your benefits:

- ▶ Short retooling times.
- ▶ Can be used for both coarse and fine grinding.
- ▶ Highly cost-effective due to fast and accurate performance.
- ▶ Durable construction to withstand the toughest applications.

Belt grinder GRIT GX 75/GX 75 2H



Powerful belt grinder in one-speed or two-speed versions – the basis of the modular GX range. It can also be used on its own as a fully functional belt grinder.

Notching grinding module GRIT GXR



Expansion module for “notching” on a wide range of workpieces, such as pipes, square pipes, flat materials and profiles.

Cylindrical grinding module GRIT GXC



Expansion module for “cylindrical finishing” with coarse to fine grit.

Deburring machine GRIT GXE

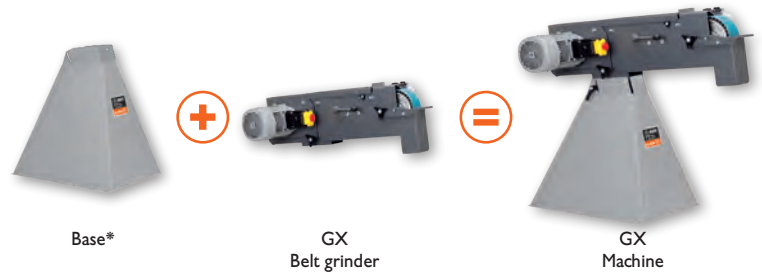


Independent addition to the GRIT GX range for deburring steel and stainless steel workpieces with wire brushes. Also available with machine base as an option. (brush not included)

The system that grows with your requirements: The GRIT by FEIN GX series.

Belt grinder GRIT GX 75/GX 75 2H

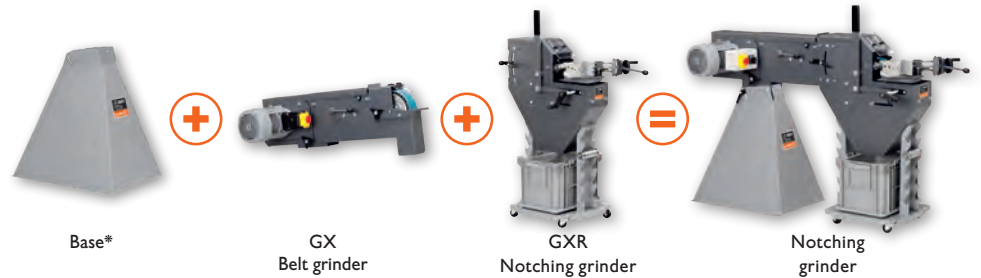
GX 75	7 901 21 00 40 3
GX 75 2H	7 901 22 00 40 3
GX 75 2V	7 901 21 00 23 3
GX 75 2H 2V	7 901 22 00 23 3
Base	9 90 01 010 00 1



* Base not included.

Notching grinder GRIT GX 75/GX 75 2H + GXR

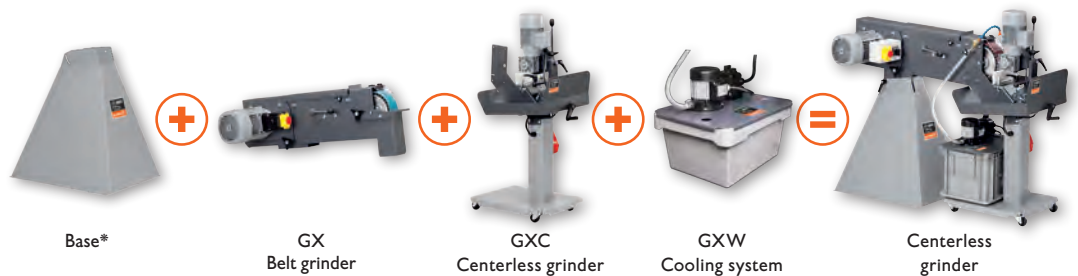
GX 75	7 901 21 00 40 3
GX 75 2H	7 901 22 00 40 3
GX 75 2V	7 901 21 00 23 3
GX 75 2H 2V	7 901 22 00 23 3
GXR	9 900 10 01 00 1
Base	9 90 01 010 00 1



* Base not included.

Centerless grinder GRIT GX 75/GX 75 2H + GXC + GXW

GX 75	7 901 21 00 40 3
GX 75 2H	7 901 22 00 40 3
GX 75 2V	7 901 21 00 23 3
GX 75 2H 2V	7 901 22 00 23 3
GXC **	7 901 23 00 44 3
GXW	7 901 24 00 44 3
Base	9 90 01 010 00 1



* Base not included.
** Field converted for 220V.

Deburring machine GRIT GXE + GIXS/GIXBE ¹

GXE 2V	7 901 05 00 23 3
GXE	7 901 05 00 40 3
GIX (base)	9 90 01 002 00 0
GIXBE (base)	9 90 01 009 00 0



* Base not included, can be used without a base.
¹ Brushes not included.

The perfect starting point: Belt grinder GRIT GX 75/GX 75 2H.

The GRIT GX 75 and GRIT GX 75 2H form the basis of the GRIT GX system. They're powerful belt grinders that you can rely on even in professional use, as they feature a durable design, are easy to assemble and are equipped with everything to make working and operation easier. Using the corresponding add-on modules, you can convert your basic machine into a notching or centerless grinder.

- Your benefits:**
- ▶ Effective material removal in a short amount of time.
 - ▶ Precise operation due to the patented belt tensioning system.
 - ▶ Maximum cost effectiveness by saving on special machines.
 - ▶ Can be used on its own without add-on modules.



Powerful

High-Powered, two speeds (1,730/3,450 rpm) motor.

Safe

High level of working safety due to base screw connections and protective equipment.

Convenient

Simple belt tracking and removal.

Comfortable

With adjustable working height 30⁵/₁₆-39³/₈ in (77-100 cm) for comfortable posture.

Practical

Spark box can be removed without tools.

Technical specifications

Model	GRIT GX 75 and GX 75 2V	GRIT GX 75 2H and GX 75 2H 2V
	Belt grinder can be expanded through the use of modules, for metalworking trades and for small-scale volume production.	Universal belt grinder, can be expanded through the use of modules, for metalworking manual trades, ideal for machining stainless steel in small-scale volume production.
Power consumption	3kW (220V) or (440V), 3 phase	1.5/2kW, (220V) or (440V), 3 phase
No-load speed	3,450 rpm	1,730 / 3,450 rpm
Belt dimensions	3 × 79 in (75 × 2,000 mm)	3 × 79 in (75 × 2,000 mm)
Weight	165 lbs. (75 kg)	165 lbs. (75 kg)
Order numbers	7 901 21 00 40 3 , GX 75, 440V, 3ph, 1 speed 7 901 21 00 23 3 , GX 75 2V, 220V, 3ph, 1 speed	7 901 22 00 40 3 , GX 75 2H, 440V, 3ph, 2 speed 7 901 22 00 23 3 , GX 75 2H, 2V, 220V, 3ph, 2 speed
Includes: 1 grinding belt 3 × 79 in (75 × 2,000 mm), 36 grit R (base not included - base part number: 9 90 01 010 00 1)		



Versatile in use



Due to the powerful motor, the GRIT GX 75 belt grinders guarantee effective material removal in an extremely short amount of time. The GRIT GX 75 and GRIT GX 75 2H operate with very little vibration and make performance easier due to their patented belt tensioning system.

Ideal for flat material work



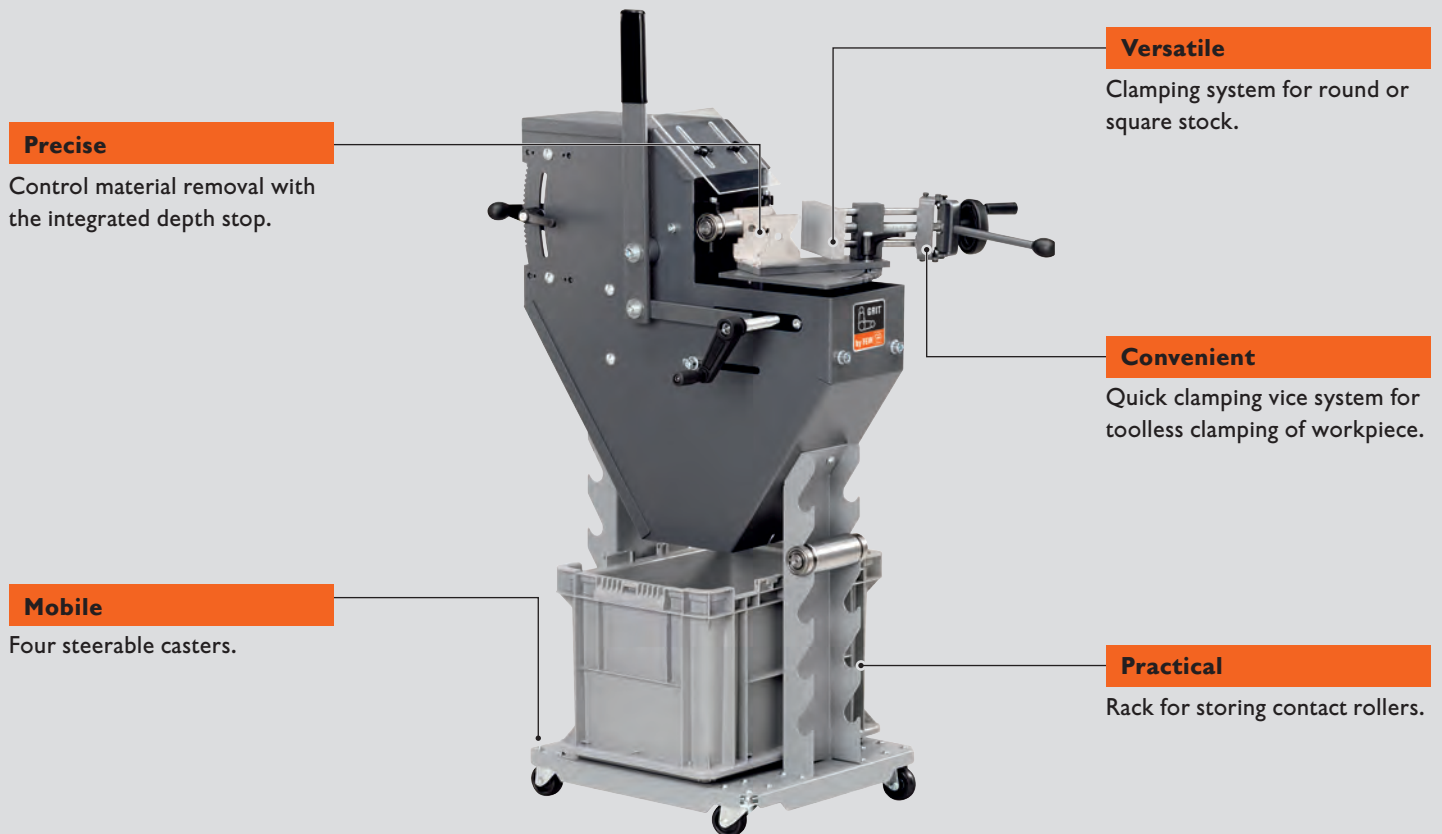
Grinding flat material is a basic capability of the GRIT GX series. A large 3 x 16 in (75 x 420 mm) grinding area is standard on both GRIT GX 75 machines, as are the height-adjustable grinding table and the easy belt alignment.

Accurate performance: Notching grinding module GRIT GXR.

Grinding exact radii on pipes is all a question of choosing the right machine. In just a few simple steps, adding the GRIT GXR module will transform your GX 75 2H belt grinder (base unit) into a professional notching grinder – equipped with depth stop, cross slide and quick clamping system a standard. This makes accurate grinding easily repeatable and convenient.

Your benefits:

- ▶ Precise grinding of profiles and tubes between 5/8–3 in (16–75 mm) in diameter.
- ▶ Accurate and comfortable operation.
- ▶ Fewer burrs and less discoloration when processing stainless steel (with GRIT GX 75 2H at the lower speed.)
- ▶ High level of flexibility as you can use an adaptor to combine the machine with the GRIT GI range. (adaptor: 6 99 02 186 00 0).



Precise

Control material removal with the integrated depth stop.

Versatile

Clamping system for round or square stock.

Mobile

Four steerable casters.

Convenient

Quick clamping vice system for toolless clamping of workpiece.

Practical

Rack for storing contact rollers.

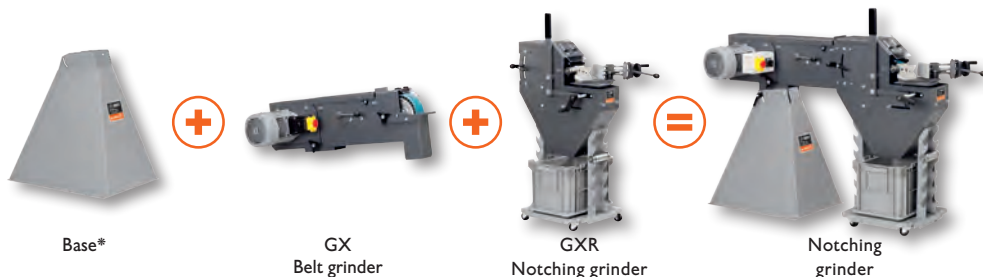
Technical specifications

Model	GRIT GXR
	Notching grinding module for exact-fit grinding of pipe, profiles and flat materials.
Tube diameters	5/8–3 in (16–75 mm)
Max. dimensions of profile/flat material	3 × 3 in (75 × 75 mm)
Belt dimensions	3 × 88 9/16 in (75 × 2,250 mm)
Weight	119 lbs. (54 kg)
Order number	9 90 01 001 00 1

Includes: 1 ea, contact roller dia; 1 11/16 in pipe (42.4 mm) and 1 7/8 in pipe (48.3 mm); 1 dust container; 1 grinding belt 3 × 88 9/16 in, grit 36 R

Notching grinder GRIT GX 75/GX 75 2H + GXR

GX 75	7 901 21 00 40 3
GX 75 2H	7 901 22 00 40 3
GX 75 2V	7 901 21 00 23 3
GX 75 2H 2V	7 901 22 00 23 3
GXR	9 90 01 001 00 1
Base	9 90 01 010 00 1



* Base not included.

Accurate fit at any angle



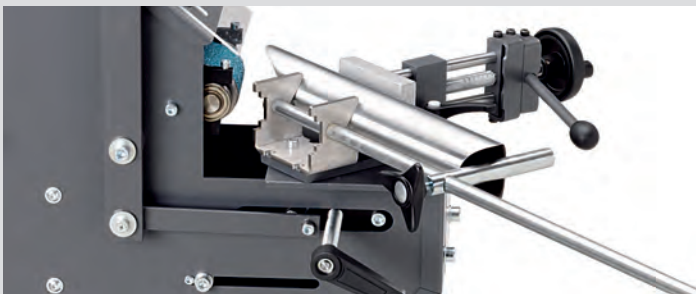
Regardless of whether you're grinding pipes, profiles or solid material, the notching grinding module GRIT GXR features the right equipment for the job. It's fitted with a cross slide that can be adjusted accurately and at speed to the angle required, a vice with stainless steel clamping jaws and a unique quick clamping system, which guarantees accurate and safe grinding.

Grind pipes accurately



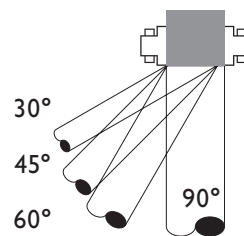
The extensive GRIT contact roller selection reliably covers all common pipe diameters, allowing the notching grinding module to accurately grind pipes with diameters between 5/8–3 in (16–75 mm) and angles between 30° to 90°.

Precise results in volume production



The retrofitable length stop for the GRIT GXR notching grinding module guarantees consistently accurate results in volume production. It is easy to retrofit and can be adjusted over a length of 39 1/2 in (1,000 mm).

Variable adjustable



- For angles between 30° to 90°
- ▶ 30°/max. dia. 1 1/2 in (37.5 mm)
 - ▶ 45°/max. dia. 2 1/16 in (53.0 mm)
 - ▶ 60°/max. dia. 2 9/16 in (64.5 mm)
 - ▶ 90°/max. dia. 3 in (75.0 mm)

Delivering surfaces that are perfect from all angles: Centerless finishing module GRIT GXC.

The centerless finishing module GRIT GXC also offers excellent efficiency and flexibility when it comes to grinding the outside of pipes. It allows you to achieve perfect surfaces with minimal effort. Ability to handle 3 15/16 in OD pipe and up to 20 ft. lengths, making it one of the most versatile machines in the market (it is recommended to use feed tables - See page 34 for accessories).

Your benefits:

- ▶ Cost effective grinding of pipes and tubes from 3/8–4 in (10–100 mm) diameter.
- ▶ High working speed with superior surface quality.
- ▶ High level of flexibility as you can use an adapter to combine the machine with the GRIT GI range. (adaptor: 6 99 02 187 00 0).
- ▶ Use optional cooling system (GRIT GXW) for better finishes and less dust.

Stable

Locks into the GX or GI base machine for stable guiding.

Flexible

Variable speed for optimal finish 0–6 1/2 ft/min (0–2 m/min).

Convenient

Easy to adjust handles for simple and fast set-up.

Mobile

Four steerable casters.

Adaptable

Electrical connection for upgrading with cooling system GRIT GX/GI/GXW.



Technical specifications

Model	GRIT GXC
	Centerless finishing module for perfect surfaces on ferrous, non-ferrous and stainless tubular materials.
Feed motor power	.28 kW
Feed rate	0–6.5 ft/min (0–2 m/min)
Tube diameters	3/8–4 in (10–100 mm)
Belt dimensions	3 × 79 in (75 × 2,000 mm)
Weight	106 lbs. (48 kg)
Order number	7 901 23 00 44 3, (440 V*)

Includes: 2 guide rails nylon, 1 guide rail brass

*Field converted to 220 V

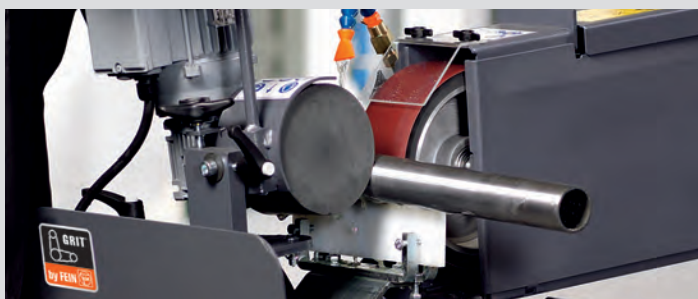
Centerless grinding machine GRIT GX 75/GX 75 2H + GXC + GXW

GX 75	7 901 21 00 40 3
GX 75 2H	7 901 22 00 40 3
GX 75 2V	7 901 21 00 23 3
GX 75 2H 2V	7 901 22 00 23 3
GXC **	7 901 23 00 44 3
GXW	7 901 24 00 44 3
Base	9 90 01 010 00 1



* Base not included.
 ** Field converted for 220V.

The quick way to achieve all-round brilliant results



Perfect surface quality and a high working speed when machining tubes and pipes aren't a problem for the centerless grinding module GRIT GXC. The feed speed can be continuously adjusted to the material to be machined, to a max of 6 ½ ft (2 m) per minute.

Always on the right track



The scope of supply includes a variety of guide rails adapted to the surface quality of the workpiece. The brass guide rail is designed for rough surfaces, such as corrosion, scale and so on or for dry grinding. The nylon rail, meanwhile, is the perfect choice for surface finishing and sensitive materials.

Significantly enhance surface results



Finishing with the GRIT GXW greatly enhanced surface results by using the coolant system. Using the coolant system alleviates small particles allowing the belts longer service life. The risk of corrosion on stainless steel pipes is reduced alleviating heat development. A closed circuit ensures economical use of the cooling system. (when finishing stainless steel, always grind in concealed and clean environment due to cross-contamination.

Ideal for finish grinding



The cooling system GRIT GXW guarantees optimal results and working conditions.

Technical specifications

Model	GXW
Power	.12 kW
Weight	19 lbs. (8.6 kg)
Order number	7 901 24 00 44 3 (440 V*)
Includes: 1 liter concentrated cooling (1:30) mix ratio	

*Field converted to 220 V

The clean way to finish: Deburring machine GRIT GXE.

An outstanding addition to the GRIT GX range, the deburring machine GRIT GXE finishes your work perfectly. It's extremely effective at deburring pipes, profiles and flat materials. The wide range of GRIT deburring brushes can tackle almost any deburring job. Whether they're used with or without extraction, both machine bases are optimally suited to the deburring machine GRIT GXE. They're also easy to install, have a durable design and are extremely stable. Machine bases can also be used for the GRIT GI range (GRIT GIE).

Your benefits:

- ▶ Fast and efficient deburring of pipes and profiles.
- ▶ Versatile, in use, due to a wide range of available wire brushes.
- ▶ Available in different power classes: GX/GI.

Safe

Integrated safety switch with motor protection.

Convenient

Gap between wire brush and support table can be adjusted without tools.

Versatility

Machine can be secured to machine base or workbench.



GRIT GIE



Clean

Integrated dust extraction in GRIT GIXBE or with external extraction system.

Technical specifications

Model	GRIT GXE ¹	GRIT GIE
	Effective deburring machine for metalworking trades and small production runs.	
Power	2.2 kW	
Speed	1,730 rpm	
Max. wheel dimensions	9 7/8 x 2 3/8 in (250 x 60 mm) ¹	9 7/8 x 2 3/4 in (250 x 120 mm) ¹ (Qty 2)
Power cord	7 ft (2 m)	
Weight	71 lbs. (32 kg)	75 lbs. (34 kg)
Order number	7 901 05 00 23 3 (230 V) 7 901 05 00 40 3 (440 V)	7 902 07 00 23 3 (230 V) 7 902 07 00 40 3 (440 V)

Includes: Safety switch; low voltage breaker (base not included - Base part number GIX - 9 90 01 002 00 0, GIXBE - 9 90 01 009 00 0)

¹ Brushes not included.

Deburring machine GRIT GXE + GIXS/GIXBE ¹

GXE (2V)	7 901 05 12 23 3
GXE	7 901 05 00 40 3
GIE (2V)	7 902 07 00 23 3
GIE	7 902 07 00 40 3
GIX (base)	9 90 01 002 00 0
GIXBE (base)	9 90 01 009 00 0

* Base not included.
¹ Brushes not included.



Machine base GRIT GIXS without dust extraction



- ▶ Stable sheet metal machine base.
- ▶ Ability to mount to the floor.

Machine base GRIT GIXBE with dust extraction



- ▶ Sheet metal machine base.
- ▶ Ability to mount to the floor.
- ▶ Highly effective double dust extraction.
- ▶ Effective air cleaning.
- ▶ Spark-resistant collection box for metal chips.
- ▶ Flexible, heat-resistant steel extraction tubes.

Technical specifications

Model	GRIT GIXS
Dimensions (L x W x H)	12 x 10 ½ x 30 in (304 x 356 x 769 mm)
Weight	40 lbs. (18 kg)
Order number	9 90 01 002 00 0

Technical specifications

Model	GRIT GIXBE
Power	.37 kW
Max. vacuum	2.65 mbar
Dimensions (L x W x H)	12 x 23 x 27 ½ in (305 x 575 x 700 mm)
Weight	128 lbs. (58 kg)
Order number	9 90 01 009 00 0





GRIT by FEIN GI for industrial use.

The GRIT GI range is perfectly suited for all grinding applications, materials in the metal industry. Due to the modular system, you can assemble the machine to fit your needs – even for steps that have already been partly automated. The high quality, durability and outstanding power of the machines guarantee maximum efficiency and mean that the machines pay for themselves quickly, as they offer complete reliability, even in continuous use.

Your benefits:

- ▶ Simple and comfortable operating use.
- ▶ Long run times, even in continuous industrial use.
- ▶ High-powered motors and dependable construction provide excellent cost-effectiveness and operating reliability.

Belt grinder



High-performance belt grinders for heavy-duty-use. The base machine for the modular GRIT GI range is available as a one-speed or two-speed version. It can also be used on its own as a fully functional belt grinder.

Notching



The perfect solution for accurate grinding of pipes, tubes, flat materials and profiles in industry.

Centerless finisher



Cost-effective centerless grinding of pipes in automated processes – from coarse grinding to surface finishing. Used in combination with the cooling system, GRIT GXW, it allows you to achieve perfect results at a low temperature. Offers 2 attachments, depending size of the machine.

Linear grinder



The patented surface grinder GRIT GILS, the only one of its kind on the market, delivers perfect surface results quickly and cost effectively due to the automatic feed.

The efficient and cost effective system: The GRIT by FEIN GI machine series.

Belt grinder GRIT GI 75/GI 75 2H/GI 150/GI 150 2H + GIB/GIBE

GI 75	7 902 01 00 40 3
GI 75 2H	7 902 02 00 40 3
GI 150	7 902 04 00 40 3
GI 150 2H	7 902 05 00 40 3
GI 75 2V	7 902 01 00 23 3
GI 75 2H 2V	7 902 02 00 23 3
GI 150 2V	7 902 04 00 23 3
GI 150 2H 2V	7 902 05 00 23 3
GIB (base)	9 90 01 003 00 0
GIBE (base)	9 90 01 004 00 0

* Base not included.



Machine bases



GI Belt grinder



GI Belt grinder

Notching grinder GRIT GI 150/GI 150 2H + GIB/GIBE + GIR

GI 150	7 902 04 00 40 3
GI 150 2H	7 902 05 00 40 3
GI 150 2V	7 902 04 00 23 3
GI 150 2H 2V	7 902 05 00 23 3
GIR	9 90 01 007 00 1
GIB (base)	9 90 01 003 00 0
GIBE (base)	9 90 01 004 00 0

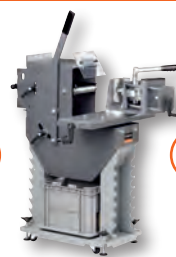
* Base not included.



Machine bases



GI Belt grinder



GI Notching module



GI Notching grinder

Centerless grinder GRIT GI 150/GI 150 2H + GIB + GIC + GXW

GI 150	7 902 04 00 40 3
GI 150 2H	7 902 05 00 40 3
GI 150 2V	7 902 04 00 23 3
GI 150 2H 2V	7 902 05 00 23 3
GIC **	7 902 12 00 44 3
GIB (base)	9 90 01 003 00 0

* Base not included.

** Field converted for 220V.



Machine base



GI Belt grinder



GI Centerless module



GI Centerless grinder

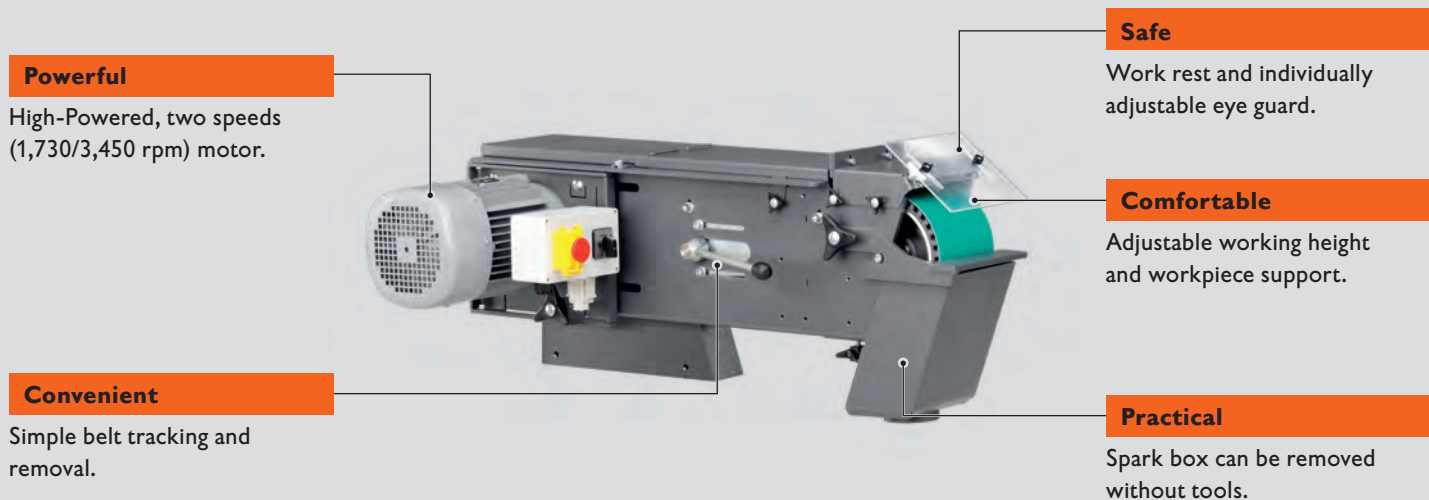


The industrial workhorse: Belt grinders GI 75/GI 75 2H and GI 150/GI 150 2H.

The standard for industrial belt grinding: the belt grinders GRIT GI 75 and GRIT GI 150. Every component is specially designed to tackle tough professional use while the exceedingly powerful motor keeps the speed constant and delivers high cutting power. Available with belt widths of 3 and 6 in (75 and 150 mm) and as a one-speed or two-speed versions.

Your benefits:

- ▶ Reliable at all times, even under the toughest conditions.
- ▶ Easy to convert to a notching, centerless or flat material grinder.
- ▶ Optional dust extraction system for clean operation.
- ▶ Motors designed for continuous industrial use.



Technical specifications

Model	GI 75	GI 75 2H	GI 150	GI 150 2H
	High-performance belt grinder, modular expansion capability, for demanding volume applications.	High performance belt grinder, modular expansion capability, for industrial and production applications. Two speeds, ideal for processing stainless steel.	High-performance belt grinder, modular expansion capability, for demanding volume production of extra-wide workpieces.	High performance belt grinder, modular expansion capability, for industrial and production applications. Two speeds, ideal for processing stainless steel.
Power	4 kW, (220V, or 440V) 3 ph	2.6/3.1 kW, (220V or 440V) 3 ph	4 kW, (220V) or (440V) 3 ph	2.6/3.1 kW, (220V or 440V) 3 ph
No-load speed	3,450 rpm	1,730/3,450 rpm	3,450 rpm	1,730/3,450 rpm
Belt dimensions	3 × 79 in (75 × 2,000 mm)		6 × 79 in (150 × 2,000 mm)	
Belt speed	98 ft/sec (30 m/sec)	49/98 ft/sec (15/30 m/sec)	98 ft/sec (30 m/sec)	49/98 ft/sec (15/30 m/sec)
Weight	143 lbs. (65 kg)		181 lbs. (82 kg)	
Order numbers	7 902 01 00 40 3* GI 75, 440V, 3ph 1 speed 7 902 01 00 23 3* GI 75 2V, 3ph 1 speed	7 902 02 00 40 3* GI 75 2H, 440V, 3ph 2 speed 7 902 02 00 23 3* GI 75, 2H 2V, 3ph 2 speed	7 902 04 00 40 3* GI 150, 440V, 3ph 2 speed 7 902 04 00 23 3* GI 150 2V, 3ph, 2 speed	7 902 05 00 40 3* GI 150 2H, 440V 3ph, 2 speed 7 902 05 00 23 3* GI 150 2H 2V, 3ph, 2 speed
Includes	1 grinding belt 3 × 79 in (75 × 2,000 mm), 36 grit R		1 grinding belt 6 × 79 in (150 × 2,000 mm) 36 grit R	

* Base not included.

Belt grinding machine GI 75/GI 75 2H/GI 150/GI 150 2H + GIB/GIBE

GI 75	7 902 01 00 40 3
GI 75 2H	7 902 02 00 40 3
GI 75 2V	7 902 01 00 23 3
GI 75 2H 2V	7 902 02 00 23 3
GI 150	7 902 04 00 40 3
GI 150 2H	7 902 05 00 40 3
GI 150 2V	7 902 04 00 23 3
GI 150 2H 2V	7 902 05 00 23 3
GIB (base)	9 90 01 003 00 0
GIBE (base)	9 90 01 004 00 0

* Base not included.



Machine bases



GI belt grinder



Belt grinding machine with GIB base



Belt grinding machine with GIBE base

Machine base without dust extraction system GIB



- ▶ Working height can be adjusted conveniently and with ease using the gas compression.
- ▶ High level of stability due to durable design.

Machine base with dust extraction system GIBE



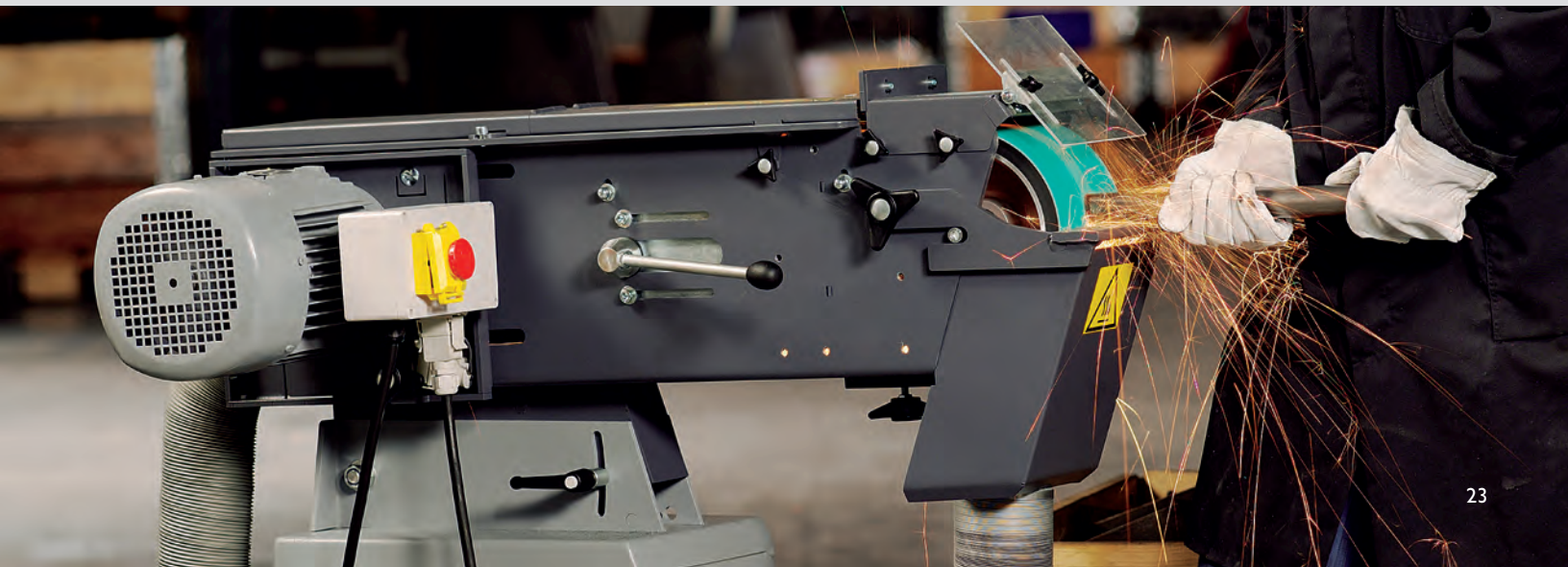
- ▶ Working height can be adjusted with ease using the gas compression spring.
- ▶ High level of stability due to durable design.
- ▶ Cartridge filter for effective air cleaning
- ▶ Flexible, heat-resistant steel extraction pipes.

Technical specifications

Model	GIB
Weight	37.5 lbs (17 kg)
Order number	9 90 01 003 00 0

Technical specifications

Model	GIBE
Power	350 Watts
Weight	121 lbs (55 kg)
Order number	9 90 01 004 00 0

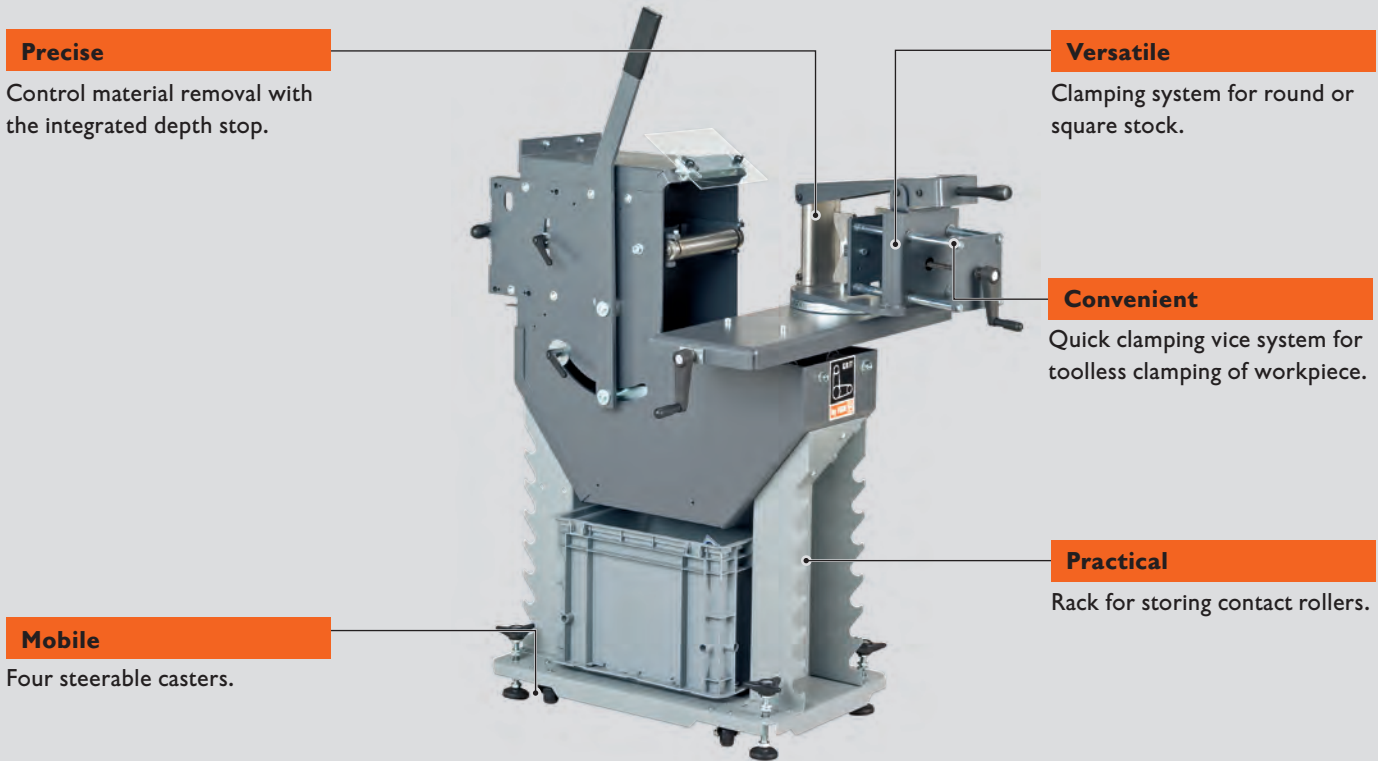


Notching in volume production: notching module GRIT by FEIN GIR.

Fast and accurate, the notching module GRIT GIR is ideal for industrial use. Effective material removal guarantees cost-effective working – and with a belt width of 6 in (150 mm), the machine is also suited to workpieces with larger diameters.

Your benefits:

- ▶ Accurate grinding of pipes with diameters up to 6 in (150 mm).
- ▶ Fewer burrs and less tarnishing when machining stainless steel (with GRIT GI 150 2H / low speed).



Precise
Control material removal with the integrated depth stop.

Versatile
Clamping system for round or square stock.

Convenient
Quick clamping vice system for toolless clamping of workpiece.

Practical
Rack for storing contact rollers.

Mobile
Four steerable casters.

Technical specifications

Model	GRIT GIR
	Notching module for exact-fit grinding of pipe, profiles and flat materials in production work, even with extra-wide sections.
Tube diameters	5/8–6 in (20–150 mm)
Max. dimensions of profile/flat material	4 3/4–6 in (120×150 mm)
Belt dimensions	6×88 9/16/6×94 in (150×2,250/150×2,400 mm) with contact rollers over 6 in (150 mm) dia. and mitre grinding plate
Weight	241 lbs (109 kg)
Order number	9 90 01 007 00 1

Includes: 1 contact roller 1-11/16 in pipe (42.4 mm) dia.; 1 dust container; 1 grinding belt 6×88 9/16 in (150×2,250 mm), grit 36 R

Radius module GRIT GI 75/GI 75 2H 2V + GXR + GIR/GI 150/GI 150 2H + GRIT GIB/GIBE + GRIT GIR

GI 75	7 902 01 00 40 3
GI 75 2H	7 902 02 00 40 3
GI 75 2V	7 902 01 00 23 3
GI 75 2H 2V	7 902 02 00 23 3
GI 150	7 902 04 00 40 3
GI 150 2H	7 902 05 00 40 3
GI 150 2V	7 902 04 00 23 3
GI 150 2H 2V	7 902 05 00 23 3
GIR	9 90 01 007 00 1
GIB (base)	9 90 01 003 00 0
GIBE (base)	9 90 01 004 00 0

* Base not included.



Machine bases



GI belt grinder



Notching grinder machine



Radius grinding module

Durable and powerful



The GRIT GIR machine series was specially developed for use in industry. The durable construction provides efficiency and accuracy in continuous use and when processing thick-walled or solid material.

Efficient and easy to use



Due to the quick clamping system, you can change the workpiece efficiently and easily using the heavy-duty vice. The stainless steel clamping jaws supplied prevent contact corrosion with stainless steel workpieces. The suction nozzle (order no. 6 99 02 182 00 0) is required for effective extraction.

Flexibility

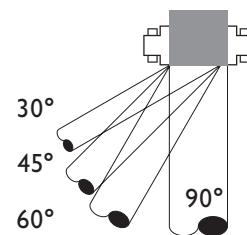


GRIT has developed a special miter plate to ensure that everything fits when grinding miters. Easy installation makes it unique in the marketplace. The miter grinding plate is available as an option. (order number 6 99 02 175 00 0).

Maximum pipe diameter:

- ▶ 0° – Ø 4 1/2 in (110 mm)
- ▶ 30° – Ø 3 1/8 in (80 mm)
- ▶ 45° – Ø 2 3/8 in (60 mm)

Fully adjustable



For angles from 30° to 90°

- ▶ 30°/max. Ø 2 7/8 in (75 mm)
- ▶ 45°/max. Ø 4 1/8 in (105 mm)
- ▶ 60°/max. Ø 5 in (130 mm)
- ▶ 90°/max. Ø 6 in (150 mm)

Perfect results in centerless finishing: GRIT by FEIN GIC.

The unique module for industrial production centerless finishing. Easy, fast, and tool-free mounting on the base machine (suitable for GRIT GI 150, GRIT GI 150 2H). The GRIT GIC handles all centerless finishing tasks including straight tubes and cylindrical stock, pre-grinding for chrome plating, as well as pipe for perfect surface finishing. It achieves maximum surface quality and can be adjusted for different pipe dimensions. Ideal for applications in railing fabrication and plant construction. (it is recommended to use feed tables - See page 35 for accessories)

Your benefits:

- ▶ Quick retooling time.
- ▶ High surface quality.
- ▶ Flexible when processing pipe dimension between $\frac{3}{8}$ to $5 \frac{1}{8}$ in (10 to 130 mm) diameter.
- ▶ The option of wet finishing cuts down on dust levels.
- ▶ Sturdy steel design.
- ▶ Should be used with external guide rolling system.

Powerful

Three phase motor, designed for uninterrupted service.

Efficient

Quick fastener for simple retooling without need for tools.



Flexible

Variable feed speed 0-6 1/2 ft/min (0-2 m/min) for perfect surfaces.

Adaptable

Optional cooling system for wet grinding, for cool surfaces, a dust-free environment and long grinding belt service life.

Mobile

Four steerable casters.



Technical specifications

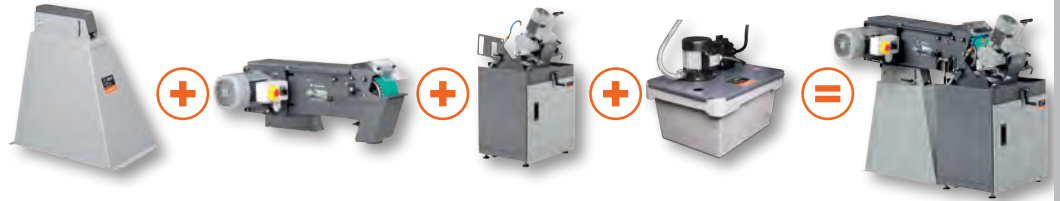
Model	GRIT GIC
	Centerless grinding module for industrial volume production.
Power	.18 kW
Tube diameters	$\frac{3}{8}$ – $5 \frac{1}{8}$ in (10 – 130 mm)
Tube length	12 in - 20 ft (300 – 6,000 mm)
Feed rate	0-6.5 ft/min (0-2 m/min)
Belt dimensions	6 x 79 in (150 x 2000 mm)
Weight	143 lbs (65 kg)
Order number	7 902 12 00 44 3, (440V*)

Includes: 2 guide rails nylon, 1 guide rail brass.

*Field converted to 220 V

Centerless grinder GRIT GI 150/GI 150 2H + GRIT GIB/GIBE + GRIT GIC + GRIT GXW

GI 150	7 902 04 00 40 3
GI 150 2H	7 902 05 00 40 3
GI 150 2V	7 902 04 00 23 3
GI 150 2H 2V	7 902 05 00 23 3
GIC	7 902 12 00 44 3
GXW	7 901 24 00 44 3
GIB (base)	9 90 01 003 00 0
GIBE (base)	9 90 01 004 00 0



Machine bases

GI belt grinder

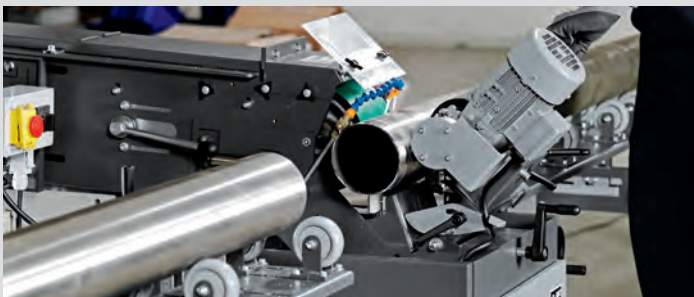
Cylindrical finishing module

GXW Cooling system

Centerless cylindrical finishing

* Base not included.
** GI 75 can be used with GXC module

Extremely cost-effective



Like all units in the GRIT GI series, the GRIT GIC cylindrical grinding module is designed for maximum loading. Maximum automation ensures reliable operation even in continuous manufacturing use, and also pays off from an economic viewpoint.

Extremely easy to install



Connection of the GRIT GIC cylindrical finishing module to the GRIT GI belt grinding machine is as simple as possible and completed quickly.

Perfect results



Wet finishing allows you to achieve perfect results. Due to effective cooling with the cooling system, GRIT GXW, the operating temperature on the workpiece is reduced considerably. This is particularly beneficial when machining stainless steel. Both overheating and the risk of corrosion are prevented. The water wiping system, which is also available as an option, allows you to automatically rid the machined workpiece of excess water.

Accurate processing



You can easily machine a wide range of pipe diameters with lengths of up to 20 ft. (6 m) using the pipe guide, which is available as an option.

Belt grinding goes mobile: The GRIT by FEIN GIMS.

The GRIT by FEIN GIMS grinding module is the perfect solution when the work cannot be brought to the grinder. The solution, bring the grinder to the work surface. Perfect for weld prep or grinding weld seams on large, flat surface areas such as ship decks. The GIMS eliminates time consuming hand work and operator fatigue.

Your benefits:

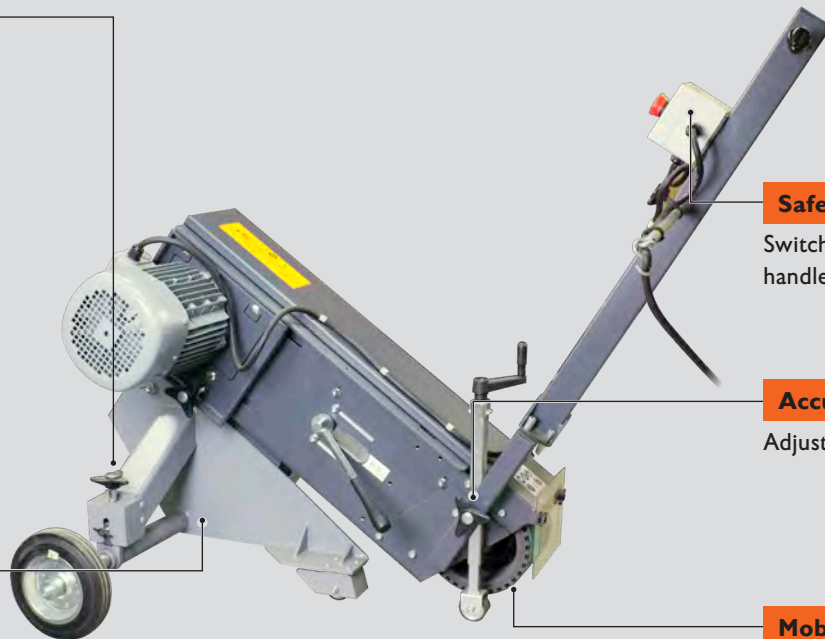
- ▶ Highly efficient grinding, finishing and honing of weld seams at floor level.
- ▶ Effective grinding of steel forms for precast concrete.
- ▶ Fatigue free work with a comfortable posture.

Precise

Adjustable contact wheel for flat grinding.

Flexible

Adjustable wheelbase for cramped working conditions.



Safe

Switch within reach on the handle.

Accurate

Adjustable depth stop.

Mobile

Effective "on site" grinding at floor level.

Technical specifications

Model	GIMS 75	GIMS 75 2V	GIMS 150	GIMS 1505 2V
Power	4 kW, 440V 3 ph	4 kW, 220V 3 ph	4 kW, 440V 3 ph	4 kW, 220V 3 ph
No-load speed	3,400 rpm		3,400 rpm	
Belt dimensions	3 × 79 in (75 × 2,000 mm)		6 × 79 in (150 × 2,000 mm)	
Belt speed	98 ft/sec (30 m/sec)		98 ft/sec (30 m/sec)	
Weight	220 lbs. (100 kg)		243 lbs. (110 kg)	
Order numbers	7 902 13 00 40 3	7 902 13 00 23 3	7 902 14 00 40 3	7 902 14 00 23 3
Includes	1 grinding belt 3 × 79 in (75 × 2,000 mm), 36 grit R		1 grinding belt 6 × 79 in (150 × 2,000 mm), 36 grit R	

Mobile belt grinder GRIT GIMS 75

GIMS 75	7 902 13 00 40 3
GIMS 75 2V	7 902 13 00 23 3
GIMS 150	7 902 14 00 40 3
GIMS 150 2V	7 902 14 00 23 3



Mobile grinder

Comfortable working



Convenient handling of the mobile grinding unit GRIT by FEIN GIM is impressive in many work situations.

Unrivalled removal rate



The combination of GRIT by FEIN GIM module and the GRIT by FEIN GI basic belt grinding machine is suitable for grinding thicker weld seams.

Completely automatic flat material grinding: Flat material grinding machine GRIT by FEIN GILS.

Completely assembled linear grinding machine. Indispensable for surface preparation and finishing on flat surfaces and edge grinding. The GRIT by FEIN GILS delivers perfect surfaces, quickly and efficiently and is ideally suited for processing all metals, even stainless steel.

Your benefits:

- ▶ Perfect processing of all metals, from steel to non-ferrous metals to stainless steel.
- ▶ Best surface results through to finishing in the shortest time.
- ▶ Easy handling, even with angular workpieces or workpieces on edge.

Time-saving

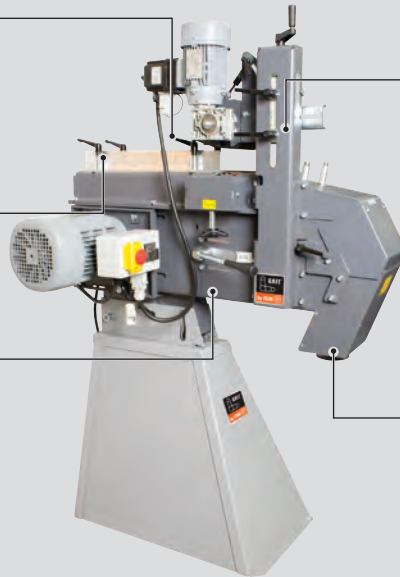
Adjustable handles for ease of setup.

Flexible

Adjustment of the workpiece width using movable stops.

Convenient

Simple belt tracking and removal.



Stable

Complete unit for square and flat stock grinding.
1 1/16

Clean

Front and rear dust ports for efficient dust extraction. Pleated filter with metal mat for spark protection.

Technical specifications

Model	GILS 150 2H w/GIB	GILS 150 2H 2V w/GIB	GILS 150 2H w/GIBE	GILS 150 2H 2V w/GIBE
Positioning	Flat grinding machine for perfect automated longitudinal grinding of square tube, sections and flat materials. Two speeds for effective finishing of stainless steel.			
Power	2.6/3.1 kW			
No load speed	1,750–3,450 rpm			
Belt dimensions	6 × 79 in (150 × 2,000 mm)			
Belt speed	49/98 ft/sec (15/30 m/sec)			
Max. dimensions of profile/flat material	4 × 4 in (100 × 100 mm)			
Min.-Max. Length profiles/flat material	12–79 in (300–2,000 mm)			
Max. weight profiles/flat material	20 lbs (9 kg)			
Weight	417 lbs (189 kg)	417 lbs (189 kg)	454 lbs (206 kg)	454 lbs (206 kg)
Order number	7 902 35 00 40 3	7 902 35 00 23 3	7 902 51 00 40 3	7 902 51 00 23 3

Includes: 1 grinding belt 6 × 79 in (150 × 2,000 mm), 36 grit R, GIB of GIBE bas.

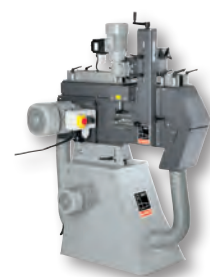
Flat material grinder GRIT GILS

GILS 150 2H w/ GIB*	7 902 35 00 40 3
GILS 150 2H 2V w/ GIB*	7 902 35 00 23 3
GILS 150 2H w/ GIBE*	7 902 51 00 40 3
GILS 150 2H 2V w/GIBE*	7 902 51 00 23 3

* Base included.



Flat material grinding machine
with GIB base



Flat material grinding machine
with GIBE base

Flat grinding made simple



Even longitudinal grinding of square and flat material or profiles is made as easy as possible with the unique flat material grinding machine GRIT GILS. There is no change in the belt dimensions of the base unit. A patent application has been made for this GRIT solution.

Only the best: Original GRIT grinding belts.

The high quality demanded of GRIT by FEIN machines is also reflected in the grinding belts. GRIT by FEIN places great importance on premium quality grinding belts - for maximum removal capability and outstanding service life in metal processing. That makes GRIT by FEIN grinding belts extremely economical in use. Use of the finest raw materials and our own packaging ensures an optimal price/performance ratio.



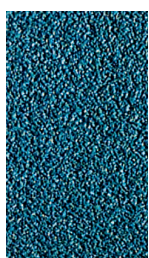
GRIT grinding media R



Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.

Grit	Pack	3 × 79 in (75 × 2,000 mm)	3 × 88 ⁹ / ₁₆ in (75 × 2,250 mm)	6 × 79 in (150 × 2,000 mm)	6 × 88 ⁹ / ₁₆ in (150 × 2,250 mm)	3 × 90 ⁹ / ₁₆ in (75 × 2,300 mm)
24	10	6 99 03 000 00 0	-	6 99 03 039 00 0	-	-
36	10	6 99 03 002 00 0	6 99 03 020 00 0	6 99 03 040 00 0	6 99 03 053 00 0	6 99 03 122 00 0
40	10	6 99 03 004 00 0	-	6 99 03 042 00 0	-	-
60	10	6 99 03 007 00 0	-	6 99 03 044 00 0	-	-
80	10	6 99 03 009 00 0	-	6 99 03 046 00 0	-	-
120	10	6 99 03 013 00 0	-	6 99 03 048 00 0	-	-

GRIT grinding media Z



Heavy polyester fabric, full resin bond with zirconium aluminum oxide.

Grit	Pack	3 × 79 in (75 × 2,000 mm)	3 × 88 ⁹ / ₁₆ in (75 × 2,250 mm)	6 × 79 in (150 × 2,000 mm)	6 × 88 ⁹ / ₁₆ in (150 × 2,250 mm)	6 × 94 ¹ / ₂ in (150 × 2,400 mm)
24	10	-	-	-	-	-
36	10	6 99 03 003 00 0	6 99 03 021 00 0	6 99 03 041 00 0	6 99 03 054 00 0	6 99 03 112 00 0
40	10	6 99 03 005 00 0	-	6 99 03 043 00 0	-	-
60	10	6 99 03 008 00 0	-	6 99 03 045 00 0	-	-
80	10	6 99 03 010 00 0	-	6 99 03 047 00 0	-	-
120	10	6 99 03 014 00 0	-	6 99 03 049 00 0	-	-

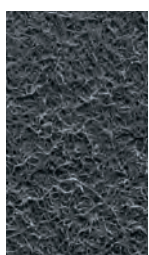
GRIT grinding media A



Heavy cotton fabric, full resin bond with corundum.

Grit	Pack	3 × 79 in (75 × 2,000 mm)	3 × 88 ⁹ / ₁₆ in (75 × 2,250 mm)	6 × 79 in (150 × 2,000 mm)	6 × 88 ⁹ / ₁₆ in (150 × 2,250 mm)
220	10	6 99 03 017 00 0	-	6 99 03 050 00 0	-
320	10	6 99 03 018 00 0	-	6 99 03 051 00 0	-
400	10	6 99 03 019 00 0	-	6 99 03 052 00 0	-

Fleece belts for GRIT machines



Reliable for elimination of minor defects through to perfect finishes. Long service life ensures cost-effective work. Suitable for GRIT GX 75, GRIT GXC, GRIT GI 75, GRIT GI 150, GRIT GIC, GRIT GIL and GRIT GILS. Also suitable for wet grinding.

Grit	Pack	3 × 79 in (75 × 2,000 mm)	6 × 79 in (150 × 2,000 mm)
very fine (blue)	3	6 99 03 121 01 0	6 99 03 120 01 0
medium (red)	3	6 99 03 119 01 0	6 99 03 118 01 0
coarse (brown)	3	6 99 03 117 01 0	6 99 03 116 01 0
Assorted pack*	1	6 99 03 122 01 0	6 99 03 123 01 0

*One of each belt included in assorted pack.

GENERAL ACCESSORIES

Accessories GRIT GX 75/GX 75 2H

Graphite pad

a friction reducer for flat material grinding, 5 pack.

Order number 3 90 00 000 00 1

Contact wheel

Shore hardness 80.

Order number 3 90 00 000 00 5

Eye protection

acrylic plate for protection from sparks, 3 pack.

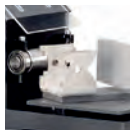


Order number 3 90 00 000 00 4

Accessories GRIT GXR

Stainless steel vice jaws

interchangeable, for vise installation when processing stainless steel, 1 pack.



Order number 6 99 02 004 00 0

Length stop

length 39½ in (1,000 mm), continuously adjustable, easy assembly.



Order number 6 99 02 001 00 0

Contact rollers for GXR

easy assembly, ball bearings at both ends.



Dia. in [mm]	Order Number
5/8 [16.0]	6 99 02 020 00 0
43/64 [17.0]	6 99 02 021 00 0
43/64 [17.2]	6 99 02 022 00 0
45/64 [18.0]	6 99 02 023 00 0
3/4 [19.0]	6 99 02 024 00 0
3/4 pipe [20.0]	6 99 02 025 00 0
53/64 [21.0]	6 99 02 026 00 0
3/4 pipe [21.3]	6 99 02 027 00 0
55/64 [22.0]	6 99 02 028 00 0
7/8 [22.2]	6 99 02 029 00 0
57/64 [22.5]	6 99 02 030 00 0
29/32 [23.0]	6 99 02 031 00 0
29/32 [23.1]	6 99 02 032 00 0
15/16 [24.0]	6 99 02 033 00 0
1 pipe [24.5]	6 99 02 034 00 0

Dia. in [mm]	Order Number
1-1/8 [28.6]	6 99 02 043 00 0
1-9/64 [28.8]	6 99 02 044 00 0
1-9/64 [29.0]	6 99 02 045 00 0
1-3/16 [30.0]	6 99 02 046 00 0
1-1/4 [31.7]	6 99 02 047 00 0
1-1/4 in tube [32.0]	6 99 02 048 00 0
1-19/64 [33.0]	6 99 02 049 00 0
1 in pipe [33.7]	6 99 02 050 00 0
1-11/32 [34.0]	6 99 02 051 00 0
1-3/8 [35.0]	6 99 02 052 00 0
1-27/64 [36.0]	6 99 02 053 00 0
1-15/32 [37.5]	6 99 02 054 00 0
1-1/2 [38.0]	6 99 02 055 00 0
1-1/2 [38.1]	6 99 02 056 00 0
1-1/2 in tube [38.3]	6 99 02 057 00 0
1-37/64 [40.0]	6 99 02 058 00 0
1-39/64 [41.0]	6 99 02 059 00 0
1-5/8 [41.2]	6 99 02 060 00 0
1-5/8 in tube [42.0]	6 99 02 061 00 0
1-1/4 in pipe [42.4]	6 99 02 062 00 0
1-43/64 [42.6]	6 99 02 063 00 0
1-11/16 [43.0]	6 99 02 064 00 0
1-45/64 [43.3]	6 99 02 065 00 0
1-47/64 [44.0]	6 99 02 066 00 0
1-3/4 in tube [44.5]	6 99 02 067 00 0
1-49/64 [45.0]	6 99 02 068 00 0
1-13/16 [46.0]	6 99 02 069 00 0
1-57/64 [48.0]	6 99 02 070 00 0
1-1/2 in pipe [48.3]	6 99 02 071 00 0
1-59/64 [49.0]	6 99 02 072 00 0
1-31/32 [50.0]	6 99 02 073 00 0
2 in tube [50.8]	6 99 02 074 00 0
2-1/64 [51.0]	6 99 02 075 00 0
2-3/32 [53.0]	6 99 02 076 00 0
2-7/64 [53.7]	6 99 02 077 00 0
2-1/8 [54.0]	6 99 02 078 00 0
2-11/64 [55.0]	6 99 02 079 00 0
2-1/4 [57.0]	6 99 02 080 00 0
2-9/32 [58.0]	6 99 02 081 00 0
2-21/64 [59.0]	6 99 02 082 00 0
2-23/64 [60.0]	6 99 02 083 00 0
2-3/8 [60.3]	6 99 02 084 00 0
2-31/64 [63.0]	6 99 02 085 00 0
2-1/2 in tube [63.5]	6 99 02 086 00 0
2-9/16 [65.0]	6 99 02 087 00 0
2-41/64 [67.0]	6 99 02 088 00 0
2-32/32 [69.0]	6 99 02 089 00 0
2-3/4 [70.0]	6 99 02 090 00 0
2-1/2 in pipe [73.0]	6 99 02 091 00 0
2-61/64 [75.0]	6 99 02 092 00 0
2-63/64 [76.0]	6 99 02 093 00 0
3 [76.1]	6 99 02 094 00 0
3 in tube [76.2]	6 99 02 095 00 0
3-5/32 [80.0]	6 99 02 096 00 0
3-1/4 [82.5]	6 99 02 097 00 0
3 in pipe [88.9]	6 99 02 098 00 0
3-35/64 [90.0]	6 99 02 099 00 0

Accessories GRIT GXR

Eye protection

acrylic plate for protection from sparks, 3 pack.



Order number 3 90 00 000 00 7

Collection container

plastic, for extinguishing sparks, with handles at the sides, capacity approx. 5.2 gal (20 l).



Order number 6 99 02 000 00 0

Connection piece

required to adapt the GRIT GXR module to a belt grinding machine in the GRIT GI series.

Order number 6 99 02 186 00 0

Accessories GRIT GXC

Guide rail, brass

for dry grinding and rough material surfaces.



Order number 3 90 00 000 49 6

Guide rail, nylon

for high surface quality.



Order number 3 90 00 000 49 7

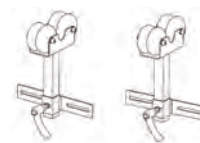
Connection piece

required to adapt the GRIT GXC module to a belt grinding machine in the GRIT GI series.

Order number 6 99 02 187 00 0

Pipe guide for cylinder grinding

3/8 - 5-1/8 in [10-130 mm] dia.



Order number 6 99 02 179 60 0

Pipe guide for cylinder grinding

3/8 - 6-5/16 in [10-160 mm] dia. Interchangeable to suit pipe length.



max. pipe length in [mm] Order Number
39-3/8 [1,000] 6 99 02 180 60 0

Pipe guide for cylinder grinding

3/8 - 6-5/16 in [10-160 mm] dia. Interchangeable to suit pipe length.



max. pipe length in [mm] Order Number
59-1/16 [1,500] 6 99 02 181 60 0

Accessories GRIT GXW

Cooling emulsion

Concentrated, 2.6 gal (10 l), mix ratio 1:30, makes 79 gal (300 l) ready coolant.

Order number 6 99 02 100 00 0

Accessories GRIT GXE

Wire wheels

10" x 23/8" (250 x 60 mm) dia., with very high wire strength for especially efficient use, mounting hole 2" (51 mm) dia.

33 wire gauge for thin-walled pipes and profiles. 29 wire gauge for thick-walled pipes and profiles.

Steel:



Wire thickness	Order number
33 gauge (0.20 mm)	6 99 02 006 00 0
29 gauge (0.35 mm)	6 99 02 007 00 0
25 gauge (0.50 mm)	6 99 02 008 00 0

Stainless steel:



Wire thickness	Order number
33 gauge (0.20 mm)	6 99 02 009 00 0
29 gauge (0.35 mm)	6 99 02 010 00 0

GENERAL ACCESSORIES

Eye protection

acrylic plate for protection from sparks, 3 pack.



Order number 3 90 00 000 00 4

Accessories GRIT GX

Flexible hose

for chip removal, 3³/₁₆ in (90 mm) dia., 3.3 ft (1 m) long, steel, highly heat resistant.



Order number 3 90 00 000 00 2

Hose clamp

for flexible hose attachment.

Order number 3 90 00 000 00 3

Water container

plastic, for extinguishing sparks, with handles at the sides, capacity approx. 5.2 gal (20 l)



Order number 6 99 02 000 00 2

Dust extraction device* GX5

Order number 6 99 02 000 14 7

*need to order with spark box with knockout 6 99 02 000 14 7

Accessories GRIT GI 75/GI 75 2H

Graphite pad

a friction reducer for flat material grinding, 3¹/₈ × 16 in (80 × 430 mm), 5 pack

Order number 3 90 00 000 00 1

Contact wheel

Ø 8 × 3 in (200 × 75 mm), Shore hardness 80.

Order number 3 90 00 000 00 5

Contact wheel

Ø 8 × 2 in (200 × 50 mm), Shore hardness 90.

Order number 6 99 02 341 00 2

Drive wheel

with urethane coating for long service life, Ø 8 × 3 in (200 × 75 mm).

Order number 3 90 00 000 00 6

Eye protection

acrylic plate for protection from sparks, 3 pack.



Order number 3 90 00 000 00 7

Accessories GRIT GI 150/GI 150 2H

Graphite pad

a friction reducer for flat material grinding, 3 1/8 × 17 in (155 × 430 mm), 3 pack.

Order number 3 90 00 000 05 6

Contact wheel

Ø 8 × 6 in (200 × 150 mm), Shore hardness 80.

Order number 3 90 00 000 18 8

Drive wheel

with urethane coating for long service life, Ø 8 × 6 in (200 × 150 mm).

Order number 3 90 00 000 08 9

Accessories GRIT GI 150/GI 150 2H

Eye protection

acrylic plate for protection from sparks, 3 pack.



Order number 3 90 00 000 18 4

Accessories GRIT GIL

Swivel joint GRIT GIT

for adaptation to the work area under tight space conditions, continuously variable pivot range up to 90°.

Order number 6 99 02 176 00 0

Accessories GRIT GIR

Contact rollers

long service life, low rolling resistance due to high-quality ball bearings, easily exchanged.



Dia. in [mm]	Order Number
3/4 in tube [20.0]	6 99 02 101 00 0
1/2 in pipw [21.0]	6 99 02 193 00 0
55/64 [22.0]	6 99 02 102 00 0
63/64 [25.0]	6 99 02 103 00 0
1 in tube [25.4]	6 99 02 104 00 0
3/4 in pipe [26.9]	6 99 02 105 00 0

Dia. in [mm]	Order Number
1-7/64 [28.0]	6 99 02 106 00 0
1-3/16 [30.0]	6 99 02 107 00 0
1-1/4 in tube [32.0]	6 99 02 108 00 0
1 in pipe [33.7]	6 99 02 109 00 0
1-3/8 in tube [35.0]	6 99 02 110 00 0
1-1/2 [38.0]	6 99 02 111 00 0
1-1/2 [38.1]	6 99 02 112 00 0
1-1/2 in tube [38.3]	6 99 02 113 00 0
1-37/64 [40.0]	6 99 02 114 00 0
1-1/4 in pipe [42.4]	6 99 02 115 00 0
1-3/4 in pipe [44.5]	6 99 02 116 00 0
1-1/2 in pipe [48.3]	6 99 02 117 00 0
1-31/32 [50.0]	6 99 02 118 00 0
2 in tube [50.8]	6 99 02 119 00 0
2-23/64 [60.0]	6 99 02 120 00 0
2 in pipe [60.3]	6 99 02 121 00 0
2-1/2 in tube [63.5]	6 99 02 122 00 0
2-1/2 in pipe [73]	6 99 02 245 00 0
2-32/32 [69.0]	6 99 02 123 00 0
3 [76.1]	6 99 02 124 00 0
3 in tube [76.2]	6 99 02 125 00 0
3-5/16 [84.0]	6 99 02 126 00 0
3 in pipe [88.9]	6 99 02 127 00 0
4 in tube/3-1/2 in pipe [101.6]	6 99 02 128 00 0
4-3/32 [104.0]	6 99 02 129 00 0
4-1/4 [108.0]	6 99 02 130 00 0
4-1/2 in tube/4 in pipe [114.3]	6 99 02 131 00 0
5 in tube [127.0]	6 99 02 292 00 0
5-1/2 in tube [133.0]	6 99 02 132 00 0
5 in pipe [139.7]	6 99 02 133 00 0
6 in pipe [168.3]	6 99 02 134 00 0
7 in pipe [193.7]	6 99 02 135 00 0

Eye protection

acrylic plate for protection from sparks, 3 pack.



Order number 3 90 00 000 18 4

Mitre grinding plate GIG

for mitre grinding of pipes and profiles.

Order number 6 99 02 175 00 0

Extraction collector

for perfect extraction, mounts to machine base GRIT GIBE with double extraction.



Order number 6 99 02 182 00 0

Accessories GRIT GI

Dia. in [mm]	Order Number
3/4 in tube [20.0]	6 99 02 101 00 0
1/2 in pipw [21.0]	6 99 02 193 00 0
55/64 [22.0]	6 99 02 102 00 0
63/64 [25.0]	6 99 02 103 00 0
1 in tube [25.4]	6 99 02 104 00 0
3/4 in pipe [26.9]	6 99 02 105 00 0

Accessories GRIT GIE

Wire wheels

10" × 2³/₈" (250 × 60 mm) dia., with very high wire strength for especially efficient use, mounting hole 2" (51 mm) dia.

33 wire gauge for thin-walled pipes and profiles. 29 wire gauge for thick-walled pipes and profiles.

Steel:



Wire thickness	Order number
33 gauge (0.20 mm)	6 99 02 006 00 0
29 gauge (0.35 mm)	6 99 02 007 00 0
25 gauge (0.50 mm)	6 99 02 008 00 0

Stainless steel:



Wire thickness	Order number
33 gauge (0.20 mm)	6 99 02 009 00 0
29 gauge (0.35 mm)	6 99 02 010 00 0

Eye protection

acrylic plate for protection from sparks, 3 pack.



Order number 3 90 00 000 00 7

Accessories GRIT GIC

Pipe guide for cylinder grinding

3/8 - 6-5/16 in [10-160 mm] dia. Interchangeable to suit pipe length.



max. pipe length in [mm]	Order Number
59-1/16 [1,500]	6 99 02 181 60 0

Pipe guide for cylinder grinding

3/8 - 6-5/16 in [10-160 mm] dia. Interchangeable to suit pipe length.



max. pipe length in [mm]	Order Number
39-3/8 [1,000]	6 99 02 180 60 0

Accessories GRIT GIC

Tube cleaning unit

for a clean and dry working environment. The cooling water is wiped from the pipe surface without scratching the pipe. For pipes from 3/8 to 5 in (10 to 130 mm) diameter. Easy attachment to the GRIT GIC.



Order number 6 99 02 000 14 6

Hole template

For attachment to GI 75 / GI 75 2H belt grinders prior to the 1034026 series. For retrofitting tapping holes on the specified belt grinders.

Order number 3 90 00 004 55 4

Guide rail, brass

for dry grinding and rough material surfaces.



Order number 3 90 00 000 49 6

Guide rail, nylon

for high surface quality.



Order number 3 90 00 000 49 7

Cooling emulsion

Concentrated, 2.6 gal (10 l), mix ratio 1:30, makes 79 gal (300 l) ready coolant.

Order number 6 99 02 100 00 0

Additional accessories GRIT GI

Flexible hose

for chip removal, 3 9/16 in (90 mm) dia., 3.3 ft (1 m) long, steel, highly heat resistant.



Order number 3 90 00 000 00 2

Hose clamp

for flexible hose attachment.

Order number 3 90 00 000 00 3

Collection container

Collection container for grinding dust, plastic, approx. 16 x 12 x 11 in (400 x 300 x 285 mm), can also be used as a water container for spark quenching, capacity approx. 5.2 gal (20 l).



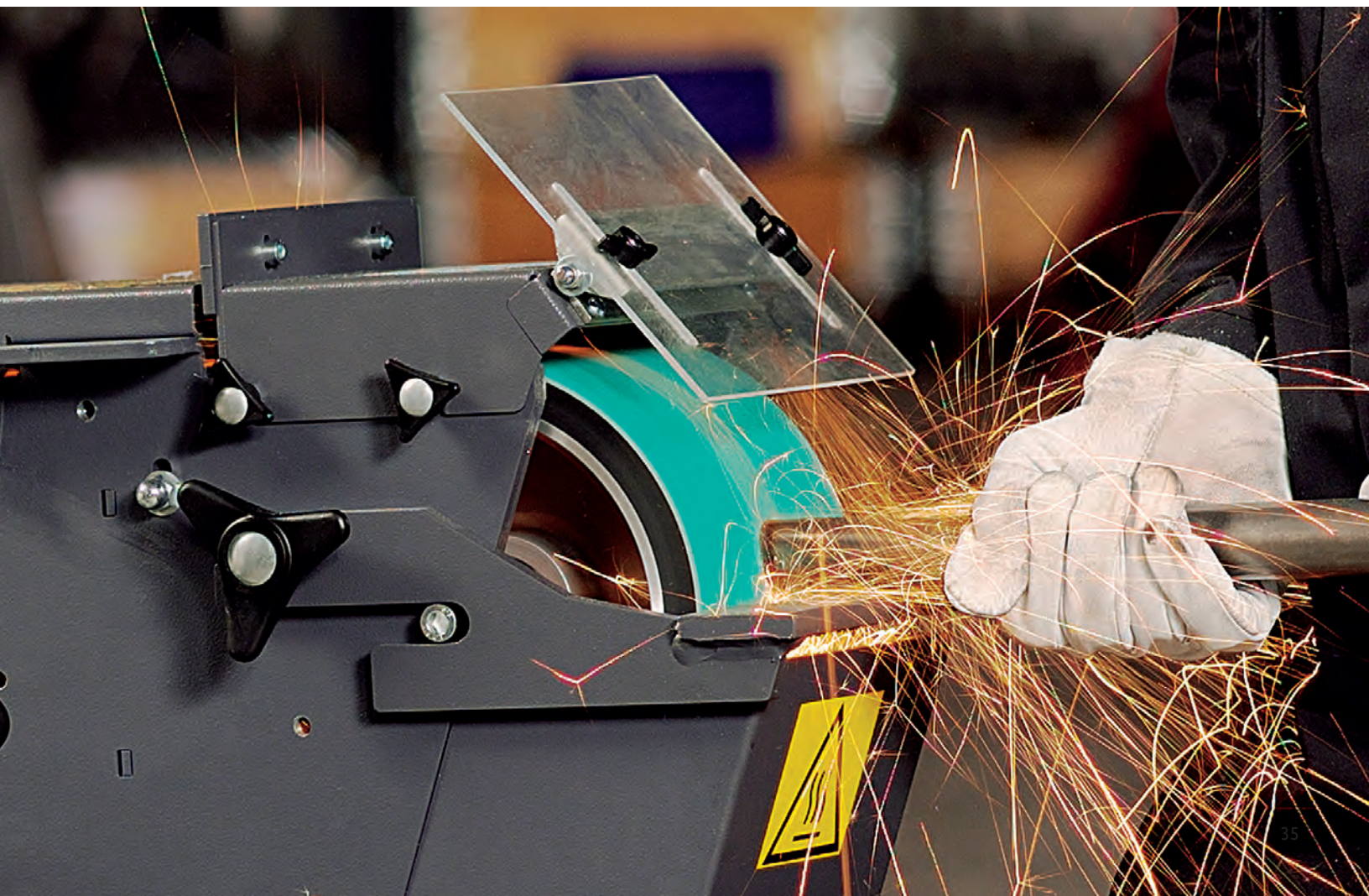
Order number 3 90 00 000 48 5

Collection container

with metal cover for hose connection.



Order number 6 99 02 000 00 0





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