

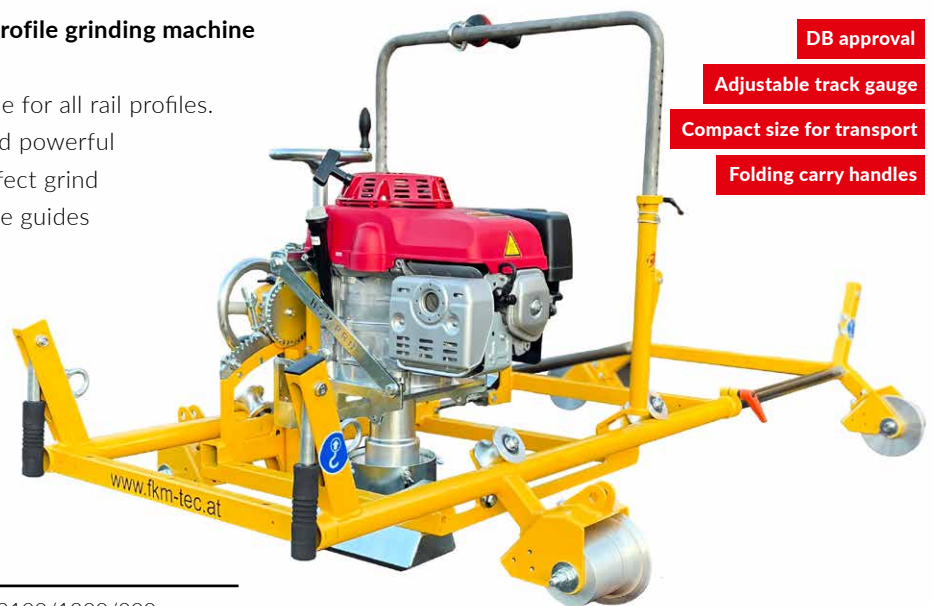
FKM

HSM PRO

RAIL HEAD PROFILE GRINDING MACHINE

The popular HSM Pro rail head profile grinding machine has every feature you need

The HSM Pro from FKM is suitable for all rail profiles. With its torsionally rigid frame and powerful 4-stroke engine, it achieves a perfect grind with high material removal. Precise guides ensure low vibrations and user-friendly operation.



DB approval

Adjustable track gauge

Compact size for transport

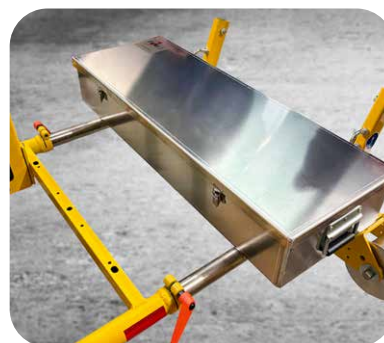
Folding carry handles

TECHNICAL DATA

Length/width/height	2100/1200/900 mm
Transport length	1510 mm
Track gauge	From 900 mm to 1450 mm
Cup wheel size	Ø 125 / Ø 150
Weight with aluminum wheels	131 kg
Engine	Honda GXV 390
Power	7.6 kW
Swivel range	-40 / +20 degrees (Y-32/Y+27)

OPTIONS

- > Stainless steel shelf for tools and accessories
- > Additional weights for higher grinding performance (2 x 14 kg)
- > LED spotlight
- > Ribbed extension arm
- > Aluminum toolbox



FKM WXM-L LIGHTWEIGHT DEBURRING MACHINE

Grinder for removing burrs and double skin.

Compatible with flat-bottomed and grooved rails,
for regrounding grooves, deburring running edges and
removing double skin.

DB approval

ADVANTAGES

- > LED lighting
- > Ribbed belt drive
- > Frame disassembles
- > Adjustable track gauge
- > Insulated aluminum wheels
- > Saves transport space

OPTIONS

- > Rail wheels for grooved rails
- > Optional electric motor



TECHNICAL DATA	GX200	GX270
Length / width / height	2.050/1.400 mm / 1.210 mm / 880 mm	2.050/1.400 mm / 1.210 mm / 880 mm
Total weight	98 kg	109 kg
Swivel range	+/- 35°	+/- 35°
Motor	Honda GX200 4,3 KW	Honda GX270 6,3 KW
Maximum abrasive disc size	250x32x25 mm	250x32x25 mm
Abrasive disc speed	3600 U/min	3600 U/min



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RG1

RAIL GRINDER

DB approval

High performance & simple operation

Swappable RG1/RG2 grinding
modules on base frame

Hand-guided rotating grinding method for the entire rail head

The RG1 rail grinder module can be used for the following work: high-performance grinding with surface grinding wheels; grinding new rails for tracks, switches and expansion joints; grinding surface flaws such as head checks, squats and corrugation up to a depth of 1.5 mm; deburring of double skin in the area of tracks and switches.

ADVANTAGES

- > Travel drive with fast installation
- > Fuel canister with quick replace system
- > Modular design
- > Fast setup / take-down
- > Rubber wheels for simple transport
- > Very high grinding performance
- > Lighting
- > Tool cabinet for all necessary tools

OPTIONS

- > Large generator
- > All-round lighting, horn
- > Switchable side lamps
- > Fire extinguisher 1 - 2 kg



TECHNICAL DATA

Length/width/height	2135/1166/967 mm
Weight	Approx. 450 kg, depending on options
4-stroke engine	690 cm ³ / 16.5 kW
Abrasive disc	To Ø 250 mm / to 60 mm width
Grinding shaft	5x bearings
Track gauge	1435 mm / adjustable
Swivel range	+/- 2 degrees fine adjustment
Tank volume	20 l



FKM RG2 CORRUGATION GRINDING MACHINE

For reprofiling rails

The RG2 is designed for grinding new rails in the area of expansion joints, switches and tracks as well as for grinding surface flaws such as head checks or squats up to a depth of 1.5 mm. Additional strengths of this all-rounder include the grinding of rail corrugation and deburring up to -40° (about Y-32).

ADVANTAGES

- > Travel drive with fast installation
- > Fuel canister with quick replace system
- > Modular design
- > Fast setup / take-down
- > GRubber wheels for simple transport
- > Very high grinding performance
- > Lighting
- > Tool cabinet for all necessary tools

OPTIONS

- > Large generator
- > All-round lighting, horn
- > Switchable side lamps
- > Fire extinguisher 1 - 2 kg

- DB approval
- High performance & simple operation
- Swappable RG1/RG2 grinding modules on base frame
- 2 grinding shafts
- Rapid restoration of the rail profile



TECHNICAL DATA

Length/width/height	2135/1166/967 mm
Weight	Approx. 450 kg, depending on options
4-stroke engine	690 cm³ / 16.5 kW
Cup wheels	To Ø 150 mm / to 100 mm height
Grinding shafts	2 shafts with 5x bearings
Track gauge	1435 mm / adjustable
Swivel range	-40 / +20 degrees (Y-32/Y+27)
Tank volume	20 l



FKM SBL/SBL light GROOVED RAIL GRINDER

For grinding and finishing grooved rails

Choose from a wide range of options to customize the SBL and SBL light to your requirements. From solid rubber tires to LED lighting and accessory power sockets: We have thought of everything for you.

ADVANTAGES

- > Profiling of the rail head
- > Easy operation
- > Can be pushed on the road
- > Lighting and accessory power sockets

OPTIONS

- > Bevel gears for deburring and grinding the groove bottom
- > Frequency converter for speed optimization
- > Additional weight

TECHNICAL DATA

Length/width/height	1000/700/1150 mm
Weight	110 - 135 kg
Arm	1600 mm
Drive	Electric motor 3 x 400 V
Power	3.5 - 7.5 kW



Available with FC

LED lighting

Solid rubber tires



FKM WSB LIGHT RAIL JOINT GRINDER

Light grinder for profile grinding, especially in urban tram systems

The WSB light rail joint grinder is designed for precise finish grinding of the weld joints and running edge up to an angle of 35 degrees. The electric motor ensures low noise, which is especially appreciated in urban areas.

Simple operation

Low-noise

Environmentally friendly

ADVANTAGES

- > Rollers for transport
- > Electrically driven grinding spindle
- > Grinding spindle with multiple bearings
- > Precise guides
- > Optional: LED work light

TECHNICAL DATA

Length	1050 mm
Width	622 mm
Width with arm	1280 mm
Height	1100 mm
Weight	Approx. 83 kg
Motor power	3.5 kW
Elect. connection	16 A, 5-pole
Angle	-35° / 20°
Cup wheel	Ø 80 mm left-hand thread
Cup wheel speed	5,800 rpm

