

METAL HORNET

MP12 RANGE OF RAIL PROFILE GRINDERS



*The most powerful range
of tilting rail profile grinders
on the market*



*Simple, precise grinding
High-performance Honda engines
Working comfort*

HORNET
PORTABLE TECHNOLOGIES

GEISMAR

Your benefits

- Precision grinding of rails after welding thanks to the handwheel adjusting the depth of cut
- Comfort of use through reduced vibration < 5 m.s⁻²
- Optimised working time thanks to the new quick-change wheel system
- Multi-network tool compatible with a large number of rails (Vignole, rut, overhead cranes, etc.)

Engine advantage: MP12-270 and MP12-200

- Lightweight Honda 4-stroke engine
- Low maintenance thanks to the reliability of the Honda engine
- Filtration effectively protects the engine components
- Engine from Honda's **professional** range (GX) with cast iron casing and ball-bearing crankshaft

Key features

MP12-270



MP12-200



MP12-E



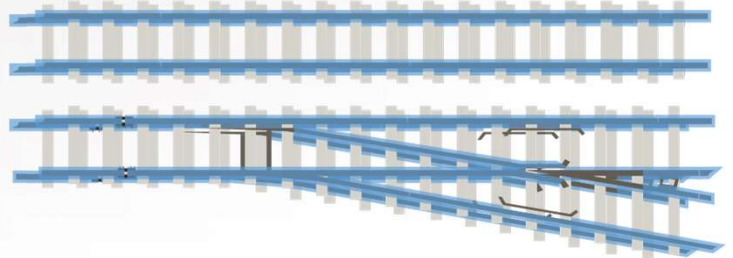
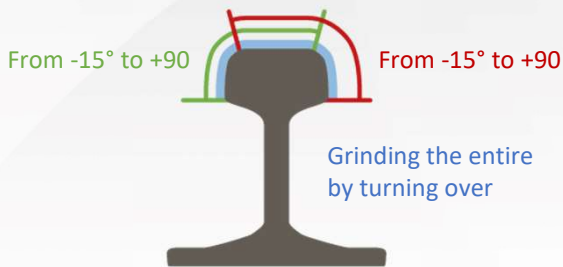
BARRACUDA
(MP12 Activion)






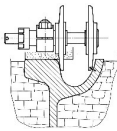


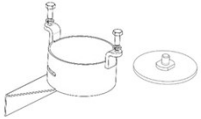
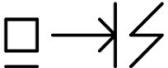
	Code	ST471A17	ST473A01	ST471E08	N07880
Engine		Honda GX270	Honda GX200	Leroy-Somer LS100 400 V* Three-phase 50 Hz	activion
Engine technology		4-stroke petrol - cast iron lined		Asynchronous electric	Brushless electric
Power		6.3 kW (8.4 bhp)	<ul style="list-style-type: none"> • Net power (SAE J1349) = 4.6 kW (5.3 bhp) • Gross power (SAE J1995) = 5 kW (6.7 bhp) 	3 kW	6.3 kW (8.4 bhp)
Weight		69 kg	60 kg	76 kg	70 + 10 kg battery
Fuel tank capacity		3,5 L		-	-
Tilt to either side		From -15° to +90			
Dimensions (L x W x H)		1,120 x 720 x 900 mm		1,120 x 590 x 900 mm	1,120 x 770 x 900 mm
Engine speed		3,000 rpm	3 600 rpm	2,850 rpm	3,600 rpm
Grinding wheel					
Diameter:				150 mm	
Height:				72 mm	
Race:				62 mm	
Grinding wheel holder		4 holes as standard - (other sizes available as accessories)			
Timer & lap counter		-	-	-	-
Vibration level		4.5 m.s ⁻²	3.7 m.s ⁻²	2.3 m.s ⁻²	< 2 m.s ⁻²

* The motor alone is multi-voltage 230D / 380Y / 400Y / 415Y-460 / 480Y but the starter box supplied as standard with the machine is only 380 / 400V compatible. For other voltages, please contact us.




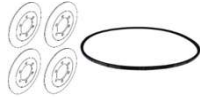


Grinding zones



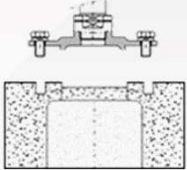
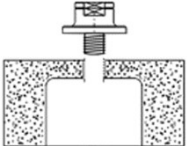
Accessories compatible with all versions

	Code
Ergonomic turning system 	STE37000PQ
Grinding device for corrugation 	STE47102
Adapter for large rails (bridge crane) 	STK37000-1
Adapter for grooved rail Suitable for Ø 80 mm grinding wheel N00731 	STK37000-3
Power take-off for handheld wheel holder 	STK37000QS
Adjustable track balancing bar from 1,000 to 1,435 mm + brake 	N07875
Cover and grinding wheel holder kit for Ø 125 mm grinding wheel N06554 	STK37000-2
Insulation kit of support rollers and guide rollers 	STK37000RW

Specific accessories



	Code
For MP12-270	
6-month maintenance kit SMARTPACK	KEMP12GX2706M
1-year maintenance kit SMARTPACK	KEMP12GX2701A
Wear kit LIFE+PACK	KUMP12-01
LED lighting kit to fit 	STK37000RT
For MP12-200	
1-year maintenance kit SMARTPACK	KEMP12GX2001A
Wear kit LIFE+PACK	KUMP12-01
LED lighting kit to fit 	STK37000RU
For MP12-E	
Socket to connect on machine + 6 m cable 	STE12000KZ
For use at 60 Hz, add to accessories 4 x pulley cheek 1 x strap 	4 x 37120A 1 x BKY
For Barracuda (MP12 Activion)	
Activion battery 	N07839
220 / 240 V charger 110 V charger 	N08042 N08043

Grinding wheels and holders

Grinding tip or grinding plate		Ref.	Grinding wheel	
			Dimensions	Ref.
	4-hole grinding disc <i>(as original equipment)</i>	N07640	Ø 150 x 72 mm	N00734
			Ø 125 x 60 mm	N00733
	6-hole grinding disc M8	37006	Ø 150 x 65 mm	N00738
	5/8" grinding bit	16356	Ø 150 x 65 mm	N00737
			Ø 80 x 72 mm	N00731
	Grinding wheel holder M20	16356 A		
	Grinding disc Ø 125 - M20	16356 C	Ø 125 x 65 mm	N06554
	Kit for changing from a Ø 150 grinding wheel to a Ø 125 M20 grinding wheel	STK37000-2		

Accessories for use with PTO - STK37000QS

Code	Type of hose	Length
STA16300A	Without clutch	3 m
STA16300G	With clutch <i>Mandatory for CE machines fitted with PTO</i>	4 m

Grindstone holder		Grinding wheel	
Type	Ref.	Dimensions	Ref.
Straight grinding wheel holder for grinding the frogs, and rail ends	 STA600W	230 x 20 x 16 mm	N00742
Angle grinder holder, for grinding welds	 STA600X	230 x 6.4 x 22.2 mm	N00730

