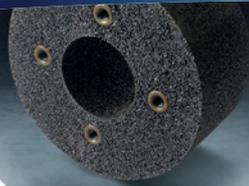




GEISMAR®

TOOLS, EQUIPMENT & CONSUMABLES FOR TRACK WORKS



SUMMARY

1 - Hand tools

OMV

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ACM

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*TOOLS, EQUIPMENT & CONSUMABLES
FOR TRACK WORKS*

1 - Hand tools

- Hand wrenches
- Augers brace
- Rail slewing & swivelling bars
- Rail & sleeper tongs
- Ballast forks/Ballast ploughs
- Ballast shovels
- Picks
- Adzing howels
- Hammers
- Handles
- Saws/Blades
- Brooms



1 HAND TOOLS

Wrenches >

OMV 116 | Socket T-wrench

- For coachscrew and clipbolt tightening and untightening
- Made from carbon steel, hardened head

Height	T-handle length	Mass
700 mm	600 mm	≈ 5 kg

> For square headed coachscrews

Code	Dimensions
N05193	16 mm
N00145	20 mm
N00146	21 mm
N00147	23 mm
N00148	27 mm

> For rectangular headed coachscrews

Code	Dimensions
N00149	21 x 28 mm - S49
N04786	24 x 28 mm



> For clipbolts with hexagonal nuts

Code	Dimensions	
N00152	30 mm	across flats
N00153	32 mm	
N00154	33 mm	
N00155	34 mm	
N00156	35 mm	
N00157	36 mm	
N00158	38 mm	
N00159	39 mm	
N00161	41 mm	
N00162	42 mm	

For other dimensions and models, please apply to us

OMV 128 | Fishbolt ratchet wrench

- For fishbolt tightening
- With two arms
- To be used with removable sockets for hexagonal nuts

Code	Mass
N00274	8.5 kg without socket

> Sockets

See sockets for coachscrewing machines, hexagonal head, pin fastening

page 18



1 HAND TOOLS *(continued)*

Wrenches >

OMV 155 | Adjustable wrench



> Straight handle

Code	Head characteristics	Length	Opening	Mass
N00275	For bolts, nuts, square and hexagonal coachscrews	450 mm	55 mm	2 kg

OMV 117 | Single end fishbolt wrench

- For tightening and untightening of fishbolts (with hexagonal nuts)
- Made from carbon steel, hardened head

> Short model: length 350 mm

- Mass : \approx 1.5 kg
- With conical end to facilitate centering of fishbolt holes with rail holes

Code	Dimensions	
N00163	30 mm	Across flats
N00164	32 mm	
N00165	34 mm	
N00166	35 mm	
N00168	40 mm	
N00169	42 mm	
N00170	43 mm	



> Long model: length 600 mm

- Mass: \approx 2 kg

Code	Dimensions	
N00175	27 mm	Across flats
N00177	32 mm	
N00179	35 mm	
N00180	36 mm	
N00181	38 mm	
N02505	39 mm	
N00182	40 mm	
N00183	42 mm	
N00184	44 mm	
N04193	46 mm	



For other dimensions and models, please apply to us

1 HAND TOOLS *(continued)*

Auger brace, Rail slewing & swivelling >

OMV 124 | Auger brace

- Square shank
- Made from steel with ashwood handle

Code	Mass
N01776	3 kg



OMV 112 | Slewing bars

> Slewing bar with ball & point ends



> Slewing bar with point & chisel ends



> Slewing bar with point ends



Code	Characteristics	Length	Mass
N00977	Slewing bar with ball and point ends	1,800 m	14 kg
N00979	Slewing bar with point and chisel ends	1,500 m	8 kg
N00983	Slewing bar with point ends		5.5 kg

OMV 113 | Pinch-bar

> Pinch-bar with light duty



Code	Characteristics	Length	Mass
N00980	Light duty		7.3 kg

1 HAND TOOLS *(continued)*

Rail slewing & swivelling >

OMV 114 | Swivelling bar



Code	Length	Mass
N00975	1,000 mm	5.8 kg

OMV 115 | Rail turning bar



Code	Length	Mass
N00974	1,010 mm	6.2 kg

OMV 100 | Pinch bar clamp

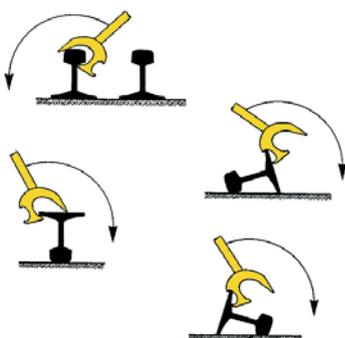


Code	Length	Mass
N04777	1,500 mm	7.3 kg

OMV 119 | Universal rail turner

- Ends made from high-tensile forged steel

Code	Length	Mass
H96566	1,600 mm	6.8 kg



1 HAND TOOLS (continued)

Rail & sleeper tongs >

OMV 120 | Rail carrying tongs

- Hardened jaws

Code	Characteristics	Mass
N01743	For flat bottom rails	9.5 kg



Code	Characteristics	Mass
H01744	For grooved rails	10.3 kg



Sleeper carrying tong

- Hardened jaws

OMV 121

Code	Characteristics	Mass
N01746	For concrete sleepers	9.5 kg



OMV 122

Code	Characteristics	Mass
N01745	For wooden sleepers	5.5 kg



1 HAND TOOLS *(continued)*

Ballast forks / ballast ploughs >

OMV 111 | Ballast fork with 9 prongs

- Made from steel, hardened prongs
- Socket type

Code	Ø	Mass
N02726	Round eye 40 mm	1.8 kg



OMV 172 | Curved ashwood handle

- For ballast fork and rimmed ballast shovel



Code	Ø	Length	Mass
N00722	Round eye 40 mm	1,350 mm	0.70 kg

OMV 118 | Ballast plough with 5 prongs

- Forged steel mounting
- Made from steel, 5 hardened prongs. With chain

Code	Mass
N01899	8.3 kg



OMV 173 | Straight ashwood plough handle



Code	Length	Mass
N00724	1,350 mm	1 kg

1 HAND TOOLS *(continued)*

Ballast shovels >

OMV 109 | Ballast shovel, swan neck type

- High tensile steel, hardened round mouth
- Thickness: 18/10th mm

Code	Ø	Dimensions	Mass
N00969	Round eye 40 mm	29 x 29 cm	1.1 kg



OMV 171 | Straight ashwood shovel handle

- For swan neck ballast shovel



Code	Ø	Length	Mass
N00721	Round eye 40 mm	1,100 mm	0.70 kg

OMV 110 | Ballast shovel, rimmed type

- High tensile steel, hardened round mouth
- Thickness: 18/10th mm

Code	Ø	Dimensions	Mass
N00967	Round eye 40 mm	28 x 30 cm	1.3 kg



OMV 172 | Curved ashwood handle

- For ballast fork and rimmed ballast shovel



Code	Ø	Length	Mass
N00722	Round eye 40 mm	1,350 mm	0.70 kg

1 HAND TOOLS *(continued)*

Picks >

OMV 105 | Ballaster's pickaxe, pick and chisel ends

Code	Ø	Length	Mass
N00994	Round eye 50 mm	700 mm	4 kg



Tamping pick

OMV 106 | Beater and laurel leaf

Code	Ø	Length	Mass
N00995	Round eye 50 mm	600 mm	3.8 kg



OMV 107 | Beater and pick

Code	Ø	Length	Mass
N00997	Oval eye 64 x 40 mm	560 mm	3 kg



OMV 108 | Double pickaxe

Code	Ø	Length	Mass
N00996	Round eye 50 mm	800 mm	4 kg



Pick and laurel leaf

Code	Ø	Length	Mass
N04755	Oval eye 50 mm	710 mm	4.3 kg



OMV 177 | Ashwood pickaxe handle



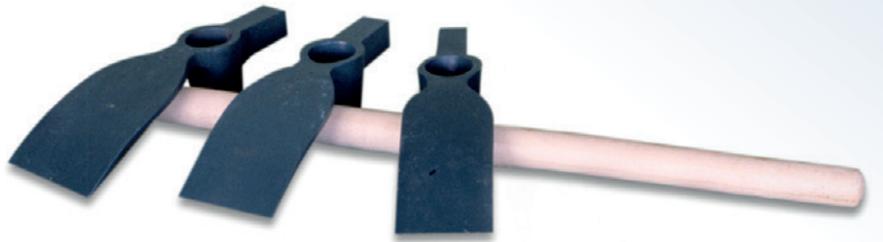
Code	Characteristics	Length	Mass
N00719	Round ashwood handle Ø 50 mm for tamping pick (N00994 N00995, N00996, N04755)	900 mm	0,60 kg
N00720	Oval ashwood handle 64x46 mm for tamping pick (N00997)	1,000 mm	0,90 kg

1 HAND TOOLS *(continued)*

Adzing howels >

OMV 103 | Adzing howels

- Made from carbon steel
- Hardened adzing edge
- Without handle



Code	Characteristics	Ø	Mass
N00400	One adzing edge 60 mm wide on one end	Round eye 40 mm	1.6 kg
N00401	One adzing edge 80 mm wide on one end		
N00402	One adzing edge 100 mm wide on one end		



Code	Characteristics	With straight handle	Mass
N06369	One adzing edge 105 mm wide on one end - One square face on the other end	700 mm	3.6 kg

OMV 176 | Ashwood adzing howel handle



Code	Ø	avec manche droit	Mass
N00723	Round eye 40 mm	700 mm	0.60 kg

ALL OUR PICKAXES AND ADZING HOWELS ARE MADE FROM SPECIAL CARBON STEEL

1 HAND TOOLS *(continued)*

Hammers >

OMV 101 | Sledge hammer, double head

- Made from special carbon steel
- Oval eye

Code	Mass
N00699	≈ 5 kg



OMV 102 | Rail chisel

- Made from special carbon steel
- hardened face and chisel
- Oval eye

Code	Mass
N01747	≈ 1.9 kg



OMV 104 | Hammer for driving keys

- Made from special carbon steel
- Oval eye

Code	Mass
N00276	≈ 3.5 kg



OMV 174 | Hickory handle for sledge hammer or hammer for driving keys

- Oval eye



Code	Characteristics	Length	Mass
N00717	Straight hickory handle for sledge hammer or hammer for driving keys	1,000 mm	0.85 kg
N00718	Ashwood handle for rail chisel		

OMV 164 | Mallet for C.W.R. destressing

- Cast steel support
- Fitted with hickory handle
- High impact strength plastic interchangeable face ends

Code	Mass
N00708	≈ 4.6 kg



- Hickory handle for mallet

Code	Mass
N03967	1 kg

- Interchangeable plastic face

Code	Mass
N03704	0.5 kg



1 HAND TOOLS *(continued)*

Saws/Blades >

OMV 126 | Bow hand saw

- Steel bow – Wooden handle
- Fitted with a 500 mm long blade
6 teeth per cm

Code	Mass
N01139	≈ 3.6 kg



ACM 141 | Rail saw blade

- Made of high-speed steel (HSS)



Code	Particularities	Length	Width	Thickness
N01154	6 teeth per cm	500 mm	16 mm	0.8 mm

OMV 165 | Sleeper adzing saw 2 handles

Code	Mass
N01140	≈ 1.1 kg



ACM 141 | Blade for sleeper adzing saw

- Made of high-speed steel (HSS)



Code	Particularities	Length
N01155	6 teeth per cm	350 mm

1 HAND TOOLS *(continued)*

Saws/Blades / Snow room >

OMV 166 | Metal frame sleeper saw

Code	Mass
N01141	≈ 0.9 kg



ACM 141 | Blade for sleeper saw

- Made of high-speed steel (HSS)



Code	Particularities	Length
N01143	6 teeth per cm	750 mm

OMV 146 | Saw machine blades



Code	Dimensions	Particularities
N01147	350 x 30 x 1.50 mm	High speed steel (HSS), 4 teeth per cm
N01148	400 x 30 x 1.50 mm	
N01149	450 x 30 x 1.50 mm	

OMV 123 | Snow broom

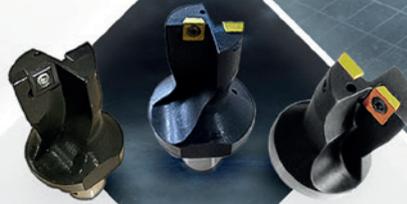
Code	Characteristics
N01904	Round eye



OMV 179 | Snow broom handle



Code	Ø	Length	Mass
N03218	Round eye 25 mm	1,300 mm	0.29 kg



*TOOLS, EQUIPMENT & CONSUMABLES
FOR TRACK WORKS*

2 - Accessories & consumables

- Sockets for coachscrewing & fishbolt fastening machines
- Machine augers & reamers
- Drill bits
- Grindstones/Abrasive cutting discs
- Vibratory blades & tips



2 ACCESSORIES & CONSUMABLES

ACM 150 | Socket for coachscrewing & fishbolt fastening machines

Square drive 23 mm

- Made of case-hardened and tempered nickel chrome steel alloy
- Mixed fastening, BSR8 special fastening
- Ball fastening device to be fitted on the coachscrewing machine, for socket quick fastening

> 4 sided sockets for square coachscrews or nuts

Code	Dimensions	Length	Fastening
N00084	19 mm	80 mm	Mixed
N00085	20 mm		
N00086	21 mm		
N03975	22 mm		
N00087	23 mm		
N03871	24 mm		
N00088	27 mm		



> 6 sided sockets for hexagonal nut bolts

Code	Dimensions	Length	Fastening
N06765	25.4 mm (1")	80 mm	Mixed
N00092	30 mm		
N03721	32 mm		
N00093	33 mm		
N00094	34 mm		
N00096	36 mm		
N00097	37 mm		
N00098	38 mm		
N00099	39 mm		
N00100	40 mm		
N00101	41 mm		
N00102	42 mm		
N00103	44 mm		
N03799	50 mm		



> Octagonal sockets for square coachscrews or square nut bolts

Code	Dimensions	Length	Fastening
N04277	7/8" (23 mm)	80 mm	Mixed
N04776	1" 1/8 (28.57 mm)		
N04741	1" 11/16 (42.86 mm)	85 mm	



2 ACCESSORIES & CONSUMABLES *(continued)*

Sockets >

> Sockets for rectangular coachscrews

Code	Dimensions	Length	Fastening
N02411	20 x 24 mm	80 mm	Mixed
N00089	21 x 28 mm, S49		
N02731	21 x 28 mm		
N01970	22 x 30 mm, S50		
N04698	24 x 28 mm		



> Sockets for square coachscrews S.L

Code	Dimensions	Length	Fastening
N03921	23 mm	100 mm	Mixed
N04717	27 mm	140 mm	



> Sockets for square coachscrews D.C

Code	Dimensions	Length	Fastening
N03920	18 mm	80 mm	Mixed
N04593	20 mm	105 mm	



> Hexagonal sockets S.L for nuts

Code	Dimensions	Length	Fastening
N04204	35 mm	100 mm	Mixed
N00106	36 mm	110 mm	
N03836	38 mm	130 mm	
N04202	39 mm	170 mm	



> Special socket for coachscrewing machine

Code	Dimensions	Length	Fastening
N04266	38 mm	120 mm	Mixed



> Octagonal bolts for BSR 8

Code	Dimensions	Length	Fastening
N00115	1" (25.4 mm)	80 mm	Mixed
N00120	1" 1/2 (38.10 mm)		
N00122	1" 5/8 (41.27 mm)		
N00123	1" 11/16 (42.86 mm)	88 mm	
N00124	1" 3/4 (44.45 mm)		
N00125	1" 13/16 (46.03 mm)	95 mm	BSR 8 special fastening
N00126	1" 15/16 (49.21 mm)		



ACM 151 | Sockets for fishbolt fastening machines
square drive 1" (25.4 mm)

> Sockets for square coachscrews or nuts

Code	Dimensions
N03829	19 mm
N03472	20 mm
N03478	21 mm
N04477	22 mm
N03485	23 mm
N03471	24 mm
N03480	25 mm
N04691	28.57 mm (1"1/8)
N04868	32 mm
N03479	36 mm
N03481	40 mm



> Sockets for rectangular coachscrews

Code	Dimensions
N04628	19 x 26 mm
N02776	21 x 28 mm
N06497	22 x 30 mm



> 6 sided sockets

Code	Dimensions
N04238	27 mm
N04866	32 mm
N03483	35 mm
N04360	36 mm
N03484	38 mm
N03850	39 mm
N03486	40 mm
N04478	41 mm
N03487	42 mm
N03482	43 mm



> Reducer sleeve from 1" to 23 mm

- For using coachscrewing sockets on impact wrench

Code
N02821

2 ACCESSORIES & CONSUMABLES *(continued)*

Machine augers & reamers >

Machine augers and reamers for sleeper drilling machines

- For wooden sleeper drilling
- Made from hardened carbon steel for use on worksite machines

> Cylindrical augers, graffenstaden shank

ACM 132 | Single flute

Code	Ø	Length
N00760	14 mm	300 mm
N00761	15 mm	
N00762	16 mm	
N00763	17 mm	
N00764	17.5 mm	
N00765	18 mm	
N00766	19 mm	
N00767	20 mm	
N03880	21 mm	
N00768	22 mm	
N02782	23 mm	
N00769	25 mm	



ACM 133 | Double flute

Code	Ø	Length
N00818	12 mm	300 mm
N00819	13 mm	
N00820	14 mm	
N02899	15 mm	
N00821	16 mm	
N02729	17 mm	
N00822	17.5 mm	
N00823	18 mm	
N00824	19 mm	
N00826	20 mm	



> Single flute auger cylindrical shank

Code	Ø	Longueur
N03951	18 mm	325 mm



> Single flute auger with meplat, 1/2" shank

Code	Ø	Longueur
N03571	9/16" (14.28 mm)	300 mm
N03318	18 mm	
N03317	3/4" (19.04 mm)	



> Reamed augers, graffenstaden shank

ACM 134 | Single flute

Code	Ø	Length
N00772	14/18 mm	265 mm
N03687	14/20 mm	
N00774	14/22 mm	
N00775	16/20 mm	
N00776	16/22 mm	
N00777	18/22 mm	
N01988	17/23 mm	
N00779	18/25 mm	



ACM 135 | Double flute

Code	Ø	Length
N00831	14/18 mm	265 mm
N00833	16/20 mm	
N00834	16/22 mm	
N00835	18/22 mm	



ACM 143 | Truncated reamer, graffenstaden shank

Code	Ø	Length
N00865	16/23 mm	190 mm
N00866	18/25 mm	



2 ACCESSORIES & CONSUMABLES *(continued)*

Drill bits >

ACM 145 | Drill bits for rail drilling (for PR3, PR7S, PR7, PR8S et PR8)

> High speed steel (HSS)

Code	Ø	Particularities	Length	Code	Ø	Particularities	Length		
N00332	23 mm	MT.3 shank	226 mm	N00343	19,05 mm (3/4")	MT.3 shank	226 mm		
N00333	24 mm			N00344	22,22 mm (7/8")				
N00334	25 mm			N00346	25,40 mm (1")				
N00335	26 mm			N00347	26,99 mm (1" 1/16)				
N00336	28 mm			N00348	28,57 mm (1" 1/8)				
N00337	29 mm			N00349	30,16 mm (1" 3/16)				
N00338	30 mm			N00350	31,75 mm (1" 1/4)				
N00340	32 mm			N00351	34,92 mm (1" 3/8)				
N00341	33 mm			N01954	38,09 mm (1" 1/2)			MT.4 shank	265 mm
N04242	34 mm								
N00342	35 mm								
N04623	36 mm								
N03827	36 mm			MT.4 shank	270 mm				



> Cobalt steel (HSS-E)

Code	Ø	Particularities	Length
N01966	20 mm	MT.3 shank	226 mm
N00353	23 mm		
N00354	24 mm		
N00356	26 mm		
N00357	28 mm		
N00358	30 mm		
N00359	32 mm		
N00360	33 mm		



ACM 152 | Reducer sleeve for morse tapered shank and drill bit extension piece

Code	Particularities	
N00363	Reducer sleeve for Morse tapered shank	MT.3/MT.2
N00365		MT.4/MT.3
N00366	Drill bit extension piece	MT.3/MT.3



ACM 147 | Carbide bits holder for rail drilling machines type PRUL and PRH2

Comprising:

- Two 4-way carbide plates
- 2 fastening screws
- 1 gasket
- 1 tightening wrench with PiniDrive 1" (25.4 mm) spindle

Code	Ø
N04418	19 mm
N04552	20 mm
N05331	21 mm
N04419	22 mm
N04420	23 mm
N04421	24 mm
N04922	25 mm
N04924	26 mm
N04926	27 mm
N04928	28 mm

Code	Ø
N04930	29 mm
N04931	30 mm
N04933	31 mm
N04935	32 mm
N04936	33 mm
N04938	34 mm
N04940	35 mm
N07046	36 mm
N04442	38.1 mm (1"1/2)



Carbide bits holder for rail drilling machines type PRUL and PRH2

- Without two 4-way carbide plates
- With PiniDrive 1" (25.4 mm) spindle

Code	Ø
N04817	25.4 mm (1")
N04816	26.99 mm (1"1/16)
N04815	28.58 mm (1"1/8)
N04814	30.16 mm (1"3/16)
N04813	31.75 mm (1"1/4)
N04812	33.34 mm (1"5/16)



> **Carbide plate for PRUL and PRH2**

Code	Ø
N04705	14 to 18 mm
N04354	19 to 24 mm
N04821	25 to 36 mm
N04486	37 to 38.1 mm



2 ACCESSORIES & CONSUMABLES *(continued)*

Drill bits >

Carbide bits holder for rail drilling machines type PRZ

Comprising:

- Two 4-way carbide plates
- 2 fastening screws
- 1 gasket
- 1 tightening wrench with Weldon $\frac{3}{4}$ " (19.05 mm) spindle



Code	Ø
N06178	14 mm
N06179	16 mm
N06180	17 mm
N06181	17.46 mm (11/16")
N06182	18 mm
N06183	19 mm
N06184	20 mm
N06185	20.63 mm (13/16")
N06186	21 mm
N06187	22 mm

Code	Ø
N06188	22.23 mm (7/8")
N06189	23 mm
N06190	24 mm
N06191	25 mm
N06192	25.4 mm (1")
N06193	26 mm
N06194	26.99 mm (1"1/16)
N06195	27 mm
N06196	27.5 mm
N06160	28 mm

Code	Ø
N06162	29 mm
N06164	30 mm
N06166	31 mm
N06168	32 mm
N06169	33 mm
N06171	34 mm
N06174	35 mm
N06175	36 mm
N06176	38.1 mm (1"1/2)

> Carbide plate for PRZ

Code	Ø
N04705	14 to 18 mm
N04354	19 to 24 mm
N06159	25 to 36 mm
N06256	37 to 38.1 mm



ACM 148 | Hollow drill bit for rail drilling machine type PR1 and PR2

- With Ø 19.05 mm Weldon shank

Code	Ø
N06144	19 mm
N06152	20 mm
N06145	22 mm
N06153	23 mm
N06146	24 mm
N06154	25 mm
N06147	26 mm
N06155	28 mm

Code	Ø
N06148	29 mm
N06156	30 mm
N06431	31 mm
N06149	32 mm
N06157	33 mm
N06252	34 mm
N06142	36 mm
N06150	38.09 mm (1"1/2)



ACM 181 | Flat grinding wheel type 1

- For straight tool-holder (EMM / EMP)

Code	Dimensions	Particularities
N04493	Ø 150 x 25 x 16 mm	GMSL
N00741	Ø 200 x 25 x 18 mm	EMM / EMP
N00742	Ø 230 x 20 x 16 mm	

For other dimensions and models, please apply to us


ACM 182 | Depressed centre grindstone type 27 reinforced

- For gap slotting machine (MJ 18) and portable grinder (PHG 2)
- For right angle tool-holder (EMX / EMM / EMP)

Code	Dimensions	Particularities
N00728	Ø 230 x 3.2 x 22.2 mm	PHG2 / MJ18
N00729	Ø 230 x 4.8 x 22.2 mm	
N00730	Ø 230 x 6.4 x 22.2 mm	PHG2 / MJ18 and EMX / EMM / EMP
N03929	Ø 150 x 3 x 22.2 mm	PHG1 or GMSL
N03476	Ø 150 x 6 x 22.2 mm	

For other dimensions and models, please apply to us


ACM 183 | Straight cup grindstone type 6

- For rail profile grinding machine (models MP5 / MP6 / MP12) and rail corrugation grinding machine (MOD 12)
- For automatic rail weld grinding machine (MAS150 / MAS150 E)
- For right angle tool-holder (EMX / EMH)

Code	Dimensions	Particularities
N00731	Ø 80 x 72 mm - 5/8" Nut	MP5 / MP12 / MOD12
N00732	Ø 115 x 50 mm - 5/8" Nut	EMX / EMH
N00737	Ø 150 x 65 mm - 5/8" Nut	MP5 / MP12 / MOD12 and EMX
N06554	Ø 125 x 65 mm - M20 nut	MP5 / MP6 / MP12 / MOD12 and EMX

Straight cup grindstone type 6 assembled on steel basin

N02789	Ø 150 x 55 mm - M20 nut	MAS150 / MAS150 E
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For other dimensions and models, please apply to us


ACM 184 | Recessed grinding wheel with countersunk nuts type 36

- For rail profile grinding machine (models MP5 / MP12 / MP23) and rail corrugation grinding machine (MOD 12)
- For right angle tool-holder (EMX)

Code	Dimensions	Particularities
N00734	Ø 150 x 72 mm - 4 M8 holes	MP5 / MP12 / MP23 / MOD12 and EMX
N00738	Ø 150 x 65 mm - 6 M8 holes	

For other dimensions and models, please apply to us



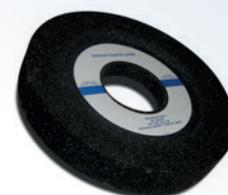
2 ACCESSORIES & CONSUMABLES *(continued)*

Grindstones / Abrasive cutting discs >

ACM 185 | Cup grindstone type 9

- For frog point and check grinding machine (MC2 / MC3)

Code	Dimensions	Particularities
N00740	Ø 254 x 32 x 25.4 mm	Single sided recess
N04248	Ø 254 x 32 x 76.2 mm - with flat profil	Double sided recess
N01952	Ø 254 x 40 x 76.2 mm	



ACM 187 | Special grindstone – grooved rail

- For frog point and check grinding machine (MC2 / MC3 / MLC)

Code	Dimensions	Particularities
N04264	Ø 254 x 32 x 76.2 mm	Double sided recess - With rounded profile



ACM 186 | Special grindstone

Code	Dimensions	Particularities
N00744	Ø 135 x 75 x 25.4 mm	For rail web and fishing table grinder (MS9)
N00746	Ø 135 x 95 x 25.4 mm	



ACM 188 | Abrasive wheel

- To eliminate the rust and the mill scale on rails

Code	Dimensions	Particularities
N03242	Ø 203 x 25.4 x 25,4 mm	For DK3 2 wheels needed per machine
N03474	Ø 150 x 25.4 x 16 mm	For rail grinding machine PHG1 or GMSL



Compact circular brush

Code	Dimensions	Particularities
H123625	Ø 250/100 - 120 mm thickness	For brushing machine BRA32
H123694	Ø 250/100 - 180 mm thickness	



ACM 190 | Abrasive discs for rail cutting

- With textile reinforced armature

Code	Dimensions	Particularities
N00749	Ø 300 x 3.5 x 22.2 mm	For MTX 300 / MTX 40 / MT 40
N00751	Ø 300 x 3.5 x 25.4 mm	
N02420	Ø 350 x 4 x 22.2 mm	For MTX 350 / MTX 45 / MT 45 / MTZ 350
N06036	Ø 350 x 4 x 25.4 mm	
N06050	Ø 400 x 4.5 x 25.4 mm	For MTX 400 / MTX 50 / MTZ 400



ACM 191 | Mounted blades with tip for 70 Hz tamper

- N°358 for ballast stones 40 mm and above

Code	Type
N03621	Right



Code	Composed of
N01852	1 blade
N01860	1 tip
N01876	3 rivets



Code	Type
N03622	Left



Code	Composed of
N01852	1 blade
N01859	1 tip
N01876	3 rivets



2 ACCESSORIES & CONSUMABLES *(continued)*

Vibratory blades & tips >

ACM 191 | Mounted blades with tip for 70 Hz tamper

- N°367 slight lifting in very compact ballast conditions

Code	Type		Code	Composed of	
N03625	Right		N01853	1 blade	
			N01864	1 tip	
			N01876	3 rivets	
N03626	Left		N01853	1 blade	
			N01863	1 tip	
			N01876	3 rivets	

ACM 191 | Mounted blades with tip for 70 Hz tamper

- **N°372** for tamping in ballast with 40 mm stones and above or in non-crushed ballast

Code	Type
N03629	3-teeth



Code	Composed of
N01852	1 blade
N01867	1 tip
N01876	3 rivets



2 ACCESSORIES & CONSUMABLES *(continued)*

Vibratory blades & tips >

ACM 193 | Mounted blades with tip for 50 Hz tamper

Code	Type
N04707	Right



Code	Composed of
N04709	1 blade
N01860	1 tips
N01876	3 rivets



Code	Type
N04708	Left

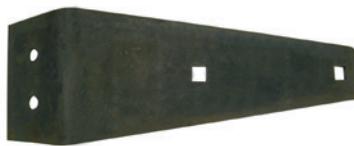


Code	Composed of
N04709	1 blade
N01859	1 tips
N01876	3 rivets



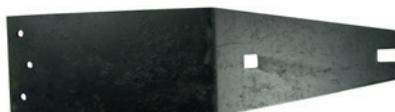
ACM 192 | Blades for 70 Hz tamper

Code	Type
N01852	N° 355
N01853	N° 368
N01854	N° 370
N01856	N° 378



ACM 194 | Blades for 50 Hz tamper

Code	Type
N04709	N° 36227



2 ACCESSORIES & CONSUMABLES *(continued)*

Vibratory blades & tips >

ACM 195 | Tips

- N°359

Code	Type
N01859	Left



Code	Type
N01860	Right



- N°364

Code	Type
N01863	Left



Code	Type
N01864	Right



- N°371

Code	Type
N01865	Left



Code	Type
N01866	Right



- N°373

Code	Type
N01867	3-teeth



- N°379

Code	Type
N01869	3 tips



- N°40064

Code	Type
N01870	4-teeth



ACM 196 | Auxillary equipment for blades & tips

Code	Type
N01851	Reinforcing blade N° 351 for 70 Hz tamper
N04710	Reinforcing blade N° 36228 for 50 Hz tamper
N01873	Fixing plate N° 380
N01874	Blades fixing bolt N° 381
N01875	Blades fixing bolt N° 352
N01876	Tips fixing rivet N° 357
N07107	Vibrator tip VPS



*TOOLS, EQUIPMENT & CONSUMABLES
FOR TRACK WORKS*

3 - Equipment for track works

- Jacks (lifting & tamping)
- Universal rail lifting lever
- Rail pullers
- Switch launching rollers, rollers
- Track gauge maintaining tie bars
- "C" clamps
- Various equipment for track works
(Hand operated ratchet drill, hand operated sleeper banding machine)
- Measured shovel packing
- Equipment for marshalling yards & sidings



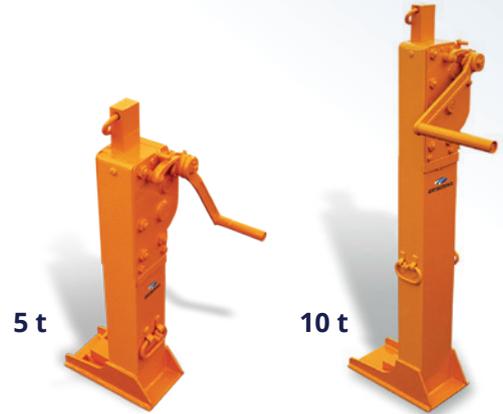
3 EQUIPMENT FOR TRACK WORKS

Jacks >

LG59 | Rail lifting jacks with rising rack bar

- Double gearing
- Safety handle
- Carrying handle

<i>Code & Characteristics</i>		
	5 t	10 t
	N07820	N00301
Capacity	50 kN ≈ 5 t	100 kN ≈ 10 t
Lifting stroke	400 mm	825 mm
Mass	42 kg	77 kg
Dimensions	830 x 340 x 170 mm	1,300 x 360 x 270 mm
Safety handle	N01098	N01069



FM85 / 63 | Rail lifting jacks with rising frame

- Double gearing
- Safety handle
- Carrying handle

<i>Code & Characteristics</i>		
	FM85	FM63
	N05683	N06476
Capacity	50 kN ≈ 5 t	20 kN ≈ 2 t
Lifting stroke	320 mm	170 mm
Mass	26.5 kg	13.8 kg
Dimensions	620 x 320 x 220 mm	570 x 370 x 170 mm



Rail lifting jacks with rising frame

- Safety handle
- Carrying handle
- With a wide plate for steadiness

<i>Code & Characteristics</i>		
	10 t	16 t
	N04878	N06233
Lifting capacity on head	10 t	15 700 daN (16 t)
Lifting capacity on the toe	7 t	11 000 daN (11.2 t)
Lifting stroke	320 mm	340 mm



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Jacks >

CRV96 | Screw mechanical jack

- With carrying handle

Code	Lifting capacity	Lifting stroke
N03673	7,500 daN (7.5 t)	150 mm

Without operating lever or handle

Code	Designation
N03675	Handle
N03674	T-operating lever



AL74 | Tamping jack

- 32-tooth ratchet wheel
- Aluminium sole plate
- Operating lever

Code	Characteristics	
	Capacity	5 000 daN ≈ 5 t
	Lifting stroke	200 mm
	Mass of jack without lever	21 kg
	Mass of lever	2.4 kg
	Dimensions without slewing shoe	620 x 175 x 220 mm
	Dimensions with slewing shoe	700 x 175 x 270 mm
N02059	Without lever, without slewing shoe nor fastening spindle	
N03645	With slewing shoe, with fastening spindle, without lever	
H44843	Lightweight operating lever	
N00314	Slewing shoe	
N00316	Fastening spindle	



CH65 | Hydraulic jack for lifting and slewing

- Operating lever
- Does not infringe the track
- Slewing shoe
- Carrying handle

Code	Caractéristiques		
N00310		On roller	On head
	Capacity	50 kN ≈ 5 t	70 kN ≈ 7 t
	Lifting stroke	150 mm	115 mm
	Safety valve released at	55 - 60 kN ≈ 5.5 - 6 t	75 - 80 kN ≈ 7.5 - 8 t
	Maximum slewing stroke	50 mm	
	Mass of jack without lever	25 kg	
	Mass of lever	2.2 kg	
	Mass of slewing shoe	3.9 kg	
	Dimensions without slewing shoe	480 x 175 x 250 mm	
	Dimensions with slewing shoe	570 x 175 x 250 mm	



PLR750 | Universal rail lifting lever

- for the replacement of rubber soles under the vignole rails skid

Code	Lifting capacity
H118170	750 daN



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Rails pullers >

MTV 129 | Fishplated rail joint adjusting device

- Fixing to the rails through 2 fishplate holes and clamping with pins and safety catches
- Operating handle

Code	Characteristics	
N00242	Capacity	30 kN ≈ 3 t
	Lifting stroke	200 mm
	Mass of device	10.5 kg
	Mass of handle	6.5 kg
	Dimensions of device	420 x 170 x 90 mm
	Dimensions of handle	1,180 mm Ø 30 mm



ATR6 MC | Rail puller for long rails

- Designed to bring together two rails on the same line, the ends of which are apart up to several metres. One of the two rails is fixed to allow the free rail to be pulled. Each of them is fitted with a clamp
- The winch fastened to the clamp fitted to the fixed rail is connected by a chain to the clamp fitted to the free rail
- By moving one of the clamp and repeating the operation both rails are brought to the distance required

Code	Mass	Capacity
H21819	75 kg	60 kN (6 t)



> Rail clamp (for ATR6 MC and ATR6 H)

Code	Mass	Capacity
H01058	14,6 kg	60 kN (6 t)



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Rails pullers >

MTV 136 | Rail pulling shoe

Code	Mass
N03843	≈ 41 kg



MTV 130 | Rail pulling roller

- Steel sole plate used as handle

Code	Load capacity	Dimensions	Ø Roller	Mass
N01012	800 kg max	400 x 200 mm	114 mm	≈ 16.50 kg



MTV 149 | Rail guide rollers

- For CWR rail destressing sites
- For Rail 115RE
- With e-clip Pandrol attachment

> Horizontal rail guide roller
(According to rail laying drawing)

Code	Mass	Dimensions
H16895	≈ 0.65 kg	220 x 120 x 40 mm



> Vertical rail guide roller
(According to rail laying drawing)

Code	Mass	Dimensions
H106745	≈ 1.650 kg	170 x 155 x 120 mm



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Rails pullers >

MTV 283 | Track gauge maintaining tie bar

Tie bar in two parts electrically insulated or not:

- Two rail gripping devices to push or pull the rail
- Track gauge adjustment by rotating the central part by using a bar (not supplied)



Code	Track type	Forces		Mass
H123749	For metric track gauge (1,000 up to 1,067 mm)	Pushing operation: 2,200 daN	Pulling operation: 5,000 daN	12.8 to 19 kg According to track gauge
H123748	For standard and wide track gauge			
H57060	For standard and wide track gauge for switch (1,435 up to 1,668 mm)			

"C" clamp

- Quick and easy setting-up on rails with or without fishplate holes.
Total locking obtained by a steel elastic thrust on one side and on the other side by a toothed crown located at the end of the tightening screw

> Universal screw model with locking device

For any rail section up to 60 kg/m

Code	Mass
H75865	≈ 12.4 kg



> Counter nut screw blocking model

Suitable for rails up to 49 kg/m

Code	Mass
N01912	≈ 8.7 kg



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Rails pullers >

> Tightening C (Two parts model)
For rail up to 60 kg/m

Code	Mass
N04020	≈ 8.4 kg



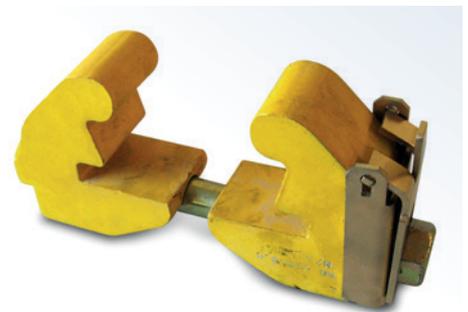
> Tightening C for slab track (Two parts model)
For any rail section up to 60 kg/m

Code	Mass
H79143	≈ 15.1 kg



> C with locking device (Two parts model)

Code	Mass
F4730802	≈ 8.8 kg



> C with locking device (Two parts model)
Isolated

Code	Mass
N07707	≈ 9.5 kg



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Various equipment for track works >

MTV 127 | Hand operated ratchet drill with rail clamp

- Right-hand rotation
- Made from special steel

Code	Length
N03648	500 mm

> Morse tapered shank MT3 drill bits

Mass
≈ 4.4 kg

> Rail clamp

Screw device. Suitable for any rail foot

Mass
≈ 14.3 kg



FFT | Hand operated sleeper banding machine

- Designed to restretch the steel bands already installed and to fix new bands in track
- Bands fastened by means of a buckle, a wedge and a clip

Code
N00328



MTV 137 | Steel bands complete with fastening arrangement

- Consumables:

Code	Usual lengths
N00329	90 cm
N00330	100 cm
N00331	110 cm



MTV 209 | Set of 4 dansometers

- Designed to measure the height of the void under the sleeper by means of a sliding ring in contact with the sleeper
- Collapsible tripod to make transport easier
- With carrying case



Code	Dimensions	Mass
N03649	260 x 160 x 345 mm	≈ 15 kg

MTV 265 | Measuring shovel (two-blade)

- Wall on which are arranged three rows of holes to indicate four measures equivalent to 5, 10, 15 and 20 mm track raising (for 1,435 mm track gauge)

Code	Dimensions	Mass
N00255	200 x 137 x 84 mm	≈ 1.4 kg



MTV 266 | Measured packing shovel (two-blade)

- Designed to introduce stone chips below the sleeper by reciprocating backward/forward movement of the spring blades

Code	Dimensions	Mass
N00259	1,140 x 280 x 180 mm	≈ 5.2 kg



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Equipment for marshalling yards & sidings >

EMB 285 | Points locking bolt

- Designed for switch blade locking
- Thread trapezoidal

Code	Thread trapezoidal	Opening	Mass
N00266	TR 36 x 2	150 mm	≈ 5.7 kg



EMB 301 | Brake shoe with fixed shoe

- Semelle en acier S49
- Largeur intérieure de la semelle : 70 mm
- Homologué SNCF
- Avec réhausse pour écartement :
1 000, 1 067, 1 435, 1 520, 1 600 et 1 668 mm

> For flat bottom rails:

Code	Modèle	Mass
N07111	Without handle	≈ 8.23 kg
N07364	With handle	≈ 11.91 kg



> For grooved rails:
On request

EMB 309 | Anti drift wooden wedge block with steel stiffener including orientable flag

Code	Mass
N03215	≈ 3 kg



3 EQUIPMENT FOR TRACK WORKS *(continued)*

Equipment for marshalling yards & sidings >

EMB 310 | Wagon mover with pivoting handle

- With double joint
- Enables work outside track centre line

<i>Code</i>	<i>Mass</i>
N00952	≈ 17.5 kg



EMB 320 | Set of rerailling ramps

- For axle wagons
- Maximum opening: 80 mm

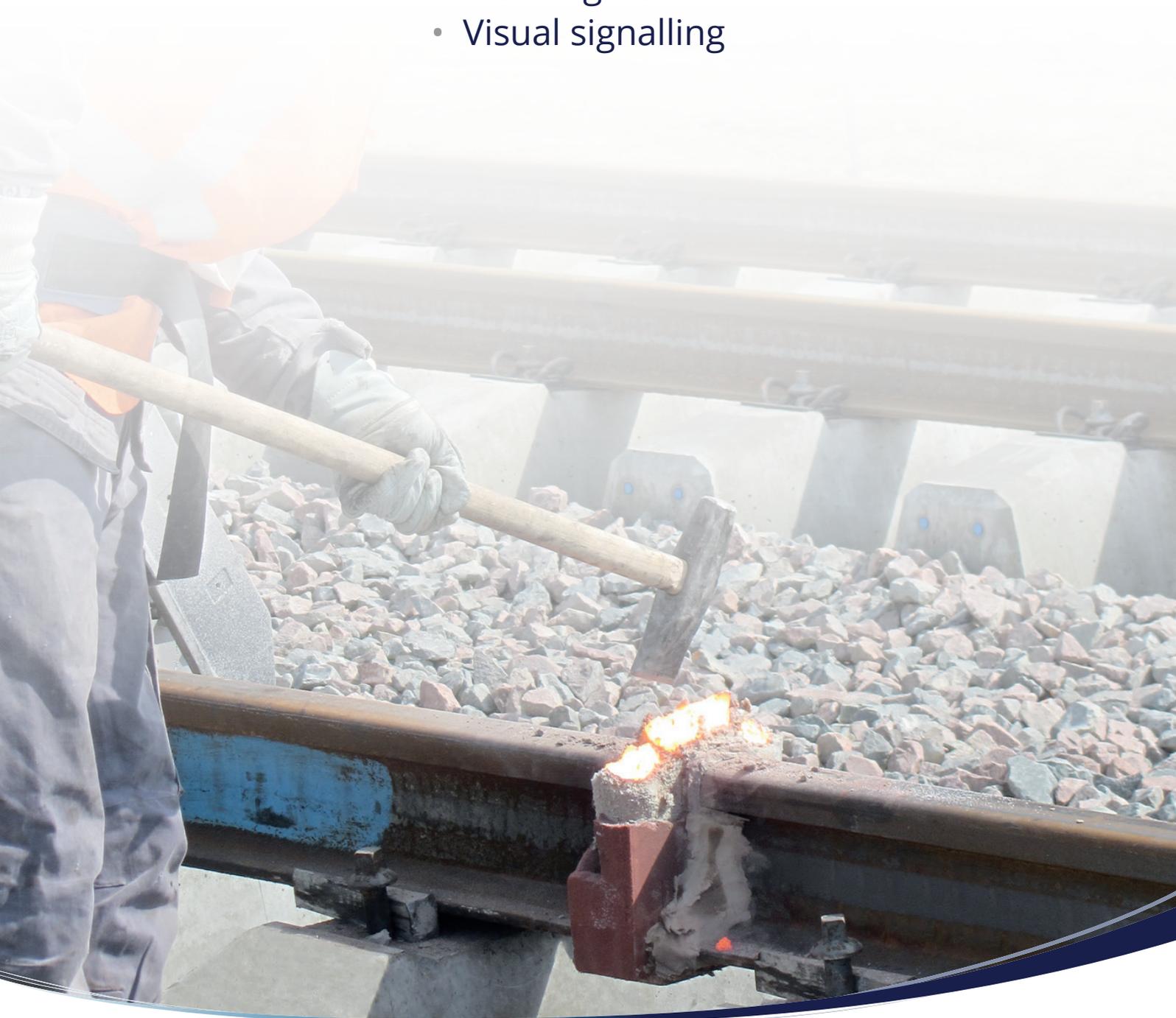
<i>Code</i>	<i>Mass</i>
N01121	≈ 168 kg



*TOOLS, EQUIPMENT & CONSUMABLES
FOR TRACK WORKS*

4 - Equipment for personal safety

- Warning devices
- Visual signalling



4 EQUIPMENT FOR PERSONAL SAFETY

Warning devices >

AVS 1 | Single tone portable warning device

Code	Sound level at 5 m	Frequency
H121683	108 - 110 dB A	380 Hz (sol 3rd octave)

> Foot pump

Air flow
0.5 l per stroke

> Air pressure vessel with pressure gauge and safety valve
valve calibrated at 8 bar

Mass in working order	Working pressure	Air capacity
≈ 14 kg	6 bar	7 l



AVS 2 | Dual tone warning device, wheel-barrow mounted

- Both trumpets are alternately operated. If necessary, one of them can be directly operated by the pump

Code	Sound level at 5 m	Frequency
H17180	115 dB A	387 Hz and 307 Hz (G and E 3rd octave)

> Hand pump

Air flow
0.640 l per stroke

> Air pressure vessel with pressure gauge and safety valve
valve calibrated at 8 bar

Mass in working order	Working pressure	Air capacity
≈ 26 kg	0.5 to 8 bar	9.9 l



AVS 3 | Call horn

Code	∅	Length	Mass
N00188	135 mm	340 mm	≈ 0.2 kg



AVS 4 | Warning devices – case type

Code	Sound level	Mass
N06750	115 dB A (up to 300 sounds per charge)	1 kg

> Rechargeable with any source of compressed air



4 EQUIPMENT FOR PERSONAL SAFETY *(continued)*

Visual signalling >

SSP 120 | Draught board

> With point to be driven into the ground

Code	Mass
N00317	≈ 5 kg

> With rail fastening device

Code	Mass
N00318	≈ 6.2 kg



SSP 121 | Signal flags

• With wooden staff

Code	Colour	Length	Mass
N00319	Red	900 mm	≈ 0.2 kg
N00320	Yellow		
N00321	Blue		
N00322	Green		



SSP 125 | Emergency and work lamp

Reflector head swivels vertically by 120°

- With 1 red signal filter
- With xenon main bulb
- With integrate battery charger
- Power supply 230 V / 50 Hz (other on request)
- With carrying strap and wall bracket

Code
N07125

> Signal filter for work lamp

Code	Colour
N03982	Red
N03983	Green
N04675	Colorless
N04544	Orange



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MC3
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grinding machine*



**METAL
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MP6 NEO
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MP12-200
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