



Perfect sawing.

FEIN Jigsaws are characterised by their high performance under tough operating conditions. They saw vertically and horizontally in metal, wood and plastics (including fibreglass). A variety of different accessories are available, depending upon the particular model. The integrated dust extraction offered by the ASt(e) 638 jigsaws provides effective protection against hazardous dust, and at the same time keeps the visible cutting line free of debris. Thanks to the electronically controlled and stabilised stroke rate, at low speeds the tool offers high torque and cutting force.

The right saws are also available for larger dimensions.

With special saw blades and clamping devices, for example, ductile cast pipes of between Ø 80 and 400 mm can be processed.

The complete FEIN program for sawing:

■ Jigsaws	P. 224
■ Hacksaws	P. 228



With the FEIN sabre saw through thick and thin with ease.



Precision from cut to cut - pipe cutting with FEIN.

Extremely quiet running, exact cuts. The FEIN jigsaw for all types of metal and wood.





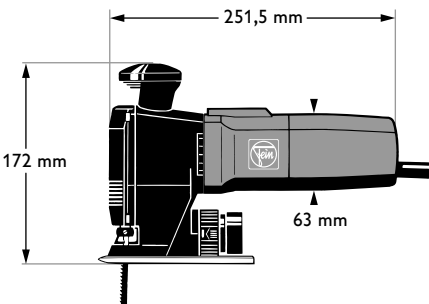
Jigsaws up to 10 mm in Steel/60 mm in Wood

ASt 638 ASte 638
FEIN electronic

Order Reference		7 234 17	7 234 15
Type		ASt 638	ASte 638
Input	W	350	450
Output	W	200	245
Strokes	R.P.M.	3350	1050-2600
Stroke of blade	mm	20	20
Cable with plug	m	5	5
Net weight	kg	2,2	2,2
Max. cutting capacity	mm		
Stainless steel (V2A)		3	6
Steel (St 37)		8	10
alu, copper, brass		10/10	15/10
Hard/soft wood and plywood		50/40	60/50
Hard particle / fibre-glass materials		25/20	30/30
Radius of smallest curve			
steel/woods and plastics	mm	8/6	8/6

Price includes:
2 packs of saw blades, 1 anti-chipping protector

for ASte 638:
1 Chip protection additional



8/10 mm

x/min

1050-3350

350/450 W

2,2 kg

AT A GLANCE

Universal jigsaw for metal, wood and plastic.

- VIBRATION FREE: precisely balanced weight distribution for extremely quiet cutting operation.
- Optimum, rigid saw-blade guide for precision cutting.
- Saw blade correction angle ensures clean chip clearance as in the case of pendulum stroke.
- Excellent ease of operation.
- Extremely low-wear and low-maintenance.
- Swarf removal switch: extraction or blowing.

for ASte 638 :

- Variable electronic speed control for optimum cutting speed.

Saw Blades

	for sawing of				Length mm	Tooth spacing mm	Pack/ qty.	Order Reference
	Steel	Wood	Plastics	Other materials				
	Sheets of St 37 up to 1,2 mm			non-ferrous metal up to 1,2 mm	77	0,7	5	6 35 03 060 01 0
				slim profiles up to 50 mm	100	0,7	5	6 35 03 076 01 0
	St 37 up to 2 mm stainless steel up to 2 mm		hard plastics up to 4 mm	brass, alu, copper up to 2 mm insulating plates, plexiglass, cardboard up to 4 mm, Resopal up to 2 mm	88	1,2	5	6 35 03 035 01 1
				insulating material up to 70 mm	120	1,2	5	6 35 03 077 01 4
	St 37 up to 10 mm stainless steel up to 3 mm	plywood up to 3 mm	hard plastics 3–8 mm	brass, copper 3–10 mm, fibre boards, Pertinax, alu plexiglass 3–8 mm	88	2	5	6 35 03 036 01 4
	St 37 up to 4 mm	up to 25 mm	up to 25 mm		77	2	5	6 35 03 087 01 3
		plywood, formica, hardwood and softwood up to 25 mm wood fibre boards up to 15 mm	soft plastics up to 15 mm		88	3	5	6 35 03 037 01 8
	St 37 up to 6 mm			alu up to 15 mm	100	3	5	6 35 03 088 01 1
		plywood and formica, hardwood up to 40 mm, softwood up to 50 mm	soft plastics, polyamide up to 30 mm		88	4	5	6 35 03 038 01 6
		plywood and formica, hardwood up to 50 mm, softwood up to 60 mm	soft plastics, polyamide up to 30 mm		100	4	5	6 35 03 082 01 0
			plastics 4–15 mm, polyamide up to 30 mm, FRP	insulating plates over 4 mm, fibre boards 8–20 mm	88	4	5	6 35 03 039 01 0
				glass, ceramics brick, FRP	77	hard metal coated Grit 30	5	6 35 03 089 01 5
			FRP up to 10 mm	clay plated up to 10 mm	77	diamond- coated	1	6 35 03 061 01 9
		wood up to 60 mm		gypsum plaster board, aerated concrete	130	8,5	3	6 35 03 084 01 2

Shoe plate

long, for sawing corrugated sheet metal

Order Reference 3 27 14 084 00 8

Anti-chipping protector

Pack of 5



Order Reference 3 14 28 102 01 6

Chipping protector

for ASt(e) 638



Order Reference 3 27 14 088 00 7

Hose sleeve

for the connection of FEIN Electric Power
Tools with dust extraction

Ø mm	Order Reference
32	3 05 17 028 00 7
27	3 05 17 029 00 1

Detailed information on "dust-free sanding" and extensive accessories for the FEIN vacuum cleaner can be found in the chapter Accessories / Vacuum cleaner

Carrying case

metal
390 x 240 x 110 mm

Order Reference 3 39 01 067 01 3

Tool spray

Extends the tool's metal working
service life

Order Reference 3 21 32 019 01 2

Cutting paste

Lubricating agents for working sheet
metals

Order Reference 3 21 32 020 12 9





■ Jigsaw up to 25 mm in Steel/100 mm in Wood

ASte 649-1
FEIN electronic

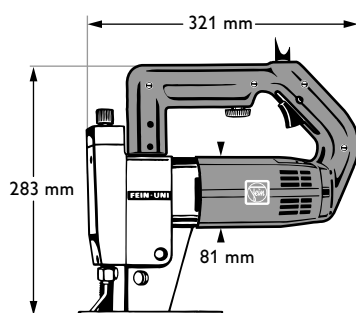
Order Reference		7 234 06
Type		ASte 649-1
Input	W	750
Output	W	500
Strokes	R.P.M.	750-2600
Stroke of blade	mm	26
Cable with plug	m	2,5
Net weight	kg	5,5

Max. cutting capacity	mm	
Stainless steel (V2A)		4
Steel (St 37)		25
alu / brass		20/12
Hard/soft wood and plywood		100/60
Hard particle / fibre-glass materials		60/>100

Radius of smallest curve, with saw blades for cornered cuts
steel/woods and plastics mm 30/15

Price includes:

3 saw blades, 1 retaining screw, 1 set of keys



25/100



750-2600



750 W



5,5 kg

AT A GLANCE

Jigsaw for heavy-duty sawing applications in wood and metal.

- Variable, electronic stroke speed control for optimum cutting speed.
- Especially suitable for sandwich materials and stainless steels.
- Automatic coolant/lubricant feed with integrated tank.
- Can be converted for beam turning with large foot plate.
- Air-jet feature for unobstructed view of the cutting line.

Saw Blades

	for sawing of	Length mm	Tooth spacing mm	Pack/ qty.	Order Reference
Steel	Wood	Plastics	Other materials		
	St 37, stainless steel up to 1,5 mm		non-ferrous metal up to 1,5 mm	100 1,0 3	6 35 03 041 01 1
	St 37, stainless steel 3–8 mm	plastics and FRP 3–8 mm	non-ferrous metal, alu 3–8 mm	100 1,8 3	6 35 03 042 01 4
	St 37 over 5 mm	plastics and FRP over 5 mm	non-ferrous metal, alu over 5 mm	100 2,5 3	6 35 03 043 01 8
	St 37, stainless steel up to 3 mm		non-ferrous metal up to 3 mm	90 1,4 3	6 35 03 044 01 6
	St 37, stainless steel 2–6 mm	plastics and FRP 2–6 mm	non-ferrous metal, alu 2–6 mm	90 1,8 3	6 35 03 045 01 0
		softwood, hardwood, plywood, wood fibre boards up to 35 mm	soft plastics up to 35 mm	90 3,75 3	6 35 03 046 01 3
	tubes and profiles of St 37 with wall thickness 3–8 mm and up to 80 mm profile height		Tubes and profiles with wall thickness 3–8 mm and up to 80 mm profile height plastics and FRP non-ferrous metal and alu	150 1,8 3	6 35 03 047 01 7
	similar to 6 35 03 047 01 7 but over 5 mm wall thickness		as 6 35 03 047 01 7 but over 5 mm wall thickness and for insulating material bituminous sheets, brick, timber with nails	150 2,5 3	6 35 03 048 01 5
		softwood and hardwood up to 50 mm and profiles up to 90 mm		150 4,0 3	6 35 03 049 01 9
		softwood and hardwood up to 90 mm		150 8,5 3	6 35 03 050 01 1
	tubes and profiles of St 37 with wall thickness 3–8 mm up to 140 mm profile height, with clamping device for tubes up to 100 mm		tubes and profiles with wall thickness 3–8 mm up to 140 mm profile height, with clamping device for tubes up to 100 mm of plastic and FRP of non-ferrous metal, alu, insulating material, timber with nails	228 1,8 3	6 35 03 051 01 0
		softwood and hardwood up to 90 mm		240 8,5 3	6 35 03 053 01 7
		plastics over 12 mm	alu over 12 mm	100 3,0 3	6 35 03 056 01 2
	St 37 up to 1,2 mm		slim profiles up to 90 mm height	150 1,0 3	6 35 03 058 01 4
	St 37 up to 1,2 mm		slim profiles up to 90 mm height	228 1,0 3	6 35 03 059 01 8
	(Special saw blade) for sawing the ends of squared beams up to 180 mm			235 9 1	6 35 03 083 00 5

Cutting table

120 x 200 mm, when cutting squared beams it guarantees accurate guidance and cuts at the correct angle with saw blade 6 35 03 083 00 5



Order Reference 3 27 14 079 01 1

Side handle



Order Reference 3 21 19 032 00 2

Carrying case

metal 400 x 400 x 130 mm



Order Reference 3 39 01 032 01 3

Shoe plate

long, for sawing corrugated sheet metal

Order Reference 3 27 14 084 00 8

Tool spray

Extends the tool's metal working service life

Order Reference 3 21 32 019 01 2

Clamping fixture

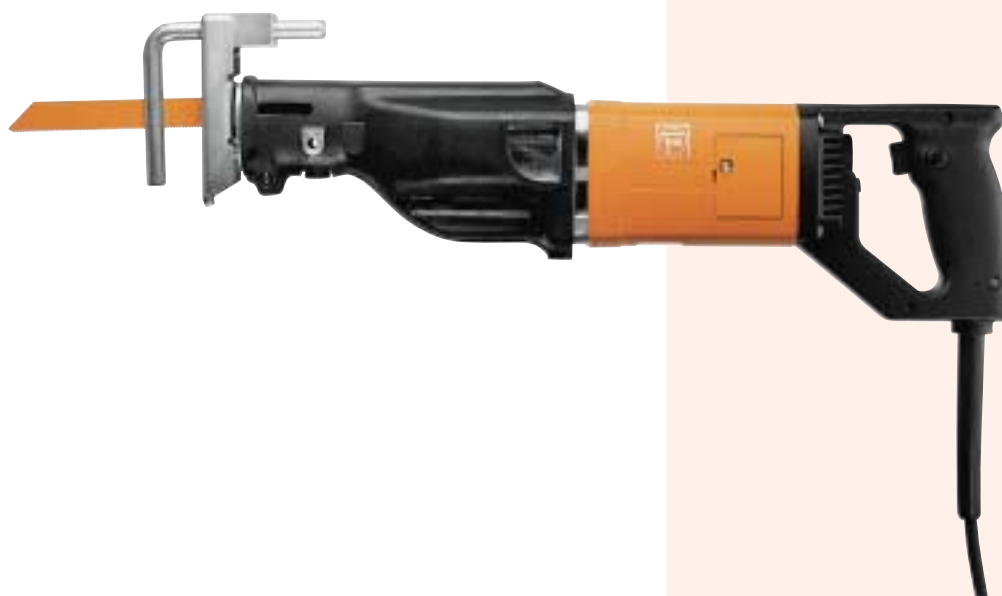
for cutting tubes up to Ø 100 mm, for saw blade 6 35 03 051 01 0

Order Reference 9 07 02 002 00 4

Cutting paste

Lubricating agents for working sheet metals

Order Reference 3 21 32 020 12 9



■ Sabre Saw for pipes up to Ø 140 mm

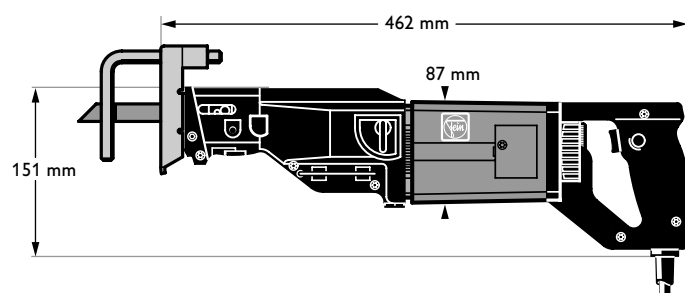
ASTxe 2203
FEIN electronic

Order Reference		7 234 19
Type		ASTxe 2203
Input	W	1010
Output	W	570
Strokes	R.P.M.	800-2400
Stroke of blade	mm	27
Cable with plug	m	4
Net weight	kg	3,6

Pipes up to Ø		
with pipe cutting clamp fitted	mm	40/R 1½"
with standard saw support fitted	mm	140/ 5½"
Max. cutting capacity		
Steel (St 37)	mm	8
wood	mm	50

Price includes:

1 metal tool case, 1 standard saw support, 1 pipe cutting support,
1 sortiment of saw blades, 1 additional handle, 2 clamping pieces, 1 key



140 mm	800-2400
1010 W	3,6 kg

AT A GLANCE

Universal sabre saw.

- Robust and powerful for professional applications.
- Variable electronic speed control for optimum cutting speed.
- Switch-activated pendulum stroke for rapid cutting in wood.

Accessories on page 229.

Saw Blades

for sawing of

	Metal St 37	Non- ferrous metal	Stainless steel	Wood	Plastics FRP	Other materials	Sundries	Length mm	Tooth spacing mm	Width mm	Pack/ qty.	Order Reference
	3-8 mm	3-8 mm			3-8 mm		tubes and profiles up to 80 mm height	150	1,8	19	3	6 35 03 047 01 7
	over 5 mm	over 5 mm		o	over 5 mm	insulating material, timber with nails	tubes and profiles up to 80 mm height, bituminous sheets, brick, aerated concrete	150	2,5	19	3	6 35 03 048 01 5
				up to 50 mm			profile height up to 90 mm	150	4,0	12	3	curved blade 6 35 03 049 01 9
	3-8 mm	3-8 mm	3-8 mm		3-8 mm	insulating material, timber with nails	tubes and profiles up to 140 mm profile height	228	1,8	19	3	6 35 03 051 01 0
				o	o			150	4,0	19	3	6 35 03 101 01 4
				o		Tree cuts		240	5,0-6,5	19	3	6 35 03 103 01 1
				o				228	8,5	19	3	6 35 03 104 01 9
	up to 1,5 mm	up to 1,5 mm	up to 1,5 mm					150	1,0	19	3	6 35 03 105 01 3
	up to 3 mm	up to 3 mm	up to 3 mm					150	1,4	19	3	6 35 03 106 01 6
		3-12 mm				timber with nails, gypsum plaster board		150	2,5	19	3	6 35 03 107 01 0
	up to 3 mm	up to 3 mm	up to 3 mm			tubes and profiles		228	1,4	19	3	6 35 03 110 01 4

Standard saw support

for pipes up to Ø 140 mm/5 1/2"

Order Reference 3 13 29 106 00 8

Pipe cutting support

for pipes up to Ø 40 mm/R 1 1/2"

Order Reference 3 13 29 107 00 2

Clamping piece

Pack of 2

Order Reference 3 13 29 100 01 6

Saw blade range

consisting of 3 saw blades, 150 mm long, for metal, wood and plastics, see saw blades 6 35 03 101 01 4, 6 35 03 106 01 6 and 6 35 03 107 01 0

Order Reference 6 35 03 106 02 2

Tool spray

Extends the tool's metal working service life

Order Reference 3 21 32 019 01 2

Cutting paste

Lubricating agents for working sheet metals

Order Reference 3 21 32 020 12 9





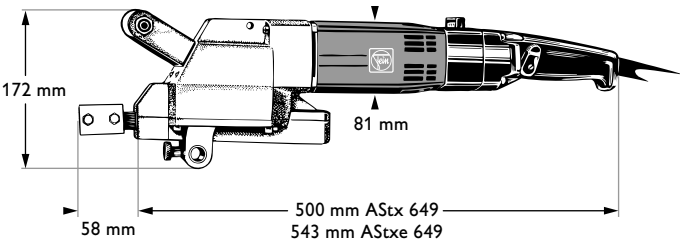
Hacksaws for pipes up to Ø 440 mm

AStx 649

AStxe 649
FEIN electronic

Order Reference		7 234 07	7 234 08
Type		AStx 649	AStxe 649
Input	W	750	750
Output	W	480	480
Strokes	R.P.M.	350	100-350
Stroke of blade	mm	60	60
Cable with plug	m	2,5	2,5
Net weight	kg	5,9	6,2
Max. cutting capacity			
Pipes up to Ø	mm	440 ¹⁾	440 ¹⁾
profiles up to W x H	mm	290 x 550	290 x 550

Price includes:
2 saw blades, 1 set of keys



440 mm

$\frac{x}{min}$ 100-350

750 W

5,9/6,2 kg

AT A GLANCE

Powerful hacksaw for pipes and profiled sections.

- Ideally suited for trimming pipes and shaped section made of steel, cast-iron, autoclaved aerated concrete and plastics.
- Clamp and feed device available for profiles and pipes from Ø 80 mm to Ø 400 mm.
- Adjustable clamping devices permit mitre cuts up to 45° as well.
- Especially suitable for sandwich material and layers of different materials.

for AStxe 649 :

- Variable electronic speed control for optimum cutting speed.

¹⁾ With chain extension.

Accessories on pages 232/233.



■ Hacksaws for pipes up to Ø 440 mm

MOt 6-18-2
pneumatic

Order Reference	7 534 07
Type	MOt 6-18-2
Operating pressure	bar 6,0
Air consumption	m ³ /min 1,45
Output	W 1100
Strokes	R.P.M. 330
Stroke of blade	mm 60
Net weight	kg 7,0

Max. cutting capacity	
Pipes up to Ø	mm 440 ¹⁾
profiles up to W x H	mm 290 x 550

Price includes:

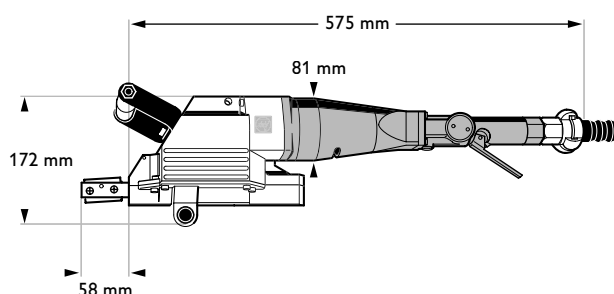
2 saw blades, 1 set of keys, 1 hose coupling

	440 mm		330
	7,0 kg		

AT A GLANCE

Compressed air hacksaw for pipes and profiled sections.

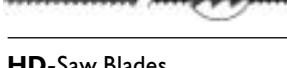
- Ideally suited for trimming pipes and shaped section made of steel, cast-iron, autoclaved aerated concrete and plastics.
- Clamp and feed device available for profiles and pipes from Ø 80 mm to Ø 400 mm.
- Adjustable clamping devices permit mitre cuts up to 45° as well.



¹⁾ With chain extension.

Accessories on pages 232/233.

Saw Blades

	for sawing of non-ferrous metal and steel up to 400 N/mm ²	Steel over 400 N/mm ² and grey cast iron	Dimensions Sundries	Length mm	Tooth spacing mm	Thickness mm	Net weight kg	Materials	Order Reference
	Sheet metal	Sheet metal	≤ Ø 80	200	1,0	1,5	0,06	HSS	6 35 03 067 00 6
	×	×	≤ Ø 80	200	1,6	1,5	0,06	HSS	6 35 03 066 00 2
	×	×	≤ Ø 170 ¹⁾	300	1,6	1,5	0,06	HSS	6 35 03 063 00 7
	×	×	≤ Ø 260 ¹⁾	400	1,6	1,5	0,125	HSS	6 35 03 064 00 5
	×	×	≤ Ø 350 ²⁾	500	1,8	2,0	0,18	HSS	6 35 03 072 00 2
	×	×	≤ Ø 440 ³⁾	600	1,8	2,0	0,21	HSS	6 35 03 073 00 6
	×	×		300	2,1	1,5	0,08	HSS	6 35 03 070 00 0
	×		*)	530	2,1	1,5	0,170	HSS	6 35 03 069 00 8
	× (AL)		plastics	200	3,2	1,5	0,06	HSS	6 35 03 065 00 9
	× (AL)		plastics	400	3,2	1,5	0,125	HSS	6 35 03 068 00 4
			tubes, gas concrete	300	6,3	1,5	0,08	SS	6 35 03 071 00 9
			tubes, gas concrete *)	530	6,3	1,5	0,170	SS	6 35 03 040 00 3

HD-Saw Blades

Special saw blades for cutting steel and stainless steel.

HD-saw blades are noted for their long working life and rapid sawing speed. Give them a try: it will pay off.

	×	×	≤ Ø 170 ¹⁾	300	1,6	2,0	0,08	HSS	6 35 03 093 00 4
	×	×	≤ Ø 350 ²⁾	500	1,8	2,0	0,18	HSS	6 35 03 099 00 5
	×	×	≤ Ø 440 ²⁾	600	1,8	2,0	0,21	HSS	6 35 03 098 00 1
	×	×	≤ Ø 325 ²⁾	530	2,1	2,0	0,17	HSS	6 35 03 100 00 6
	×	×	≤ Ø 260 ¹⁾	400	2,1	2,0	0,175	HSS	6 35 03 094 00 2
	×	×	≤ Ø 260 ¹⁾	400	3,2	2,0	0,175	HSS	6 35 03 095 00 6

TD-Saw Blades

Special saw blades for cutting ductile cast-iron pipes (also with cement mortar cladding).

For use only with the FEIN clamp and feed device (9 07 02 005 00 0).

TD-Saw blades are suitable for cutting wet and dry pipes. They are noted for rapid sawing speed and for producing clean results.

	for ductile cast-iron pipes, also with cement mortar cladding and gray cast-iron pipes	Pipe Ø (DN) mm	Length mm	Length of working surface mm	Thickness mm	Weight kg	Order Reference
	×	80–150 ³⁾	320	260	2,2	0,110	6 35 03 096 01 8
	×	80–300 ³⁾	490	430	2,9	0,220	6 35 03 097 01 2

*) only with saw blade guide 9 06 06 002 00 9

¹⁾ with the FEIN clamp and feed device 9 07 02 005 00 0 or clamping device 9 07 02 004 00 6

²⁾ only with chain extension up to √ø 440 mm, plus chain 3 02 31 003 00 3 and bolt 3 02 16 130 00 4

³⁾ for use only with FEIN clamp and feed device 9 07 02 005 00 0

FEIN clamp and feed device

(W x D x H) 280 x 285 x 395 mm, for pipes and circular material with an outside dia. of 80 mm to 400 mm



Order Reference 9 07 02 005 00 0

Included in price: 1 tool case, metal. 1 ratchet, 1/2" square socket, 1 ratchet buckle with belt, 1 stop screw, 1 retention pin, 1 wrench set

Protective aluminium jaws

for avoiding damage to the surface of the pipe, 4 pieces required

Order Reference 3 13 27 065 00 2

Cleaning block

Whetstone for diamond tools, 40 x 160 x 300 mm



Order Reference 6 39 03 119 00 8

Rhombo for cleaning of HM-tools and diamond-coated tools.



Order Reference 6 37 19 007 01 0

Clamping fixture

for pipes up to Ø 159 mm and for mitre cuts



Order Reference 9 07 02 001 00 1

for pipes from Ø 100 mm up to 325 mm, only with extension of the chain up to Ø 440 mm, chain 3 02 31 003 00 3 and bolt 3 02 16 130 00 4 necessary



Order Reference 9 07 02 004 00 6

for profiles up to 290 mm width at max height 550 mm



Order Reference 9 07 02 003 00 8

Saw blade guide

for pipes up to Ø 325 mm only with saw blade 530 mm length, guide to the center of the pipe



Order Reference 9 06 06 002 00 9

Support

for free hand working



Order Reference 3 27 14 062 02 3

Carrying case

metal
690 x 240 x 160 mm



Order Reference 3 39 01 022 01 4

Drift

Prevents the jamming of the saw blade

Order Reference 6 33 05 006 00 8

Tool spray

Extends the tool's metal working service life

Order Reference 3 21 32 019 01 2

Cutting paste

Lubricating agents for working sheet metals

Order Reference 3 21 32 020 12 9

for MOt 6-18-2

Hose coupling

Order Reference 4 11 40 004 00 7

