

PROFESSIONAL BODY SHOP SPECIAL TOOLS

Spare parts | Consumables | Accessories



2025



VW AG | VAS | 748

D

Warning signs: No open flames, No smoking, No fire, No hot surfaces, No high voltage.



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XSERIES RIVETING TOOLS | XPress 800

XPress 800 PushPull | Tesla | Europe Set

Item no. EU700022

Modular riveting system with a force-supporting retraction cylinder for punching hard and ultra-hard structural parts and for:

- Extraction of Self Piercing Rivets
- Installation of Flow Form Rivets
- Installation of blind rivets
- Backshaping
- Calibration

Scope of delivery:

- 1 x 700050 PowerPack | XPress 800
- 1 x 700105 PushPull PP 90 | Retraction cylinder
- 1 x 700206 Tool Box RS-08 | Tesla
- 1 x 700209 Tool Box RS-11 | Tesla
- 1 x 700070 C-Arm GC 80/40
- 1 x 700100 BR 20 Blind rivet adapter
- 1 x 700101 BR 50 Blind rivet adapter
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x 700080 C-Arms | 4-piece set with case
- 1 x A700380 Case for XPress 800 | TESLA
- 1 x Operating instructions

TESLA
APPROVED EQUIPMENT



XPress 800 | Tesla kit 2 | 13-piece

Item no. 700021

- installing Flow Form Rivets
- installing Self Piercing Rivets

Scope of delivery:

- 1 x 700050 PowerPack | XPress 800
- 1 x 700060 SSC 35/25 Short stroke cylinder
- 1 x 700070 C-Arm GC 80/40
- 1 x 700071 C-Arm GC 80/120 (without transport case)
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x 700199 Tool Box RS-08/2 | Tesla
- 1 x A700380 XPress 800 Transport Case | TESLA

TESLA
APPROVED EQUIPMENT



XPress 800 | Tesla kit 5 | 7-piece

Item no. 700024

Modular riveting system with a force-supporting retraction cylinder for punching hard and ultra-hard structural parts and for:

- Extraction of Self Piercing Rivets
- Installation of Flow Form Rivets
- Installation of blind rivets
- Backshaping
- Calibration

Scope of delivery:

- 1 x 700050 PowerPack | XPress 800
- 1 x 700105 PushPull PP 90 | Retraction cylinder
- 1 x 700101 BR 50 Blind rivet adapter
- 1 x 700070 C-Arm GC 80/40
- 1 x 700071 C-Arm GC 80/120
- 1 x 700206 Tool Box RS-08 | Tesla
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x A700380 Transport case
- 1 x Instruction manual

TESLA
APPROVED EQUIPMENT



XPress 800 | Tesla kit 3 | 11-piece

Item no. 700023

Scope of delivery:

1 x 700105 PushPull PP 90 | Retraction cylinder

1 x 700198 Tool Box RS-08/3 | Tesla

TESLA
APPROVED EQUIPMENT



PowerPack | XPress 800

Item no. 700050

In its central role, the PowerPack combines the functions of print generation, control, composition monitoring and safety. The Power Pack is a compact, pneumatically-hydraulically driven pressure intensifier with a two-stage high-pressure pump. A primary air pressure of 6 bar generates a hydraulic secondary pressure of 800 bar. Its convenient design allows for effortless and reliable execution of all operations in the process. The device has been developed in accordance with the highest safety standards.

Length	Width	Height	Weight	PB max	Oil volume
259 mm	56 mm	213 mm	2.65 kg	800 bar	80 cm ³



BR 50 Blind rivet adapter

Item no. 700101

PATENTED
SWIVEL JOINT

The blind rivet adapter BR 50 is distinguished by its excellent accessibility for demanding riveting tasks. It boasts an impressive tensile force of 50 kN. Furthermore, the adapter is freely rotatable and pivotable, suitable for rivets with a shaft diameter ranging from 2.0 to 5.0 mm.

Scope of delivery:

1 x BR 50 Blind rivet adapter

1 x 700215 Tool Box Mouth pieces | 7-piece set

Dimensions	Stroke	Weight	F max.	Swivel angle	Interlock steps
252 x 56 mm	25 mm	1.5 kg	50 kN	120°	30°

TESLA
APPROVED EQUIPMENT



SSC 35/25 Short stroke cylinder

Item no. 700060

The SSC 35/25 Short stroke cylinder has a stroke of 25 mm and, when combined with the PowerPack 1000 SC, achieves a maximum setting force of 69 kN.

Stroke	Weight	PB max.	F max.
25 mm	1.4 kg	800 bar	77 kN



PushPull PP 90 | Retraction cylinder

Item no. 700105

The PushPull PP 90 is a retraction cylinder with a 2-way function: push and pull. This retraction cylinder has been specifically designed to efficiently handle all riveting processes on modern vehicle bodies.

Stroke	Weight	PB max.	F max.
16 mm	2.6 kg	800 bar	90 kN

PushPull



C-Arms

Item no.	700070	700071	S700072
Name	80/40	80/120	140/240
Operating window	80 × 40 mm	80 × 120 mm	140 × 240 mm
Weight	2 kg	4 kg	10 kg
	with safety interlock	with safety interlock	with safety interlock



Service Kit EB-XP 800

Item no. 700334

Venting and filling device for the XPress 800 PowerPack.

Scope of delivery:

- 1 x 700933 Special oil pump | 250 ml
- 1 x 700946 Connector
- 1 x 700582 Adapter
- 1 x 700934 Hose | Ø 6 × 4 mm | 700 mm
- 1 x 700935 Hose | Ø 8 × 6 mm | 500 mm
- 1 x 700102 Hydraulic oil HLP 22 | 250 ml



Polyamide hose PUN | 6 x 1 | black

Item no. 700926

for PushPull PP 90 | Retraction cylinder

Tool Trolley R230








Item no. 881201



Lockable tool trolley R230 made of powder-coated steel for the workbay.



Features

- Steel top
- 8 drawers
- 2 fixed casters
- 2 swivel casters with locking brake



		8 mm	8 mm	8 mm	8 mm	8 mm
						
			Punch with 8 mm punching crowns for high-strength sheet metal.	Closing die for Flow Form Rivets with a diameter of 8.0 mm.	For the reshaping, punching and calibration process as a preparatory step for the setting of a flow form rivet (FFR) with a diameter of 8.0 mm.	
A4	A5	B6	B8	C4	K3	K4
700341	700369	700270	700342	700267	700318	700298

F6 HENROB Adapter 10 mm Item no. 703514 for PushPull PP 90 cylinder 700105 (when Henrob dies are used)		F7 HENROB Adapter 10 mm Item no. 703517 for SSC 35/25 Short stroke cylinder 700060 (when Henrob dies are used)	
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SKR punching crowns Ø 8 mm PU: 50 pcs. Item no. 700140 SKR punching crowns with a diameter of 8 mm for high strength sheet metal.		Threaded sleeve M6 Item no. 700786	
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TOOL BOXES

SSC 35/25

SSC 40/25

Tool Box RS-08/2

Item no. 700199

C3	C4	C5	E1
x 1	x 1	x 1	x 1
Ø 8 mm			5.3mm

inclusive:

F 1 F 5 Z 4

TESLA

APPROVED EQUIPMENT



Tool Box RS-11

Item no. 700209

E1	T1	T2	T3	T4	T5	T6	T7	T8
x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Ø 5 mm								

inclusive:

F 1 Z 4

TESLA

APPROVED EQUIPMENT



Tool Box RS-08/3

Item no. 700198

A4	B5	B6	B8	G2	C3	C4	C5	K3	K4
x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Ø 8 mm				Ø 8 mm			Ø 8 mm		

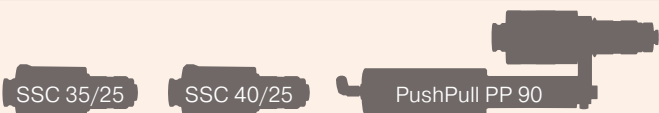
E1
x 1
5.3mm

inclusive:

F 3 Z 1  SKR 8 mm

TESLA

APPROVED EQUIPMENT




Tool Box RS-08

Item no. 700206

A4	B5	B6	B8	G2	C3	C4	C5	K3	K4
x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Ø 8 mm				Ø 8 mm			Ø 8 mm		

E1
x 1
5.3mm

inclusive:

F 1 F 3 F 5 Z 1 Z 4  SKR 8 mm

TESLA

APPROVED EQUIPMENT



Tool Box RS-08



Anwendung
Application

	C3 + C4 8 mm N° 700338	
Vernieten Fließ-Form-Nieten Riveting flow-form-rivets FFR		
	C5 + C4 8 mm N° 700726	
	E1 SPR 5 N° 700260	
	F1 N° 700220	Verlängerung Extension 32 mm
	F3 N° 700337	Verlängerung Extension 26 mm
	F5 N° 700443	Adapter Böllhoff® Matrize / die

		B6 + A4
N° 700270 (Ø 8 mm)	N° 700341	
Auspressen Stanznieten / Pressing-out self-piercing-rivets		

	K3 + K4 8 mm N° 700349
Rückformen, Stanzen, Kalibrieren Back shaping, blanking, calibration	

Stanzkrone Blanking bit		SKR 8 mm N° 700296
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	B8 B5 G2 B6 8 mm N° 700353
Lochstanzen und Kalibrieren Rivet hole blanking and calibration	

	T E S L A
	PushPull Kupplung Coupling N° 700280
BODY REPAIR PROGRAM	
XPress800	

Tool Box RS-11



Application
Anwendung

	E1 N° 700260	Setting Die Setzstempel SPR* 5 mm
	T1 N° 700360	1045187-00-A SM 1000111 5 mm
	T2 N° 700366	1045186-00-A SM 1200050 5 mm
	T3 N° 700361	1045185-00-A SM 0850125 5 mm
	T4 N° 700362	1045191-00-A SM 0700056 5 mm
	T5 N° 700363	1045190-00-A KA 0752113 5 mm
	T6 N° 700364	1045184-00-A SM 1100108 5 mm
	T7 N° 700365	1045189-00-A FM 1002022 5 mm
	T8 N° 700367	1045188-00-A FM 0902120 5 mm
	F1 N° 700220	Verlängerung Extension 32 mm

	Montageschlüssel Assembling tool N° 700299	XPress800
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*SPR = Self-Piercing-Rivets / Stanzhalbolnieten

This chart only serves as a guideline. The detailed description of the repair process and application please take from the repair manual of the respective car maker (OEM).

Diese Karte dient nur der Orientierungshilfe. Die Beschreibung des Arbeitsvorganges sowie des Anwendungsbereiches entnehmen Sie bitte der entsprechenden Reparaturanweisung des Fahrzeugherstellers (OEM).

Art.N° 799034

05/2018

10/2015

RESISTANT SPOT WELDING MACHINE

InvertaSpot GT-C AUTOMATIC | 3 × 400 V | watercooled

Item no. 960750

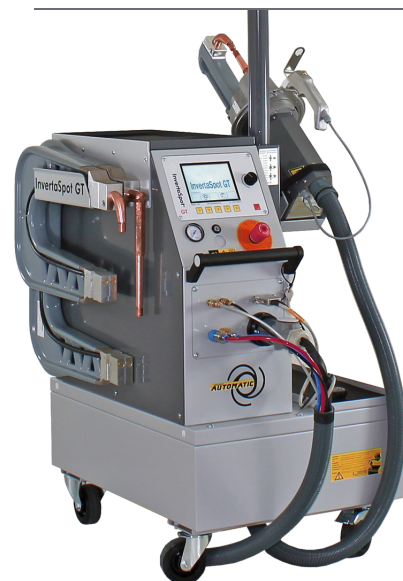
T E S L A

APPROVED EQUIPMENT

The InvertaSpot GT-C AUTOMATIC is suitable for high to ultra-high-strength steels. It detects the conditions at the welding point, automatically adjusts parameters and monitors the welding process. Due to its full automation, it is highly energy-efficient. Experts can still use the manual mode and adjust parameters freely if needed.

Scope of delivery:

- 1 x 474466 C-Trafogun | GT-V6 | 400 V | 3 m
- 1 x 474004 Balancer tube GT | 630 mm | basalt grey
- 1 x 474014 Balancer arm GT | basalt grey
- 1 x 478060 Balancer roller GT
- 1 x 498085 Spring balancer | 9-15 kg
- 1 x 474017 Insulation strap with carabiner
- 1 x 474250 Allen keys GT | 2-piece set
- 1 x 497096 Electrode caps | Ø 16 mm | Type A-32 | PU: 6 pcs.
- 1 x 474028 Holder for C-arms
- 1 x 474085 Cable holder for InvertaSpot GT-C
- 1 x 478041 Cable support GT | V2
- 1 x 474007 Wheel set GT
- 1 x Instruction manual



C-Arm force	Mains voltage	Fuse type gG	Power	Compressed air	Protection class	Open circuit voltage	Weight	Dimensions
6,2 kN	3 × 400 V / 3 × 208 V	32 A / 63 A	13 kA	6 - 8 bar	IP 21	12 V DC	119 kg	81 × 56 × 75 cm

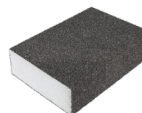
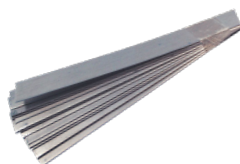
Accessories

Item no.	932103	478006	497110
Description	Wheel broadening set GT	Single sided spot welding gun PSP GT	Electrode caps Ø 16 mm
PU	1 set	1 set	16 pcs.



Accessories

Item no.	478005	298300	298298	498003
Description	Protection cover	Metal sheet V2A	Emery sparge girt 60	Electrode tip remover
PU	1 pc.	100 pcs.	1 pc.	1 pc.



Item no.	817030	497010	470008
Description	EUROPAX welding primer	Copper paste for electrodes	Corrosion protection concentrate WT 1000
PU	500 ml	100 g	150 ml

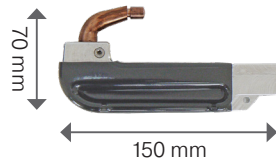


SPARE PARTS | CONSUMABLES | ACCESSORIES

C-Arm no. 1 | standard | GT

Item no. 495520

Elektrodes	Electrode caps
C-electrode curved	Ø 16 mm

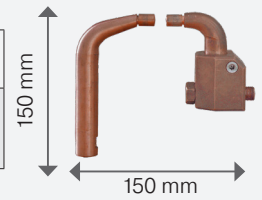


Electrode set no. 7 | 90° angle

Item no. 495607

For C-Arm No. 1

Electrodes	Electrode caps
Electrode 149 mm curved Electrode short curved Electrode holder	Ø 16 mm



Electrode set no. 9 | 38° angle | incl. holder

Item no. 495645

For C-Arm No. 1

Electrodes	Electrode caps
Electrode bent 38° long Electrode bent 38° short Electrode holder	Ø 16 mm



Electrode | curved | 149 mm

Item no. 495676



Electrode | curved | short

Item no. 495695



Item no.	495627	495693	495694
Description	Electrode holder set no. 7 / no. 9	Screw bolt set no. 7 / no. 9	O-rings screw bolt
PU	1 pc.	1 pc.	3 pcs.



Electrode set no. 12 | 38° angle

Item no. 495646

For C-Arm No. 1

Electrodes	Electrode caps
Electrode bent 38° long Electrode bent 38° short	Ø 16 mm



Electrode | curved | long | Electrode set no. 9

Item no. 495677

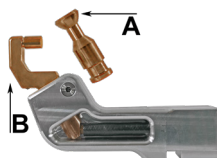
Electrodes	Electrode caps
Electrode bent 38° long	Ø 16 mm



C-Arm no. 2 | for wheel arches

Item no. 495602

Electrodes	Electrode caps
Electrode A Mushroom shape Electrode B Spoon shape	Ø 13 mm



Electrode set no. 11 | 90° angle

Item no. 495606

For C-Arm No. 1

Electrodes	Electrode caps
Electrode 121 mm Electrode 28 mm	Ø 16 mm



Item no.	497070	497072	495623	495622
Description	Electrode A Mushroom shape	Electrode B Spoon shape	Electrode 28 mm	Electrode 121 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.



SPARE PARTS | CONSUMABLES | ACCESSORIES

C-Arm electrode attachment with rocker | no. 10

Item no. 495604

C-arm electrode attachment with rocker including finger-shaped electrode and flat electrode for facilitated work on wheel arches. Suitable for all welding tasks where conventional electrodes lack accessibility. Full functionality of the automatic mode is guaranteed.



C-Arm electrode attachment with rocker

Item no. 495688

C-Arm electrode attachment with rocker for welding very narrow metal strips. Thanks to the concentric electrodes, which shift the welding point from the center outwards, it reaches into every corner.



electrode 83 mm

Spare parts		
Item no.	495659	497073
shape	Electrode flat	Electrode F Finger shape
PU	1 pc.	1 pc.



Electrodes hexagonal		
Item no.	495669	495679
shape	centric	concentric
PU	1 pair	1 pair



Electrode caps / tips							
Item no.	497096	497079	497081	497097	497085	497076	497105
Type	A-32	B	E	A-40	D	P	D
Diameter / Ø	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm
Shape		conical-flat		R40	conical-flat	eccentric	38°
Suitable for	C-Trafogun AUTOMATIC	C-Trafogun	C-Trafogun	C-Trafogun	C-Trafogun	C-Trafogun	electrode set no. 9 and no. 12.
PU	6 pcs.	4 pcs.	4 pcs.	6 pcs.	4 pcs.	4 pcs.	6 pcs.

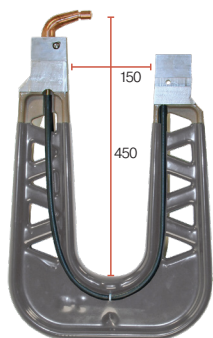


length	type shape	image	suitable for C-Arm							Item no.	
			no. 1	no. 2	no. 3	no. 4	no. 5	no. 6	no. 7		
46 mm	straight								•		495621
83 mm	straight					•				•	495617
135 mm	straight	 standard						•			495667
170 mm	straight					•					495619
260 mm	straight					•					495616
	c-shape curved		•		•			•			495635

C-Arm no. 3 | GT

Item no. 495625

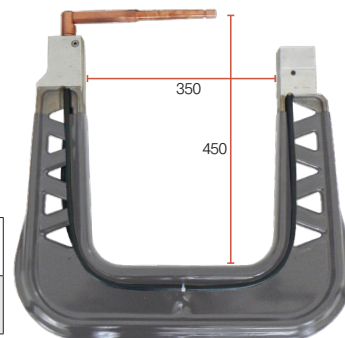
Electrodes	Electrode caps
C-Electrode curved	Ø 16 mm



C-Arm no. 4 | GT

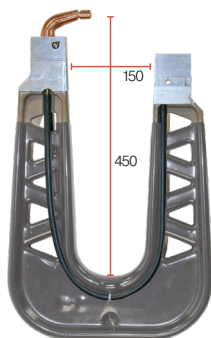
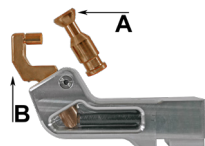
Item no. 495615

Electrodes	Electrode caps
Electrode 260 mm Electrode holder	Ø 16 mm



C-Arm set | C-Arm no. 2 + C-Arm no. 3 | GT

Item no. 495626

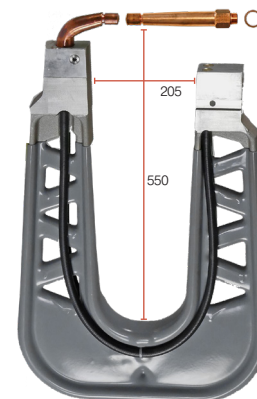


electrode type	electrode caps
C-sleeve curved electrode A elektrode B	Ø 16 mm

C-Arm no. 5 | GT

Item no. 495626

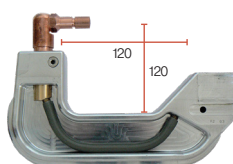
electrode type	electroden caps dia./ Ø
C-sleeve curved sleeve 135 mm copper sealing washer	Ø 16 mm



C-Arm no. 6 | GT

Item no. 495611

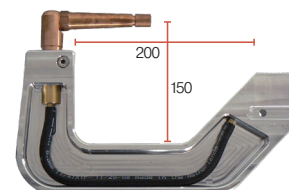
Electrodes	Electrode caps
Electrode 46 mm Electrode holder	Ø 16 mm



C-Arm no. 7 | GT

Item no. 495650

Electrodes	Electrode caps
Electrode 83 mm Electrode holder	Ø 16 mm



Electrode caps / tips

Item no.	495618	495692	495669	
Description	Electrode set 170 mm C-Arm no. 4	sleeve fixture for C-arm No.4	electrode caps hexagonal	
PU	1 pair	1 pc.	2 pcs.	



Quick pulling hammer | Set for InvertaSpot GT

Item no. 478100

Quick pulling hammer set for the InvertaSpot GT and the welding gun PSP 60.

Scope of delivery:

- 1 x 501025 Slide hammer | universal
- 1 x 501033 Electrode for triangle dent pulling washers | M14
- 1 x 501034 Hook for washers | M14
- 1 x 297009 Washers | DIN 125 | Ø 8.4/16 mm | PU: 100 pcs.
- 1 x 297013 Triangle dent pulling washers | PU: 15 pcs.



Slide hammer | universal

Item no. 501025

Universal slide hammer for use with the dent point on spot welding devices. Suitable for the InvertaSpot GT and the welding gun PSP 60.



Electrodes for triangle dent pulling washers

Item no.	501031	501033
Thread	M10	M14
PU	1 St.	1 St.



Hook for washers

Item no.	501034
thread	M14
PU	1 St.



Electrodes for single sided spot welding gun PSP

Item no.	497014	497015	497019	497021	497023	497017
Application	Wiggle wire	Washers	T-pins	Studs 2-2.5 + 4 mm	Studs 5 + 6 mm	Metal shrinking
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Weld on material

Item no.	297013	297009	497028	497025
Description	Triangle dent pulling washers	Washers DIN 125 Ø 8.4/16 mm	Washers copper plated Ø 8/16 mm	Weld nut M8
PU	15 pcs.	100 pcs.	100 pcs.	25 pcs.



Carbon electrode | Ø 9.5 mm

Item no. 297107

Used for sheet metal upsetting and sheet metal drawing.
It is compatible with single-sided spot-welding guns. Has a length of 305 mm.



Carbon electrode | Ø 12 mm

Item no. 497026

Carbon electrode with a length of 150 mm and a diameter of 12 mm for single sided spot welding gun PSP GT.



Electrode for spot welding gun PSP | Ø 12/10 mm

Item no. 297106

Electrode for one-sided resistance spot welding.
Length: 98.5 mm



SHIELDED GAS WELDING MACHINES

InvertaPuls IP 4-3 ACT	Power supply	Welding power
Item no. 341298 steel / brazing / aluminium kit	3 x 400 V	10-240 A
Item no. 341299 steel / brazing / aluminium kit	3 x 200 V	10-280 A

The InvertaPuls IP 4-3 is the ideal welding machine for steel welding and MIG brazing, perfectly tailored to the needs of bodywork professionals. Equipped with connections for up to three torches and automatic torch recognition, it enables easy handling and maximum flexibility. Thanks to the automatic „hold function“ of the welding parameters and the robust wire feed unit with 4-roller drive, the InvertaPuls IP 4-3 guarantees maximum efficiency and precision in every application.

Features

- Automatic torch recognition
- Higher welding speed
- Lower heat input
- Very good gap bridging
- Less material distortion
- Automatic „hold function“ of the welding parameters
- Welding programmes for: MIG soldering (CuSi3, AlBz8, CuAl8) | steel/stainless steel aluminium | TIG | flux-cored wire | electrode welding
- Lower heat input
- Saving of individual welding programs
- Integrated interface for software updates

Equipped with:

- 1 x 337219 Wire feed rollers | steel | 0.6 mm & 0.8mm | PU: 2 pcs.
- 1 x 337220 Wire feed rollers | steel | 0.8 mm & 1.0 mm | PU: 2 pcs.
- 1 x 337221 Wire feed rollers | aluminium | 1.0 mm & 1.2 mm | PU: 2 pcs.
- 1 x 308110 Torch 3G | Steel welding | 3.0 m
- 1 x 308111 Torch 3G | ALU welding | 3.0 m
- 1 x 308116 Torch 3G | MIG soldering (CuSi3) | 3.0 m
- 1 x 304053 Ground cable with clamp | 5 m | 35 mm² | SK 35
- 1 x 311044 Double branch valve 1/4" for manometer (only DE and AT)
- 1 x 307060 Contact tips M6 x 28 mm | 10-piece set
- 1 x User manual



T E S L A
 APPROVED EQUIPMENT

InvertaPuls IP 6-2 ACT	Power supply	Welding power
Item no. 331007 steel / aluminium kit	3 x 400 V	10-280 A
Item no. 332007 steel / aluminium kit	3 x 200 V	10-280 A

The Inverter MIG-MAG welding machine for body repair with ACT (Automotive Cold Transfer) offers a range of impressive features that make it the ideal choice for vehicle body repair. With two welding torches for two wires, it enables efficient operation while focusing on superior thin sheet welding.

Features

- Synergy parameters
- Lower heat input
- Very good gap bridging
- Less material distortion
- Automatic „hold function“ of the welding parameters
- Saving of individual welding programs
- Integrated interface for software updates

Equipped with:

- 2 x 337220 Wire feed rollers | steel | 0.8 mm & 1.0 mm
- 1 x 337221 Wire feed rollers | aluminium | 1.0 mm & 1.2 mm
- 1 x 308110 Torch 3G | Steel welding | 3.0 m
- 1 x 308111 Torch 3G | ALU welding | 3.0 m
- 1 x 304053 Ground cable with clamp | 5 m | 35 mm² | SK 35
- 1 x 311044 Double branch valve 1/4" for manometer
- 1 x operating instructions



T E S L A
 APPROVED EQUIPMENT

InvertaPuls IP 7-2 ACT	Power supply	Welding power
Item no. 331027 steel / aluminium kit	3 x 400 V	10-280 A
Item no. 332027 steel / aluminium kit	3 x 200 V	10-280 A

The InvertaPuls IP 7-2 impresses with its effortless operation thanks to a simple, easy-to-understand interface. The four extra-large 37 mm drive rollers provide a large contact surface for the welding wire, which enables optimum wire feed. With two torches, ergonomic torch removal and a slim design, the IP 7-2 is perfect for any use in body shops.

T E S L A

APPROVED EQUIPMENT

Features

- Automatic torch recognition
- Higher welding speed
- Lower heat input
- Very good gap bridging
- Less material distortion
- Automatic „hold function“ of the welding parameters
- Welding programmes for: MIG soldering (CuSi3, AlBz8, CuAl8) | steel/stainless steel aluminium | TIG | flux-cored wire | electrode welding
- Lower heat input
- Saving of individual welding programs
- Integrated interface for software updates

Equipped with:

- 1 x 337219 Wire feed rollers | steel | 0.6 mm & 0.8mm | PU: 2 pcs.
- 1 x 337220 Wire feed rollers | steel | 0.8 mm & 1.0 mm | PU: 2 pcs.
- 1 x 337221 Wire feed rollers | aluminium | 1.0 mm & 1.2 mm | PU: 2 pcs.
- 1 x 308110 Torch 3G | Steel welding | 3.0 m
- 1 x 308111 Torch 3G | ALU welding | 3.0 m
- 1 x 304053 Ground cable with clamp | 5 m | 35 mm² | SK 35
- 1 x 307060 Contact tips M6 x 28 mm | 10-piece set
- 1 x User manual



Info

- * ACT = Automotive Cold Transfer welding mode for thin sheet metal
- ** WG = wire guidance

picture shows optional accessories



SPARE PARTS | CONSUMABLES | ACCESSORIES

Accessories for InvertaPuls devices		
Item no.	337204	337236
Description	Torch hanger for 3 torches	Wheel spacer for 50 l gas cylinders
PU	1 pc.	1 pc.

item supplied without torches



Accessories for InvertaPuls IP 6 IP 6-2 devices			
Item no.	337173	337184	311045
Description	Handle with torch holder for IP 6 IP 6-2	Cable holder	Sheet adapter for IP 6-2 for second gas bottle
PU	1 pc.	1 pc.	1 pc.

item supplied without torches



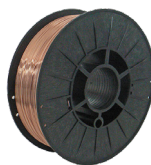
Wire liner and conductor			
Item no.	337107	337109	337142
Description	Wire liner steel 3 m blue	Plastic liner MIG soldering 3.5 m black	PTFE liner MIG-MAG 3.5 m red
Wire diameter	0.8 mm & 1.0 mm	0.8 mm & 1.0 mm	1.0 mm & 1.2 mm
PU	1 pc.	1 pc.	1 pc.



including a 22 cm copper spiral

The liners are installed within the torch cable and guide the welding wire from the feeder to the welding point. To ensure stable wire feeding, timely replacement of the liners is recommended.

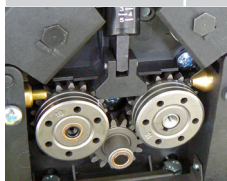
Welding wire



Item no.	311007	311087	311014
Item	Welding wire Union X96	Welding wire Union X96	Tesla Alu Welding Wire 1022767-00-A
Wire diameter	0.8 mm	0.8 mm	1.2 mm
Coil Type	K300	D200	D200
Weight	15.0 kg	5.0 kg	5.0 kg

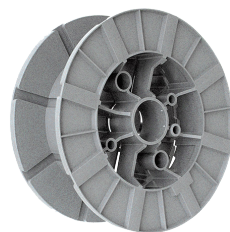
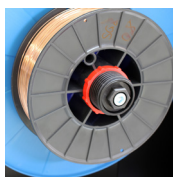
Wire feed rollers

Item no.	337219	337220	337221	337143	337110
Welding device	IP4 IP6 IP7 IM 240	IP4 IP6 IP7 IM 240	IP4 IP6 IP7 IM 240	O-ring for PTFE liners	Copper spiral 22 cm
Wire diameter	0.6 & 0.8 mm	0.8 & 1.0 mm	1.0 & 1.2 mm		
Type	Steel MIG	Steel MIG	ALU		
PU	2 pcs.	2 pcs.	2 pcs.	1 pc.	1 pc.



Accessories for welding wire

Item no.	307004	307003	307002
Description	Centering adapter for wire coil D200	Adapter for basket wire coil K300 2 parts	Adapter for basket wire coil K300 1 part
PU	1 pc.	1 pc.	1 pc.



The centring adapter set is used to align the D200 wire coils on the spool mandrel so that the wire can run straight into the wire inlet.

Scope of delivery:

1 × adapter for wire coil

1 × spacer ring | 15 mm | Ø 55 mm

2 × spacer rings | 10 mm | Ø 55 mm

SPARE PARTS | CONSUMABLES | ACCESSORIES

3G torches for InvertaPuls IP4 | IP6

With its compact blue mini handle, this welding torch combines maneuverability and optimal accessibility, even in challenging space conditions.

Features

- cooling type: gas cooled
- load capacity: 180 A | mixed gas (60 %)
- wire diameter: 0.8-1.2 mm
- easy to service due to exchangeable nozzle holder



Item no.	308110	308111	308116
Description	Torch 3G Steel 3 m Ø 0.8 mm nozzle blue liner	Torch 3G ALU 3 m Ø 1.0 mm nozzle red liner	Torch 3G MIG 3 m Ø 0.8+1.0 mm nozzle black liner
PU	1 pc.	1 pc.	1 pc.



Spare parts for 3G torches

307010	307011	307015	307018
Gas nozzle with splash guard conical Ø 12.5 mm	Gas nozzle with splash guard cylindric Ø 17 mm	Torch neck 3G	Torch neck mini 3G
1 pc.	1 pc.	1 pc.	1 pc.



307012	307014	307016	307013
Splash guard for gas nozzle 3G	Clamping sleeve for gas nozzle 3G	Isolating sleeve 3G	Nozzle holder 3G
1 pc.	1 pc.	1 pc.	1 pc.



Force 200 torches

Item no.	308101	308102	308103
Description	Torch Force 200 ALU 3 m Ø 1.0 mm nozzle red liner	Torch Force 200 MIG 3 m Ø 0.8 mm nozzle black liner	Torch Force 200 Steel 3 m Ø 0.8 mm nozzle blue liner
PU	1 pc.	1 pc.	1 pc.



Spare parts for Force 155/200 torches

Item no.	307008	307009	307070	307040	307071	307072
Description	Insulation sleeve Force MF 200	Nozzle holder Force 200	Gooseneck Force 155/200	Gas nozzle chrome plated conical Ø 12.5 mm	Hexagon nut short M10 × 1 × 5 mm	Hexagon nut long M10 × 1 × 26 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Current nozzles							
Item no.	307033	307035	307036	307037		307045	307046
Size	M6 x 25	M6 x 25	M6 x 25	M6 x 28		M6 x 25	M6 x 25
Ø diameter	0.6 mm	0.8 mm	1.0 mm	0.8 mm		1.0 mm	1.2 mm
Type	Steel / MIG	Steel / MIG	Steel / MIG	Steel / MIG		ALU	ALU
Material	ECu	ECu	ECu	ECu		ECu	ECu
Torch	3G Force 155/200	3G Force 155/200	3G Force 155/200	3G Force 155/200		3G Force 155/200	3G Force 155/200
PU	10 pcs.	10 pcs.	10 pcs.	10 pcs.		10 pcs.	10 pcs.



Item no.	307052	307053	307054			307050	307051
Size	M6 x 28	M6 x 28	M6 x 28			M6 x 28	M6 x 28
Ø diameter	0.8 mm	1.0 mm	0.6 mm			1.0 mm	1.2 mm
Type	Steel / MIG	Steel / MIG	Steel			ALU	ALU
Material	ECu	ECu	ECu			ECu	ECu
Torch	3G Force 155/200	3G Force 155/200	3G Force 155/200			3G Force 155/200	3G Force 155/200
PU	10 pcs.	10 pcs.	10 pcs.			10 pcs.	10 pcs.



Gas nozzles				
Item no.	307010	307011	307040	307047
Length	63.5 mm	63.5 mm	54 mm	63 mm (56 mm)
Ø (inside)	12.5 mm	17 mm	12.5 mm	16 mm
Form / type	conical pluggable	cylindrical pluggable	conical, pluggable	
Coating	copper	copper	conical chrome plated	chrome-plated
Torch	3G	3G	Force 155/200	Force 155/200
PU	1 pc.	1 pc.	1 pc.	1 pc.



Aluminium crack testing				
Item no.	311051	311050	311052	311053
Description	Crack testing agent cleaner Ardrox 9PR5 400 ml	Crack testing agent diffusion red Ardrox 9VF2 400 ml	Crack testing agent developer Ardrox 9D1B 400 ml	Crack diagnosis spray 3-piece set
PU	1 pc.	1 pc.	1 pc.	1 pc.



Application:

1. Clean the surface thoroughly with cleaner Ardrox 9PR5.
2. Apply penetration spray Ardrox 9VF2 and leave to work for approx. 10-20 minutes.
3. Thoroughly clean the surface again with cleaner Ardrox 9PR5.
4. Apply developer spray Ardrox 9D1B until reaction.
5. Check the surface for cracks.



Temperature indicator sticks

Temperature indicators are temperature indicating pens with a calibrated melting point. The marking melts when the corresponding temperature is reached. It has an accuracy of +/- 1 % of the nominal temperature.

For determining the surface temperature at:

- Welding and metal fabrication
- Preheating
- Intermediate storage
- Heat treatment after welding
- Soft annealing
- Stress relief annealing

Application:

Mark the workpiece before or during heating. When the nominal temperature is reached, the marking melts (runs) clearly visible.

Item no.	Colour	Melting point	PU
311062	Red	100 °C	1 pc.
311063	Green	204 °C	1 pc.
311064	Yellow	400 °C	1 pc.
311065	Blue	500 °C	1 pc.

LEAD AND SULPHUR FREE



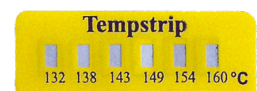
Temperature indicator strips

The 6-field measuring strips offer a cost-effective solution for large-scale use and are ideal for applications with limited space. Designed to indicate irreversible temperature overshoots, they provide reliable temperature monitoring—perfect for heating aluminum parts before dent removal or during straightening work. Featuring a horizontal six-digit scale in °C, these strips ensure precise and efficient temperature control.

Scope of delivery:

1 x Booklet of 10 measuring strips

Item no.	Temperature up to	PU
311060	160 °C	10 pcs.
311061	127 °C	10 pcs.



Welding screen Landskit 2000

Item no. 881220

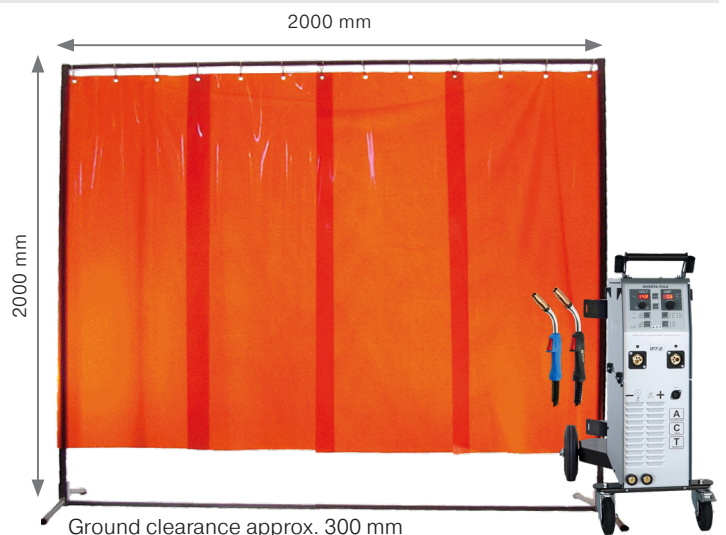
Mobile welding protection screen with a slat length of 1800 mm for flexible use.



colour orange



An advantage of welding curtains in orange is their transparency, which allows you to observe the welding process without suffering radiation damage to your eyes.



Special pliers | Inert gas welding

Item no. 311041

Special pliers with 4 functions for power nozzles with a diameter of 12-15 mm.

- Removal of the shielding gas nozzle
- Fast and precise trimming of the welding wire
- Time-saving cleaning of the shielding gas nozzle
- Loosening and tightening of the power nozzle



Farriers pincers | Pliers for vehicle bodywork | 790 g

Item no. 561030

The car body stripper is a special tool that was developed for dismantling work in car body construction. The cutting edges are additionally hardened and have a hardness of approx. 59 HRC. The tool is made from special tool steel, which is forged and oil-hardened. The pliers are black atramentised, while the head is polished.



Gas flow tester | CO2 + Argon

Item no. 311048

This gas flow meter is used for precise measurement of the flow rate of argon and CO₂. It is very accurate and provides precise results for gas volume metering.



Protection paste for gas nozzles | silicone-free | 350 ml

Item no. 311026

This silicone-free gas nozzle protection paste prevents the rapid clogging of welding torches due to welding spatter on gas and power nozzles.



Welding and work gloves | cow grain leather | XL

Item no. 881036

Durable gloves made from thick, oil and water-resistant cowhide leather with a textured surface. Padded back for added protection, unlined inside for better grip, and reinforced with 4-fold Kevlar stitching for durability and strength. With a length of 36 cm, these gloves also offer protection for the forearm.



Pressure reducer ProControl | 200 bar

Item no. 311042

Pressure reducer for all common applications with technical gases. Manufactured according to the highest safety standards of ISO 2503. The robust rubber protective cap is rear-sealed for optimal all-round protection against damage and contamination. Long lifespan resulting in cost savings for servicing, spare parts, and repairs. Latest Encapsulated Technology for precise and stable control behavior, ensuring a process-secure, simple, and user friendly operation.

Additional product information

- Working pressure gauge double scale Argon 5, 32 l/min - red line at 24 l/min - CO₂ 5, 30 l/min - red line at 23 l/min
- Content manometer 0 - 315 / 200 bar - red line at 200 bar



Ground clamp without cable

Item no. 374415

Ground clamp with copper braiding without ground cable. A crucial component in MIG-MAG welding. Only a clean and perfect ground clamp ensures a trouble-free and stable arc.



Nozzle cleaning needle set | 13 pcs.

Item no. 311040

Nozzle cleaning needle set for cleaning of oxyacetylene welding nozzles. With approximately 90 mm long needle files from Ø 0.4 to 1.6 mm including 1 flat file for cleaning welding nozzles.



Welding protection spray Trennfix | silicone-free

Item no. 311020

Trennfix the silicone-free welding protection spray is an extremely efficient separating and lubricating agent. It prevents the rapid clogging of welding torches due to weld spatters on gas and power nozzles.



Double branch valve 1/4" for manometer

Item no. 311044

Double branch valve with nuts and 4 mm sockets for oxygen and argon.



MIG-MAG torch holder with magnetic foot

Item no. 311043

Double branch valve with nuts and 4 mm sockets for oxygen and argon.



Ground cable with clamp | 5 m | 35 mm² | SK 35

Item no. 311044

Ground cable with clamp with copper braiding without ground cable. A crucial component in MIG-MAG welding. Only a clean and perfect ground clamp ensures a trouble-free and stable arc.



PROTECTION BLANKETS

Welding protection blanket | 100 × 100 cm

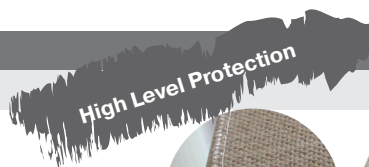
Item no. 881011

Essential for welding, soldering, and tinning

The protective mat effectively prevents fire holes by ensuring that collected welding droplets do not penetrate its surface. Unlike asbestos mats, it poses no health risks, making it a safe and reliable choice.

Material: Tectalon® 1100 Niro / Stainless steel fabric core

Maximum temperature resistance: 700°C



Grinding protection blanket

Item no.	881004	881003	881002	881001
Dimensions	1000 × 1000 mm	2000 × 1500 mm	2500 × 1250 mm	3000 × 2500 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.

Damage to the paintwork or splashes on car windows caused by flying sparks usually have to be replaced at the garage's expense. This would be many times more expensive than purchasing these inexpensive and extremely effective protective blankets. The blankets offer comprehensive protection for paintwork, windows, seats and trim during work on the vehicle.

The protective blankets are made of high-quality carbon fiber and are characterized by their temperature resistance, non-flammability, textile-like texture and softness. Even hot and sharp-edged abrasive particles are unable to penetrate the fabric. After use, simply shake out the blanket to make it ready for use again.

Material: stainless steel fabric core with max. temperature resistance **500 °C**



Protection blankets | 3-piece set

Item no. 882001

Scope of delivery:

1 x 881002 Grinding protection blanket | 250 × 125 cm

1 x 881003 Grinding protection blanket | 200 × 150 cm

1 x 881011 Welding protection blanket | 100 × 100 cm



Spark resistant car door cover | 100 × 125 cm

Item no. 881005

Optimal protection for car doors

Made from high-temperature-resistant carbon fiber, this protective cover is non-flammable and features a soft, fabric-like texture for easy handling. Hot, sharp-edged abrasive particles cannot penetrate the material, ensuring reliable protection. After use, simply shake it out for quick and effortless cleaning.



Spark protection blankets | glass fabric

Item no.	881007	881009	881010	881008
Dimensions	1000 × 1500 mm	2000 × 1500 mm	2500 × 1250 mm	3000 × 2500 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.



Spark protection blanket made of glass fabric. The prevention of ignition hazards during welding or cutting work requires above all the effective covering of combustible surfaces with qualified spark protection blankets. Special coatings combined with the fabric weave and thickness provide the highest level of protection against mechanical stress.

- With Alufix coating
- Sliding-resistant
- Flame-resistant: B - s2, d0 according to DIN EN 13501-1
- Protection against sparks and cutting splashes
- Enduringly resilient up to 550 °C briefly up to 600 °C

Automatic welding helmet WS 07 Pro

Item no. 881047

This welding helmet with modern sensor technology and automatic dimming has an extra wide and well-padded headband. This increases wearing comfort and noticeably reduces fatigue. Each welding helmet contains two built-in button cells. The following product features make our welding helmet particularly valuable.

Product features

- Extra large viewing window 97 x 60 mm
- Excellent reaction time of 1/20,000 seconds
- Variable darkening protection in steps from 9 to 13
- Fine adjustment of the optics sensitivity
- 4 independent arc sensors
- Power-saving automatic switch-off - Auto-ON /Auto-OFF
- Quick and easy replacement of the filter protection screens



Automatic welding helmet Kaiman

Item no. 881043

The automatic welding helmet Kaiman is versatile and features an automatic darkening function. Equipped with 4 sensors, internal control, and the True Color System, it facilitates welders in detecting objects in the work area. This helps reduce fatigue. The Kaiman filter cartridge has an innovative true-color system. Through a special coating on the filter, visibility becomes sharper and clearer, resulting in a more realistic representation. Additionally, the increased contrast sharpness allows welding technicians to see the weld pool better and work more precisely.

Area of application

- MIG-MAG (GMAW)
- WIG (GTAW) > 20 A
- Electrode
- OXYGAS
- Cutter



Automatic welding helmet P850

Item no. 881042

The automatic welding helmet P850 is ideal for those seeking a reliable and aesthetically pleasing product. The helmet features two sensors for automatic darkening and allows for external adjustment of the protection level according to DIN standards. Equipped with True Color Technology, the helmet provides a clear and sharp view, making it easier for the welder to identify objects in the work area and reducing fatigue. Thanks to the external regulation, the welder can effortlessly switch to grinding mode (GRIND) without having to remove the helmet.

Features

- Optical class 1/1/1/2
- Field of view: 96 x 39 mm
- Filter size: 110 x 90 x 9 mm
- 2 sensors
- Response time < 0.3 ms
- External degree control DIN 4 / 9-13
- Internal delay time 0.1 - 1.0 s
- Internal sensitivity regulation
- battery supply + solar cells
- weight: 485 g



Spare parts & accessories WS 07 Pro

Item no.	804048	884042	884043	884047
Description	Auto-darkening lens	Protective glass outside	Protective glass inside	Button cell CR 2450 3 V
PU	1 pc.	10 psc.	10 psc.	1 pc.



Item no.	884044	884048	884050	884051
Description	Welding helmet headgear	Sweatband with Velcro	Welding glass Athermal DIN 11 90 x 110 mm	Cover lens 90 x 110 mm DIN /CE
PU	1 pc.	2 psc.	10 psc.	10 psc.



Proven welding protection glass according to DIN EN 166/169. For use in welding shields, head hoods or welding protection hoods. The glass is tinted in protection level DIN A11 . Recommended protection levels for eye protection:
Electrode welding: 50 - 149 A | MAG welding: 40 - 99 A | MIG welding: 80 - 174 A | MIG welding ALU sheets: 100-174 A | WIG welding: 100 - 174 A Hollow electrode: 80 - 124 A

Pneumatic Air Body Saws

Air Body Saw WPS 2000

Item no. 120010

The WPS 2000 is an all-rounder saw for bodywork. It is designed for daily cutting and separating tasks and offers highest quality and maximum service life through special bi-metal saw blades and ensures absolutely burr-free cutting with 12.000 strokes per minute.

WELL-ESTABLISHED

- Saw blade | bi-metal | 14 tpi: For wood, aluminum, composites and plastics.
- Saw blade | bi-metal | 18 tpi: For tight radii, work on the dashboard
- Saw blade | bi-metal | 24 tpi: For sheet combinations up to 4 mm
- Saw blade | bi-metal | 28 tpi: For so-called hybrid materials (aluminum-steel-GFRP)
- Saw blade | bi-metal | 32 tpi: For thin sheet and high-strength steels up to 1 mm

Scope of delivery:

- 1 x Air Body Saw WPS 2000
- 1 x Compressed air hose with air connection
- 1 x Saw blade | bi-metal | 14 tpi
- 1 x Saw blade | bi-metal | 18 tpi
- 1 x Saw blade | bi-metal | 24 tpi (mounted)
- 1 x Saw blade | bi-metal | 28 tpi
- 1 x Saw blade | bi-metal | 32 tpi
- 1 x Mounting tool
- 1 x Carrying case
- 1 x Instruction manual (multilingual)



stroke	power	vibration	stroke rate	weight	length
8 mm	310 W	24 m/s ²	12.000 spm	810 g	220 mm

Air Body Saw WPS 3000

Item no. 120030

The WPS 3000 is a handy, powerful and quiet professional body saw. Due to the remarkably low vibrations of 2.5 m/s² according to ISO 8662, the noise of the saw is reduced to a minimum and the device is designed for continuous operation. The WPS 3000 also fulfils the health and safety standards of the employers' liability insurance association. A long stroke of 10 mm results in perfect cutting performance and a reduced sound pressure level of 77.4 dB(A) (according to ISO 15744).

LOW-VIBRATION
< 2.5 m/s² according to ISO 8662

- Saw blade | bi-metal | 14 tpi: For wood, aluminium, composite materials and plastic
- Saw blade | bi-metal | 18 tpi: For tight radii, work on the dashboard
- Saw blade | bi-metal | 24 tpi: For sheet metal combinations up to 4 mm
- Saw blade | bi-metal | 28 tpi: For "hybrid materials" (aluminium-steel-GRP)
- Saw blade | bi-metal | 32 tpi: For thin sheet metal and high-strength steels up to 1 mm

Scope of delivery:

- 1 x Air Body Saw WPS 3000
- 1 x Compressed air hose with connector
- 1 x Saw blade | bi-metal | 14 tpi
- 1 x Saw blade | bi-metal | 18 tpi
- 1 x Saw blade | bi-metal | 24 tpi (mounted)
- 1 x Saw blade | bi-metal | 28 tpi
- 1 x Saw blade | bi-metal | 32 tpi
- 1 x Assembly tool
- 1 x Transport case
- 1 x Instruction manual (multilingual)

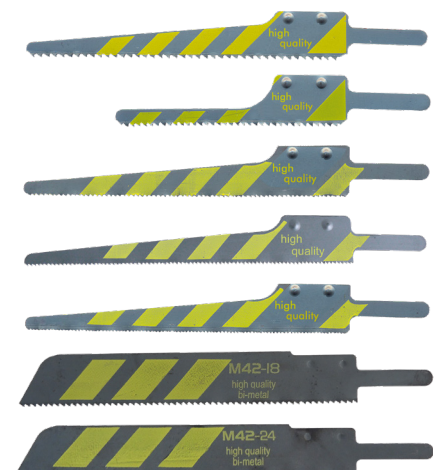


stroke	power	vibration	stroke rate	weight	length
10 mm	300 W	< 2.5 m/s ²	12.000 spm	830 g	280 mm

Bi-metal saw blades

for body saws WPS 2000 | WPS 3000

Item no.	tpi	Item Application	PU
197000	14	wood, aluminium, composites, plastic	10 psc.
197001	18	for tight radii in metal and plastic	10 psc.
197002	24	double and triple sheets up to 4 mm	10 psc.
197004	28	thin, double sheets and aluminium up to 3 mm	10 psc.
197003	32	universal saw blade thin sheets and high-strength steels up to 1 mm	10 psc.
197007	18	Saw blade M42 80 mm for demanding requirements on longitudinal chassis beams	3 psc.
197008	24	Saw blade M42 80 mm for demanding requirements on longitudinal chassis beams	3 psc.



Air Body Saw WPS 4000 LV

Item no. 120060

The WPS 4000 LV - Your solution for demanding tasks!

CONCENTRATED POWER

This body saw is specifically engineered to process extremely tough and resilient materials, suitable for USIBOR, BTR, TRIP, ZSTE, Aluminum, Cast Iron, and more. The WPS 4000 LV stands out with its vibration-reduced drive (only 3.5 m/s²), delivering immense power and performance even in the face of the most challenging tasks. Simultaneously, it remains ergonomic and versatile.

- Saw blade M42 | 10 tpi | 100 mm: Designed for Aluminum
- Saw blade MPM | 18 tpi | 100 mm: Designed for High Strength Steel
- Saw blade TCT | 18 tpi | 90 mm: Designed for Ultra High Strength Steel

Scope of delivery:

- 1 x Air Body Saw WPS 4000 LV
- 1 x Saw blade M42 | 10 tpi | 100 mm
- 1 x Saw blade MPM | 18 tpi | 100 mm
- 1 x Saw blade TCT | 18 tpi | 90 mm
- 1 x Compressed air hose with air connection
- 1 x Assembly tool
- 1 x Transport case
- 1 x Instruction manual (multilingual)



stroke	power	vibration	stroke rate	weight	length
20 mm	400 W	3.5 m/s ²	7.000 spm	1.28 kg	280 mm

Bi-metal saw blades

for body saw WPS 4000

Item no.	tpi	item	length	Application	PU
197024	10	M42	130 mm	aluminium, composites	1 pc.
197025	10	M42	100 mm	aluminium, composites	1 pc.
197023	18	MPM	130 mm	high-strength steels	1 pc.
197026	18	MPM	100 mm	high-strength steels	1 pc.
197027	18	TCT	90 mm	ultra high strength steels	1 pc.
197028	-	TCT Plus	90 mm	ultra high strength steels	1 pc.



Spare Parts WPS 2000 | WPS 3000 | WPS 4000 LV

Item no.	124027	124127	194070
item	Tool holder grey WPS 2000 WPS 3000	Tool holder red WPS 4000 LV	Tool holder clamp 3-piece set WPS 2000 WPS 3000
PU	1 pc. /	1 pc. /	1 pc. /



Accessories for Saws & Pneumatic Tools

Item no.	194000	637103	697003	697002	698007
Item	Pressure reducing valve 7 bar	Compressed air mini lubricator 1/4"	Air nipple type 26 DN 8 G 1/4"	Quick coupler for compressed air type 26 9 mm	Pressure reducer universal
PU	1 pc. /	1 pc. /	1 pc. /	1 pc. /	1 pc. /



PNEUMATIC SPOT WELD REMOVER

VarioDrill WS 90 with Variomatic

Item no. 601001

The pneumatic spot weld remover VarioDrill WS 90 with Variomatic has been developed for universal use in all vehicles. It efficiently removes and opens spot welds on both flanges and in internal areas. The 360° rotatable Variomatic handle reliably prevents slipping, while the depth stop protects the underlying sheet metal from damage. Additionally, the handle can be removed within seconds without the need for additional tools.

Scope of delivery:

- 1 x 602001 VarioDrill WS 90 without Variomatic
- 1 x 608020 Variomatic WS 90 | 900 U/min.
- 1 x 620200 Variatic cutter Z3 | 44 mm | Ø 8.0 mm
- 1 x 604108 Allen key SW2
- 1 x Transport case

speed	power	vibration	operating pressure	weight
900 rpm	370 W	1.07 m/s ²	6–8 bar	1.8 kg



ADVANTAGES

- Effortless operation
- Precise
- Milling depth continuously adjustable
- Easy and quick assembly
- With depth stop
- Suitable for high-strength and ultra-high-strength sheets
- Long lifespan

VarioDrill WS 90 with Jumbomatic

Item no. 601009

Scope of delivery:

- 1 x 602001 VarioDrill WS 90 without Variomatic
- 1 x 608018 Jumbomatic WS 90
- 1 x 620200 Variatic cutter Z3 | 44 mm | Ø 8.0 mm
- 1 x 604108 Allen key SW2
- 1 x Transport case



VarioDrill WS 90 without Variomatic

Item no. 602001

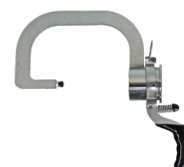
Scope of delivery:

- 1 x 602001 VarioDrill WS 90 without Variomatic
- 1 x 620200 Variatic cutter Z3 | 44 mm | Ø 8.0 mm
- 1 x 604108 Allen key SW2
- 1 x Transport case



Accessories

Item no.	608020	608018
Description	Variomatic WS 90	Jumbomatic WS 90
PU	1 pc.	1 pc.



Extensions for VarioDrill WS 90

Item no.	608012	608010	608011
Description	VD 305		
length	305 mm	135 mm	85 mm
PU	1 pc.	1 pc.	1 pc.



SPARE PARTS | CONSUMABLES | ACCESSORIES

BTR/BOR starter set | 4 cutters, fluid, punch

Item no. 622003

Scope of delivery:

- 1 x 620001 BTR/BOR cutter Z3 | 44 mm | Ø 8.0 mm
- 3 x 620200 Variantic cutter Z3 | 44 mm | Ø 8.0 mm
- 1 x 628005 Center punch with centering aid | Ø 8 × 70 mm | UHSS
- 1 x 628000 BTR/BOR Fluid | 125 ml



BTR/BOR Milling Cutters Set

Item no. 620116

Cutter set for removing spot welds with the VarioDrill WS 90.

Scope of delivery:

- 2 x 620000 BTR/BOR cutter Z3 | 44 mm | Ø 6.0 mm
- 2 x 620001 BTR/BOR cutter Z3 | 44 mm | Ø 8.0 mm
- 2 x 620006 BTR/BOR cutter Z3 | 44 mm | Ø 10.0 mm
- 1 x 628005 Center punch with centering aid | Ø 8 × 70 mm | UHSS



Spot weld cutter

Item no.	607001	607011	607013	607023	607021
Coating	VAPO	TIN-GOLD	VAPO	TiCN	VAPO
Suitable for	Steel	Steel	Steel	Steel	Steel
RPM (min ⁻¹)	795-995	795-995	795-995	795-995	708-885
Head-Ø	6 mm	8 mm	8 mm	8 mm	9 mm
Shank-Ø	8 mm	8 mm	8 mm	8 mm	8 mm
Total length	44 mm	44 mm	44 mm	44 mm	44 mm
Cutting edges	2	2	2	2	2
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



BTR/BOR cutter

Item no.	620000	620001	620002	620005	620006
Suitable for	HSS UHSS	HSS UHSS	HSS UHSS	HSS UHSS	HSS UHSS
RPM (min ⁻¹)	795-995	795-995	795-995	705-885	640-795
Head-Ø	6 mm	8 mm	8 mm	9 mm	10 mm
Shank-Ø	8 mm	8 mm	8 mm	8 mm	8 mm
Total length	44 mm	44 mm	44 mm	44 mm	44 mm
Cutting edges	3	3	3	3	3
PU	1 pc.	1 pc.	3 pc.	1 pc.	1 pc.



SPARE PARTS | CONSUMABLES | ACCESSORIES

Solid Carbide Cutter

The ultra high strength solid carbide drills Z4 remove spot welds even from the hardest materials.

USIBOR • BORON • BTR • ZSTE • Trip steel

Item no.	627005	627010	627020	627021	627022
Suitable for	HSS UHSS	HSS UHSS	HSS UHSS	HSS UHSS	HSS UHSS
RPM (min ⁻¹)	795-995	795-995	795-995	708-885	635-795
Head-Ø	5 mm	6.7 mm	8 mm	9 mm	10 mm
Shank-Ø	8 mm	8 mm	8 mm	8 mm	8 mm
Total length	49 mm	49 mm	44 mm	44 mm	44 mm
Cutting edges	3	3	4	4	4
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Variantic cutter

Item no.	620200	620205		620206	
Suitable for	Steel HSS	Steel HSS		Steel HSS	
RPM (min ⁻¹)	795-995	795-995		795-1115	
Head-Ø	8 mm	8 mm		10 mm	
Shank-Ø	8 mm	8 mm		8 mm	
Total length	44 mm	44 mm		44 mm	
Cutting edges	3	3		3	
PU	1 pc.	5 pcs.		1 pc.	



Centre punches

Item no.	628006	628007
Item	WS Special center punch 2F Self Piercing Rivets	Center punch Ø 5 × 120 mm
PU	1 pc.	1 pc.



Special center punch with self-centering for self piercing rivets.
Function 1: Marking the rivets from the head side of the rivet.
Function 2: Marking the rivets from the back side of the rivet.



Centre punches

Item no.	628005	932521
Item	Center punch with centering aid Ø 8 × 70 mm	Automatic center punch
PU	1 pc.	1 pc.



COUNTERSINK KIT

Drilling machine GTC-041B

Item no. 611122

Pneumatic drill with clockwise / counter-clockwise rotation and quick-release chuck.



Speed	Power	Vibration	Operating pressure	Weight
450 rpm	340 W	2.5 m/s ²	6 bar	1.75 kg

Drill Bits

Item no.	617014	617227	617228	620018	620024	620040	617256	617257
Item	TIN-GOLD	TIN	TIN				1065970-00-A	1065969-00-A
Suitable for	Steel	Alu Steel	Alu Steel	HSS UHSS	HSS UHSS	HSS UHSS		
RPM (min ⁻¹)	1195- 1395	1470-2450	1350-2250	1270- 1590	980- 1220	945- 1180		
Head-Ø	8 mm	6.5 mm	6.7 mm	5 mm	6.5 mm	6.7 mm	6.5 mm	4.8 mm
Shank-Ø	8 mm	6.5 mm	6.7 mm	8 mm	8 mm	8 mm	6.5 mm	4.8 mm
Total length	80 mm	100 mm	100 mm	70 mm	70 mm	70 mm		
Cutting edges	2	2	2	3	3	3	2	2
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Countersink Kit | No. 1065944-00-A | TESLA

Item no. 617250

Use the Countersink Kit to countersink holes for countersunk blind rivets so that the rivet sits flush to the surface of the surrounding material.

NOTE

Adjust the depth of the countersink cage assembly on scrap material before attempting to countersink a hole on a vehicle being repaired.

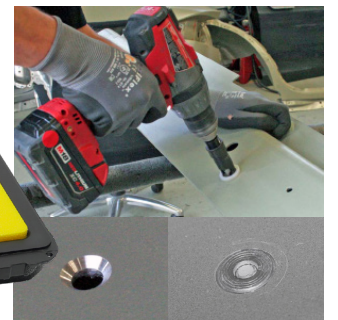
Scope of delivery:

- 6 × Pilot bits for 4.8 mm rivets (3/16 in)
- 2 × Countersink bits for 4.8 mm rivets (3/16 in)
- 2 × Countersink bits for 6.5 mm rivets (1/4 in)
- 6 × Pilot bits for 6.5 mm rivets (1/4 in)
- 2 × Nylon feet
- 1 × Countersink cage assembly
- 1 × Storage case



TESLA

APPROVED EQUIPMENT



Item no.	617252	617253	617254	617255
Item	Holder with depth stop	Countersink 100° with depth stop and 4.8 mm pilot	Countersink 100° with depth stop and 6.5 mm pilot	White plastic ring
Part no.	1065945-00-A	1065946-00-A	1065948-00-A	1065966-00-A
PU	1 pc.	1 pc.	1 pc.	1 pc.



MEC 600

MEC 600 Metal Edge Cutter | Full set with case

Item no. 640080

The pneumatic metal edge cutter MEC 600 has been developed for separating weld seams and for the secure and precise removal of the outer body skin. With two different cutting depths for aluminum and steel sheets, it ensures that only as much material is milled off at the wheel arch as necessary for the respective material, without damaging the inner sheet. The adjustable guide of the milling cutter allows for quick and easy adjustment of the MEC 600 to different angular positions of the body panels, while preserving the underlying sheet structure.

Additional advantages:

- Innovative HM special cutters for steel and aluminum
- High application safety when breaking laser weld seams (plasma torch seam)
- No sparks when used with cutting oil (BTR Fluid)
- No pre-heat treatment required on the body

Scope of delivery:

- 1 x Milling device
- 1 x 640053 Machine attachment V2 | MEC 600
- 1 x 640057 Locking nut | MEC 600
- 1 x 640063 HM Flat head cutter | LongLife
- 1 x 640052 Adjustment gauge V2 | MEC 600
- 1 x 640051 Finger guard | MEC 600
- 1 x Assembling tool
- 1 x Instruction manual



MEC 600 milling cutters

Item	HM Flat head cutter LongLife	HM Round head cutter for LWS LongLife	HM Flat head cutter for ALU
Ø	6 mm	6 mm	6 mm
Item no.	640063	640069	640062

MEC 600 accessories

Item	Machine attachment V2	Locking nut	Adjustment gauge V2	Finger guard
			for sheet metal thicknesses ranging from 0.6 to 1.5 mm	finger protection during milling
Item no.	640053	640057	640052	640051

MEC 600 lubricant

Item	BTR/BOR Fluid 125 ml	Drill wax stick 70 g
	for steel	for aluminium milling cutters
Item no.	628000	640068

The silicone-free cutting oil BTR Fluid increases the service life of cutters, drills, and saw blades when processing high-strength automotive body steel, ensuring optimal cutting performance.



BELT SANDERS

Belt sander 330 | pneumatic for sanding belts 10 × 330 mm

Item no. 671001

- especially suitable for narrow surfaces
- continuously variable speed adjustment
- belt quick change system
- automatic belt adjustment

Speed	Vibration	Operating pressure	Weight
10,500-16,000 rpm	2.5 m/s ²	6.3 bar	1.06 kg

Note: Releasing and separating weld spots, weld seams, and laser weld seams only in conjunction with the premium sanding belts K36, K60 and K80.



Belt Sander 457 | pneumatic for sanding belts 13 × 457 mm

Item no. 671002

The belt sander 457 is ideally suited for the final finishing of bodywork surfaces and particularly unleashes its full potential on narrow areas. Thanks to its stepless speed control, the sanding speed can be freely adjusted as needed by raising or lowering the lever.

For releasing and separating:

- Weld spots (Usibor, BTR-BOR, etc.)
- Weld seams (MIG-MAG, etc.)
- Laser weld seams

Speed	Vibration	Operating pressure	Weight
17.000 min ⁻¹	2,5 m/s ²	6,3 bar	0,850 kg

Note: Releasing and separating weld spots, weld seams, and laser weld seams only in conjunction with the premium sanding belts K36, K60 and K80.



Premium sanding belts

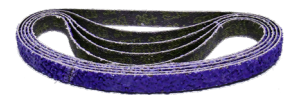
The high-quality sanding belts are designed for demanding grinding applications, including weld seam processing and bodywork repair. Featuring state-of-the-art ceramic abrasive grains with a precision-shaped, triangular structure, they ensure exceptional stock removal while minimizing heat buildup. This reduces metal discoloration, prevents oxidation, and lowers the risk of heat stress cracks.

Advantages:

- Maximum performance for all belt sander applications
- High cutting efficiency with a uniform finish
- Excellent tear resistance and flexibility
- Strong grain adhesion for extended service life

Ideal for spot weld removal, fine grinding of large areas, and surface structuring
The durable sanding belts provide reliable, high-performance results for professional use.

Item no.	Width	Length	Grit	PU
677007	10 mm	330 mm	K 36	10 psc.
677008	10 mm	330 mm	K 60	10 psc.
677009	10 mm	330 mm	K 80	10 psc.

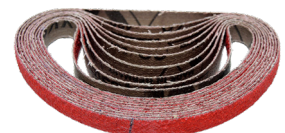


Item no.	Width	Length	Grit	PU
677020	13 mm	457 mm	K 36	10 psc.
677021	13 mm	457 mm	K 60	10 psc.
677022	13 mm	457 mm	K 80	10 psc.



Sanding belts

Item no.	Width	Length	Grit	PU
677011	10 mm	330 mm	K 80	10 psc.
677012	10 mm	330 mm	K 40	10 psc.
677013	10 mm	330 mm	K 60	10 psc.



GRINDERS

Angle grinder FX-8125 LA | pneumatic

Item no. 611135

Ideal for grinding, brushing, polishing, and rust removal tasks in automotive body repair.

Speed	Power	Vibration	Operating pressure	Weight
9,500 rpm	745 W	4.4 m/s ²	6 bar	1.8 kg



Angle grinder LC 04 | pneumatic

Item no. 631003

Speed	Vibration	Operating pressure	Air consumption	Weight
18,000 rpm	< 0.9 m/s ²	6–8 bar	85 l/min	0.89 kg



Axial grinder PK3132 | pneumatic

Item no. 631002

Speed	Vibration	Operating pressure	Air consumption	Weight
20,000 rpm	< 0.9 m/s ²	6–8 bar	85 l/min	0.87 kg



Solid carbide burrs

Item no.	637001	637002	637003
Head-Ø	10 mm	12 mm	12 mm
Length of head	20 mm	10.8 mm	25 mm
Shank-Ø	6 mm	6 mm	6 mm
Total length	60 mm	51 mm	65 mm
PU	1 pc.	1 pc.	1 pc.

Solid carbide burrs for aluminium

Item no.	637010	637011	637012
Head-Ø	12 mm	12 mm	12 mm
Length of head	25 mm	10 mm	30 mm
Shank-Ø	6 mm	6 mm	6 mm
Total length	65 mm	51 mm	70 mm
PU	1 pc.	1 pc.	1 pc.



HSS-Co twist drill set | 19-piece

Item no. 637004

The twist drills comply with DIN 338 and feature a cylindrical shank for machine-side mounting. With a bright or steam-treated surface, they offer high wear resistance and durability. Designed in type N, they have a right-hand cutting direction and a 118° point angle, ensuring precise cutting and optimal centering. Made from high-speed steel (HSS), they are suitable for various applications. The set includes 19 pieces ranging from 1.0 to 10.0 mm, graduated in 0.5 mm increments. Each drill tip is equipped with two cutting edges to ensure efficient material removal and clean drilling results.

Ø range: 1.0 - 10.0 mm
Pitch: 0.5 mm



CARTRIDGES

Air Rubber AR 06 | pneumatic

Item no. 631030

The Air Rubber AR 06 is ideally suited for removing films on painted surfaces as well as adhesive residues.

Scope of delivery:

1 × Air Rubber AR 06

1 × 637050 Rubber disc | Ø 87 mm



Rubber disc | Ø 87 mm

Item no. 637050

The rubber disc AR 06 is designed for removing films and adhesive residues on painted surfaces.



Wire brushes | Eraser 4000

Item no.	637081	637082	637083
Item	straight Ø 0.5 mm	angled Ø 0.5 mm	angled Ø 0.7 mm
PU	1 pc.	1 pc.	1 pc.



Item no.	637086
Item	Tool holder for wire brushes
PU	1 pc.



Cartridge gun EPX 50 | 50 ml

Item no. 831101

The EPX 50 cartridge gun is ideal for the manual handling of two-component cartridges of 50 ml, providing accurate and convenient dispensing.



EPX mixing nozzle

Item no. 838115

EPX mixing nozzle for 50 ml cartridges.



Cartridge gun VBM (MR) 200 | 200/215 ml

Item no. 831106

The manually operated VBM (MR) 200 cartridge gun is robust and ideal for the precise application of 2K adhesives and sealants. It allows for accurate handling and ensures an even bead application, making it perfect for professional use.

Compatible with Betamate 2096.



FILES

Item no.	561030	531100	531101
Name	Farriers pincers Pliers for vehicle bodywork	Sheet metal shear left 260 mm	Sheet metal shear right 260 mm
PU	1 pc.	1 pc.	1 pc.

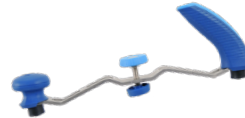


Item no.	523222	521201	521203
Name	File set 6-piece	File with handle cut 1 medium	File with handle cut 3 fine
PU	1 pc.	1 pc.	1 pc.



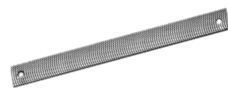
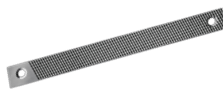
Files

Item no.	521210	521231	521240	521230
Name	Car body file holder with blade aluminum	Wooden body file with blade straight	Car body file holder 350 mm	Wooden body file with blade half-round
PU	1 pc.	1 pc.	1 pc.	1 pc.



File blades for 521210, 521231 & 521240

Item no.	521211	521212	521213	521214	for 521230
Name	File blade diagonal cut Z2 350 mm	File blade radial cut Z1 coarse	File blade radial cut Z2 medium	File blade radial cut Z3 fine	File blade half-round radial cut Z1
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Hand wire brushes

Item no.	541211	541212
Material	stainless steel	stainless steel
PU	1 pc.	1 pc.



4 rows



v-shaped

Manual deburring tool

Item no. 541030



Manual deburring tool with plastic handle NG-1 with 1 blade each S10, S20, S35.

Spare blade

Item no. 547030



for manual deburring tool

DOLLIES

Item no.	512001	511002	518001
Name	Body chisel with handle	Body chisel without handle	Handle for body chisel
PU	1 pc.	1 pc.	1 pc.



Dollies				
Item no.	511100	511102	511103	511105
Name	Dolly comma-shaped 1150 g	Dolly wedge-shaped 900 g	Dolly hatchet-shaped 1600 g	Dolly wedge-shaped, flat 950 g
Dimensions	length: 130 mm	112 × 64 mm	192 × 45 × 77 mm	106 × 60 × 25 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.



Dollies				
Item no.	511110	511111	511112	511113
Name	Dolly toe-shaped 1200 g	Dolly K toe-shaped grid-type 1100 g	Dolly universal polished 1100 g	Dolly heel-shaped polished 850 g
Dimensions	115 × 60 × 28 mm	125 × 55 × 25 mm	75 × 55 × 57 mm 60 × 45 × 57 mm	80 × 60 × 35 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.



Dollies				
Item no.	511114	511117	511119	
Name	Dolly diabolo shape 850 g	Dolly Daimler shape 1500 g	Dolly WS/P universal 760 g	
Dimensions	∅ 60 × 55 mm	105 × 50 × 50 mm	120 × 56 × 21 mm	
PU	1 pc.	1 pc.	1 pc.	



Item no.	511220	511221	521102
Name	Spoon dolly curved, flat shape 280 mm	Spoon dolly double curved, flat shape 400 mm	Bumping blade
Dimensions	150 × 50 mm	200 × 60 × 30 mm	350 × 36 × 36
PU	1 pc.	1 pc.	1 pc.



PRY BARS | SNIPS | BODY SPOONS

Item no.	511201	511202	511204	511206
Name	Pry bar for dent removal	Bending iron with leather insert 410 mm	Pry bar rolling head 400 mm	Pry bar universal 400 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.

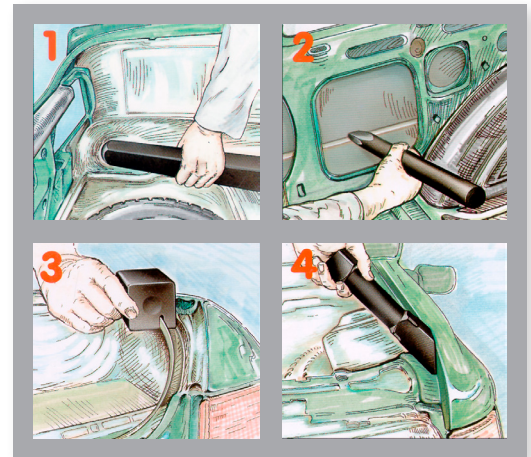


Dolly WS 93 | Dent Removal Set

Item no. 582001

The Dolly Dent Removal set WS 93 is ideal for dent removal in challenging areas, including heavy-duty metal sheets. It offers versatile applications to enable clean and damage-free work on various body parts.

- 1. Powerful dent removal block:**
The powerful dent removal block is ideal for denting in extreme areas and curves, including heavy-duty sheets. It is optimal for straightening profiles on fenders and side panels, as well as for shaping front and rear panels.
- 2. Handy and light conical bar:**
The handy and light conical bar allows for effortless shaping of grooves and edges, as well as the alignment of dents. Moreover, it can also be used as a powerful lever.
- 3. Universal cube:**
The universal cube surprises with its design. Using the groove, folds and profiles can be aligned both laterally and in height. Additionally, it serves as an important fitting aid for hoods and trunk lids.
- 4. Special profile wedge:**
The special profile wedge provides versatile applications through its technically sophisticated design. Thanks to the 90° striking edge, steel sheets can be precisely aligned, allowing for clean and damage-free work on various body parts. The profile wedge is particularly well-suited for fine work.



Scope of delivery:

- 1 × 581001 Powerful dent removal block
- 1 × 581002 Handy and light conical bar
- 1 × 581003 Universal cube
- 1 × 581004 Special profile wedge

Item no.	581001	581002	581003	581004
Name	Powerful dent removal block	Handy and light conical bar	Universal cube	Special profile wedge
PU	1 pc.	1 pc.	1 pc.	1 pc.



HAMMERS

ALU bumping hammers | 4-piece set

Item no. 512002

Aluminum hammers in four different sizes **for car body repair.**



Hammers

Item no.	511020	511021	511025	511026
Name	Bumping hammer 300 g	Bumping hammer 400 g	Goldsmith hammer 100 g	Finishing and grooving hammer 380 g
PU	1 pc.	1 pc.	1 pc.	1 pc.



Hammers

Item no.	511027	511023	511028	511029
Name	Wooden hammer no. 3 500 g	Wooden hammer no. 2 350 g	Dead blow soft-head hammer Ø 50 mm 860 g	Dead blow soft-head hammer Ø 40 mm 730 g
PU	1 pc.	1 pc.	1 pc.	1 pc.



Hammers

Item no.	511030	511031	511032	511033
Name	Aluminium bumping hammer 300 g	Elastopal soft-head hamme Ø 55 mm 400 g	Elastopal soft-head hammer Ø 55 mm 400 g	Bumping and planishing hammer flat face 200 g
PU	1 pc.	1 pc.	1 pc.	1 pc.



Hammers

Item no.	511035	511034	511039	511040
Name	Twisting force bumping hammer 300 g	Hammer with nylon heads	Bumping hammer domed face 330 g	Locksmiths hammer 300 g
PU	1 pc.	1 pc.	1 pc.	1 pc.



LOCKING PLIERS | TEMPORARY FASTENERS

Temporary fasteners				
Item no.	577109	577106	577107	577110
Ø	4.7 mm	6.0 mm	6.35 mm	8.0 mm
PU	20 pcs.	30 pcs.	20 pcs.	20 pcs.



Locking pliers			
Item no.	561151	561152	561153
Name	Locking pliers 145 U-Clamp jaw width: 85 mm	Locking pliers 144 C-Clamp jaw width: 110 mm	Locking pliers 224 swivel pads
PU	1 pc.	1 pc.	1 pc.



Item no.	561150	561154	561157
Name	Locking pliers 112 straight jaw width: 32 mm	Locking pliers 111 curved jaw width: 62 mm	Locking pliers long 81 mm jaw width: 70 mm
PU	1 pc.	1 pc.	1 pc.



Item no.	561181	561182	561183
Name	Axial locking pliers DW jaw width: 15 mm	Axial locking pliers DS jaw width: 15 mm	Axial locking pliers D jaw width: 15 mm
PU	1 pc.	1 pc.	1 pc.

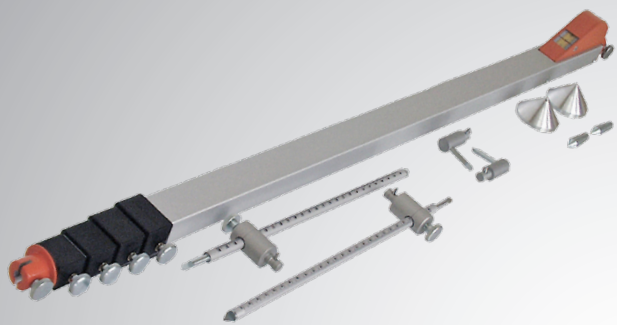


Item no.	561184	561185	561186
Name	Axial locking pliers T jaw width: 15 mm	Axial locking pliers WS jaw width: 15 mm	Micro Grip 2000 length: 90 mm
PU	1 pc.	1 pc.	1 pc.



Item no.	561190	561191	561230
Name	Locking pliers for wiggle wire	ErgoGrip locking pliers long nose	Locking pliers 134 C-Clamp jaw width: 130 mm
PU	1 pc.	1 pc.	1 pc.





FAST
RELIABLE
ACCURATE

Measuring technology for car body repair

The Auto-Messfix offers an ideal solution for damage assessment, measuring structural damage, and dimensional control after straightening. The special measuring tips allow measurements even in hard-to-reach areas and between non-flat points. The included measuring cone facilitates determining borehole distances. Knurled screws on the holders of the measuring tubes prevent unintentional adjustment of the tubes.

AUTO-MESSFIX TELESCOPIC MEASURING ROD

AUTO-MESSFIX Telescopic measuring rods

Item no.	871001	871002	871004
Length	920-2610 mm	415-925 mm	950-3260 mm
Scope of delivery	2 x 871008 Measuring cone 2 x 874020 Measuring tip short straight 2 x 874021 Measuring tip short angled 2 x 874026 Measuring tube long 2 x 874027 Measuring tube holder	2 x 871008 Measuring cone 2 x 874020 Measuring tip short straight 2 x 874021 Measuring tip short angled 2 x 874026 Measuring tube long 2 x 874027 Measuring tube holder	2 x 871008 Measuring cone 2 x 874020 Measuring tip short straight 2 x 874021 Measuring tip short angled 2 x 874026 Measuring tube long 2 x 874027 Measuring tube holder
PU	1 pc.	1 pc.	1 pc.

AUTO-MESSFIX Accessories

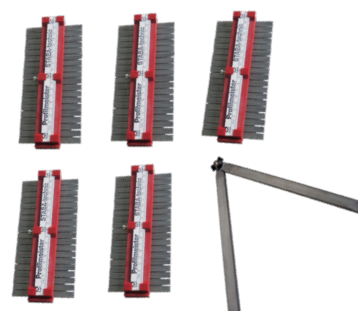
Item no.	871008	874020	874021	874024	874026	874027
Item	Measuring cone	Measuring tip short straight	Measuring tip short angled	Fixing screw	Measuring tube long	Measuring tube holder
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Contour needle gauges | 5- piece set

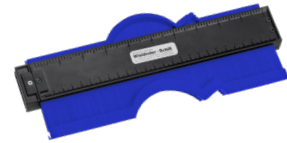
Item no. 861020

The template is a profile scanner (profile master) that can be infinitely assembled and extended. This results in high accuracy and tremendous time savings for the user when transferring contours. The profile line can be easily traced onto the workpiece to be adapted due to the flat and level surface of the template. The included square, attached laterally, allows the template to be adjusted in all directions. The scanned profile can be secured and transported in the case.



GAUGES

Item no.	871011	861001
Name	Gap gauge 3-piece set	Needle gauge plastic 250 mm
PU	1 pc.	1 pc.



Line marker with charcoal pencil

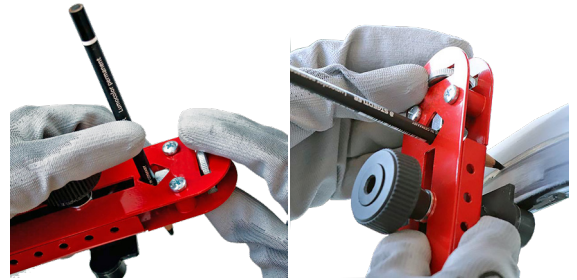
Item no. 871015

To restore the original body lines of the vehicle, follow these steps:

Begin by applying putty or primer to the surface and allow it to dry completely. Once dry, carefully mark the body lines of the object. If needed, use surface protection tape to preserve surrounding areas. Then, proceed with sanding to refine and recreate the original contours of the vehicle.

Scope of delivery:

- 1 × Body line marking tool
- 1 × Charcoal pencil



Fix magnets | 4-piece set

Item no. 882055

Enabling effortless fixing of attachments and protective mats. An indispensable tool for any bodywork station.

Scope of delivery:

- 4 x 881340 Replacement magnet for fix magnets
- 4 x 881341 Handle for Fix Magnets & C-Arms | red



Fix magnets | spare parts

Item no.	881340	881341
Name	Replacement magnet for fix magnets	Handle for Fix Magnets & C-Arms red
PU	1 pc.	1 pc.



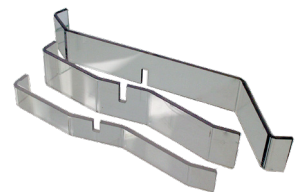
Fixing bracket | 3-piece set

Item no. 882057

Fixing bracket for securing decorative strips, lights, and side windows. Ideal for support during gluing. The bracket reliably secures the parts while the glue dries.

Scope of delivery:

- 1 x 881345 Fixing bracket flat | 30 mm wide
- 1 x 881346 Fixing bracket flat | 50 mm wide
- 1 x 881347 Fixing bracket deep | 50 mm wide



Fixing brackets

Item no.	881345	881346	881347
Name	Fixing bracket flat 30 mm wide	Fixing bracket flat 50 mm wide	Fixing bracket deep 50 mm wide
PU	1 pc.	1 pc.	1 pc.



Trim and mounting wedges | 5-piece set

Item no. 581100

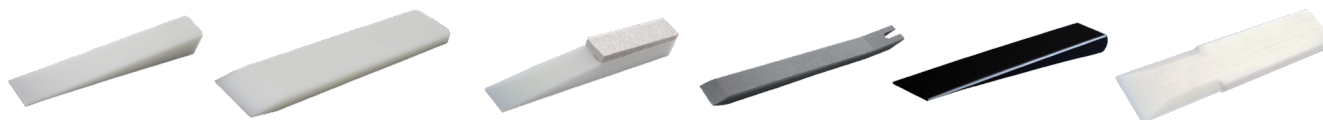
Easy and fast removal of decorative strips and detachment of trim strips on windows and doors. Also a practical lever for fitting doors and handling painted sheet metal parts. Paint, plastic, and metal components remain undamaged. Quick removal of door panels, closure plugs, and clip connections. For removing knobs on heaters, radios, etc., as well as for unhinging rearview mirrors. Made of impact-resistant special plastic.

Scope of delivery:

- 1 × 581101 Trim wedge | 200 × 25 × 25 mm
- 1 × 581102 Trim wedge | extra wide | 230 × 46.5 × 10 mm
- 1 × 581103 Trim wedge with felt pad | 230 × 25 × 28 mm
- 1 × 581104 Mounting wedge | gray
- 1 × 581105 Trim wedge | black | 200 × 25 × 12.5 mm



Item no.	581101	581102	581103	581104	581105	581106
Name	Trim wedge 200 × 25 × 25 mm	Trim wedge extra wide 230 × 46.5 × 10 mm	Trim wedge with felt pad 230 × 25 × 28 mm	Mounting wedge gray	Trim wedge black 200 × 25 × 12.5 mm	Trim wedge extra wide wedge-shaped
PU	1 pc.			1 pc.	1 pc.	1 pc.



Clip pliers for door panels

Item no. 561029

The clip pliers are an assembly tool that is used to gently remove clips from door panels without damaging them. The clips can often be reused.





**EASY
HANDLING**

LOW COSTS

**NO ADDITIONAL
TOOLS ARE
NEEDED**

CAR WINDOW REMOVAL TOOL

Window removal system for all adhesively attached vehicle windows. Only one operator is required for the application. Damage to the paint is avoided, eliminating the need for touch-ups. A minimal tolerance between the windshield and the car body is no problem! No power source/battery is required.

Roll Out 2000[®]

Roll Out 2000[®] - Model 2020 CF | Constant Friction

Item no. 842020

The glass removal system for bonded vehicle windows can be easily operated by a single person and reliably protects the paint, eliminating the need for rework. Even with minimal tolerance between the glass and the body, the system operates precisely and safely. It does not require a power source or batteries and is characterized by lightweight handling, low costs, and the advantage that no additional tools are necessary.

Additionally, the Roll Out 2020 CF (Constant Friction) is an innovative advancement of the proven Roll Out 2000 glass removal system. The Constant Friction function simplifies repairs and makes the removal of vehicle windows more process-secure by significantly minimizing the risk of the cutting wire or Kevlar cord breaking.

Scope of delivery:

- 1 × 848088 Winch CF with suction cups | 120 mm & 150 mm
- 1 × 848007 Parabolic chisel
- 1 × 848090 Wire Insertion tool | Roll Out 2020CF
- 1 × 848027 Ratchet with ball handle | 3/8"
- 1 × 848087 Ratchet | small
- 1 × 848038 Extension piece for ratchet | 75 mm
- 1 × 848029 Mounting wedges | 2-piece set
- 1 × 848004 Wire needles 8 + 2 | 10-piece set
- 1 × 848032 Safety goggles
- 1 × 848042 Tool bag | Roll Out 2000 | red
- 1 × 848085 Kevlar Cord CF | PU: 25 m
- 1 × Cutting wire | Ø 0.75 mm x 350 m
- 1 × Interior protector
- 1 × Protective gloves
- 1 × Repair manual
- 1 × Transport case



Roll Out 2000® - Model 2004

Item no. 842010

The car glass removal system is designed for bonded vehicle windows and can be operated easily by just one person, ensuring reliable protection for the paintwork - eliminating the need for touch-ups.

It operates precisely and safely, even with minimal tolerances between the glass and the bodywork. The system does not require any power sources or batteries, offering excellent handling, low costs, and the advantage of not needing additional tools.

Scope of delivery:

- 1 × 848005 Winch with suction cups | 1 spool | Ø 120 mm
- 1 × 848039 Winch with suction cups | 2 spools | Ø 120 mm
- 1 × 848042 Tool bag | Roll Out 2000 | red
- 1 × 848027 Ratchet with ball handle | 3/8"
- 1 × 848007 Parabolic chisel
- 1 × 848038 Extension piece for ratchet | 75 mm
- 1 × 848001 Wire Insertion tool | Roll Out 2000
- 1 × 848029 Mounting wedges | 2-piece set
- 1 × 848004 Wire needles 8 + 2 | 10-piece set
- 1 × 848032 Safety goggles
- 1 × Cutting wire | Ø 0.75 mm x 350 m
- 1 × Interior protectors | 2-piece set
- 1 × Protective gloves
- 1 × Repair manual
- 1 × Transport case
- 1 × Repair instructions



Upgrade kit for Roll Out model 2004

Item no. 848084

The upgrade kit includes the innovative, double-spool winch with 'Constant Friction' function and the small ratchet. Roll Out 2004 systems can therefore be easily and cost-effectively upgraded to the latest technical standard.

Scope of delivery:

- 1 × Double-winch with Constant Friction function
- 1 × 848087 Ratchet | small



Roll Out 2000[®] - Model 2020 CF

Winch CF with suction cups	
Item no.	848088
Ø	120 + 150 mm
Type	2-spool
PU	1 pc.



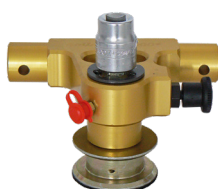
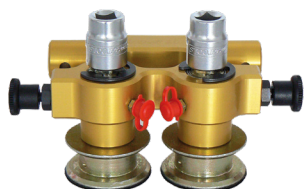
Roll Out 2000[®] - Model 2004

Winches with suction cups				
Item no.	848039	848041	848005	848040
Ø	120 mm	150 mm	120 mm	150 mm
Type	2-spool	2-spool	1-spool	1-spool
PU	1 pc.	1 pc.	1 pc.	1 pc.



Roll Out 2000[®] - Model 2004

Winches			
Item no.	848048	848053	848060
Type	2-spool	1-spool	Locking switch
PU	1 pc.	1 pc.	1 pc.



Suction holder

Item no.	848020	848021	848022	848023
Ø	120 mm	120 mm	150 mm	150 mm
PU	1 pc.	2 psc.	1 pc.	2 psc.



Suction device for winches

Item no.	848046	848047	848050	848051
Ø	120 mm	120 mm	150 mm	150 mm
PU	1 pc.	2 psc.	1 pc.	2 psc.



Accessories

Item no.	848027	848028	848087	848038	848033
Item	Ratchet with ball handle 3/8"	Ball handle for ratchet	Ratchet small	Extension piece for ratchet 75 mm	Extension piece for ratchet 150 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.



Unwinder for cutting wire

Item no. 848006

The unwinder for cutting wire ensures safe and protected storage of the wire and enables easy unrolling and precise measuring of the length.



Cutting wire | 0.75 mm × 1300 m

Item no. 842015

The special cutting wire for the Roll Out 2000 windshield removal system has a length of 1300 m and is sufficient for approx. 215 windshields.



Kevlar Cord CF | PU: 25 m

Item no. 848085

The Kevlar Cord CF, designed for the Roll Out 2020 CF, offers high tensile strength, low stretch, and superior durability. Its abrasion and heat resistance ensure smooth, efficient windshield removal.



Push lever repair kit | 4-piece set

Item no. 848083

For the repair of suction cups of the Roll Out windshield removal system with push levers.



Suction cup for corner extender

Item no. 848056

Suction cup for the attachment of the corner extender to the windscreen.



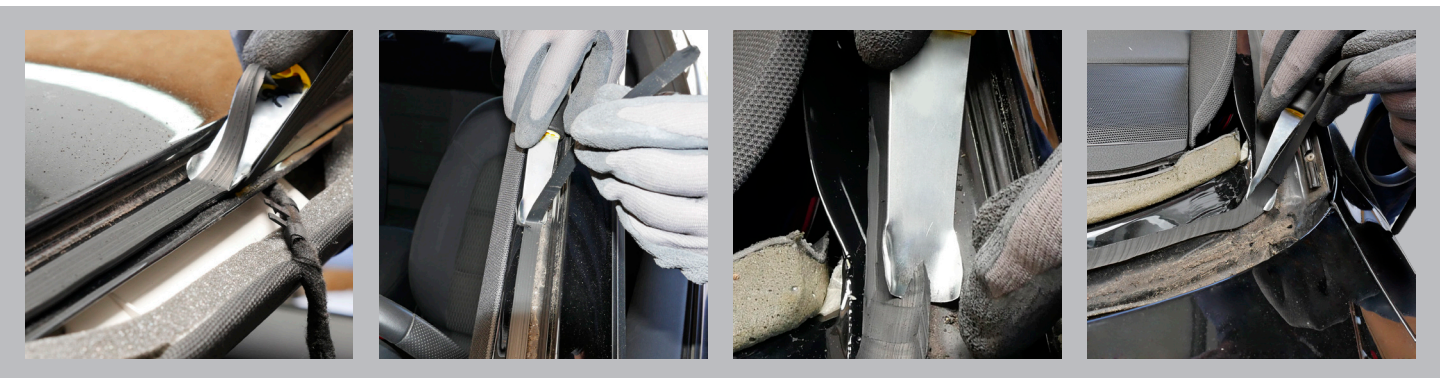
Fix-Cut 1 Scraper set

Item no. 547032

The Fix-Cut 1 Set with professional scraper blades. The convenient handle allows for efficient power transmission. The blades are equipped with a curved back to remove the PU adhesive according to the instructions. Their side wings are rounded, allowing for precise adjustment of blade sharpness according to individual needs. The correct adhesive thickness is maintained, making later re-bonding effortless.

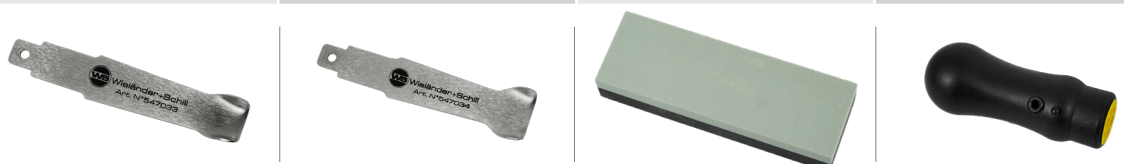
Scope of delivery:

- 2 x 547033 Scraper blade | Fix-Cut 1 | 20 mm
- 2 x 547034 Scraper blade | Fix-Cut 1 | 25 mm
- 2 x 547035 Handle for scraper blades | Fix-Cut 1
- 1 x 547037 Bench stone | silicon carbide
- 1 x 474251 Allen key | 4 mm
- 1 x Transport case



Spare parts Fix-Cut 1

Item no.	547033	547034	547037	547035
Width	20 mm	25 mm		
PU	1 pc.	1 pc.	1 pc.	1 pc.



SPARE PARTS | CONSUMABLES | ACCESSORIES

Interior protectors				
Item no.	848003	848034	848035	848036
Item	Interior protectors 4-piece set	Dashboard 120 mm	A-pillar and roof liner	round Ø 120 mm
PU	1 pc.	1 pc.	1 pc.	1 pc.



Push & Pull wire insertion tool

Item no. 848090



Wire insertion tool

Item no. 848001



Parabolic chisel

Item no. 848007



Mounting wedges | 2-piece set

Item no. 848029



Suction holder | parabolic chisel

Item no. 848061



Quick clamp

Item no. 848052



Protective gloves		
Item no.	848002	848009
Size	9	10
PU	1 pair	1 pair



Safety goggles

Item no. 848032



Needles			
Item no.	848004	848031	848026
Item	Set 8 + 2 psc.	Wire guiding needles	Needles for cutting wire curved
PU	1 pc.	10 psc.	3 psc.

Straight and curved needles to help guide the wire over difficult areas.



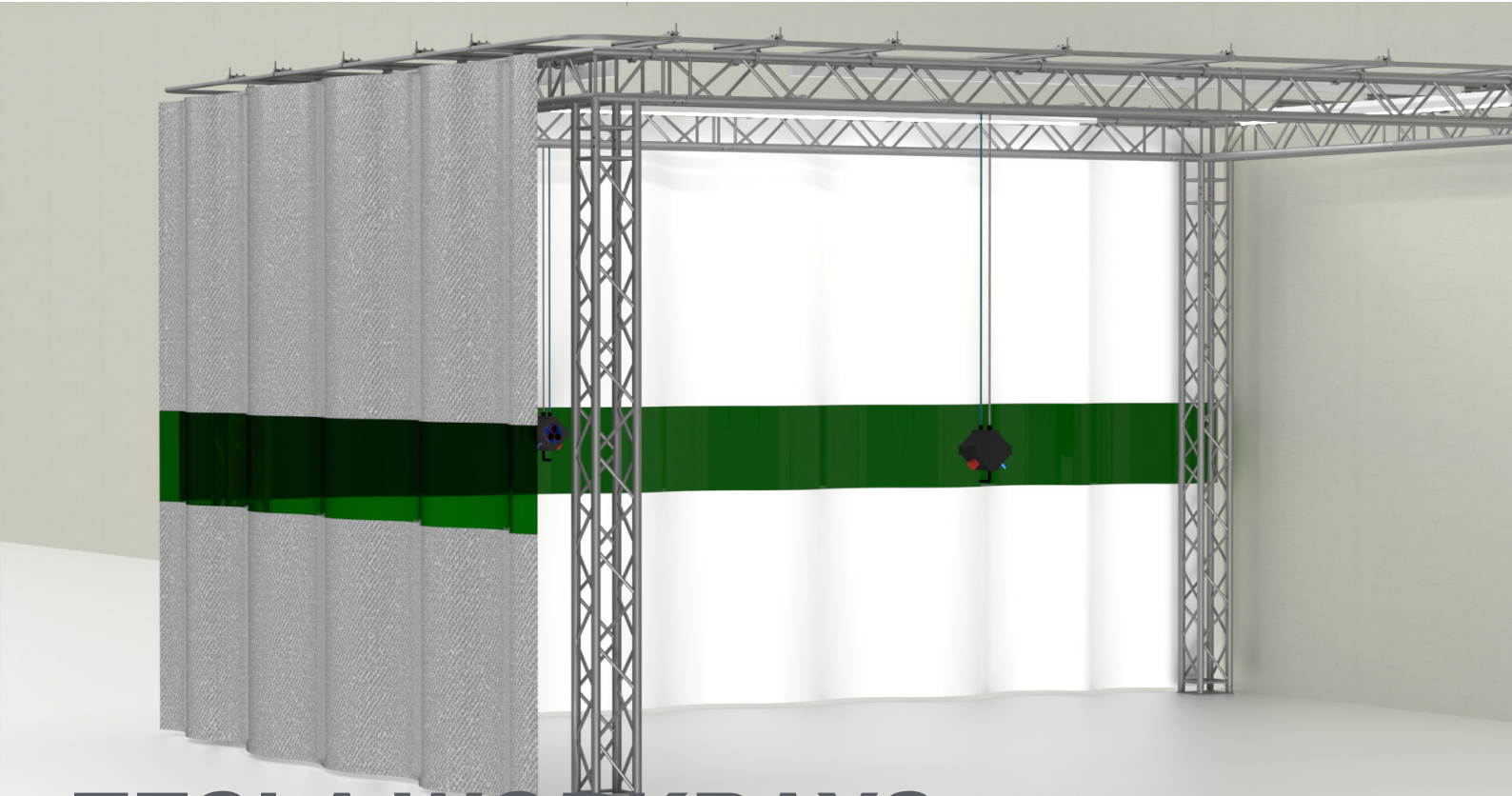
Applicators | lint-free | 130 mm

Item no. 848016

Applicators for the clean and precise application of black primer, primer, adhesive cleaner etc. The applicators are manufactured in Germany and are made from pure, unspun cotton. They are lint-free and have a full, dense head, which ensures an evenly covering application of material.



PU: 100 pcs.



TESLA WORKBAYS

The TESLA Workbays are a tailored version of the WS Workbay system, specifically designed to meet Tesla's workspace requirements while maintaining the highest standards of efficiency, safety, and durability.

Key Features:

- High-Quality Aluminum Truss Structure
Ensures a stable and durable framework.
- Energy-Saving LED Lighting
Provides optimal illumination for precision work.
- Specialized Welding Protection Curtains
Enhances workplace safety in demanding environments.
- Integrated Air & Power Supply
Two stationary fixtures with robust rubber housing keep the workspace organized and efficient.

Flexible Configurations & Accessories:

Available in single-bay, double-bay, and triple-bay configurations, the system can be adapted to different workspace needs. Additional optional features, such as industrial vacuum systems, can be integrated for enhanced functionality.

- ✓ SAFETY
- ✓ EFFICIENCY & TIME SAVING
- ✓ HIGH QUALITY
- ✓ ENERGY EFFICIENCY
- ✓ INDIVIDUAL ADAPTATION
- ✓ MODERN DESIGN



TESLA WORKBAYS

TESLA Workbay | single

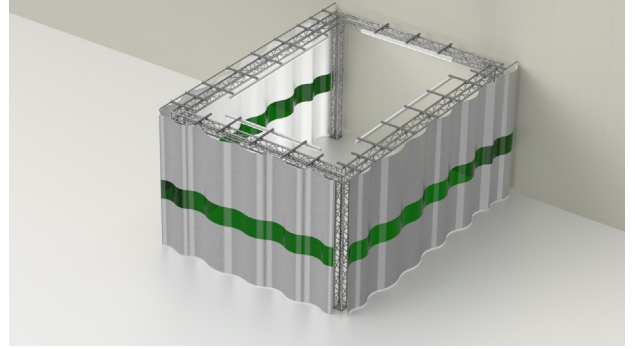
Item no. 960761

Scope of delivery:

- 1 x Aluminium truss system with 4 legs (dimensions: 5.5 m × 7.5 m × 4 m)
- 1 x 881880 LED light set | 120° | 220 - 240 V AC (4-sided LED lighting system)
- 2 x Protection curtain | 12.10 × 3.93 m
- 1 x 881663 Stationary media supply 16 A | PU: 2 pcs.

Note on scope of delivery:

Detailed information on the items included in the scope of delivery can be found on the following pages.



Dimensions: 6 m × 8 m × 4 m

TESLA Workbay | double

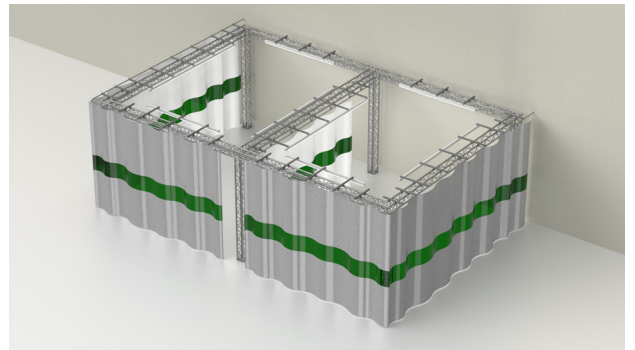
Item no. 960762

Scope of delivery:

- 1 x Aluminium truss system with 6 legs (dimensions: 11.5 m × 7.5 m × 4 m)
- 2 x 881880 LED light set | 120° | 220 - 240 V AC (4-sided LED lighting system)
- 2 x Protection curtain | 14.20 × 3.93 m
- 1 x Intermediate protection curtain | 7.30 × 3.35 m
- 2 x 881663 Stationary media supply 16 A | PU: 2 pcs.

Note on scope of delivery:

Detailed information on the items included in the scope of delivery can be found on the following pages.



Dimensions: 12 m × 8 m × 4 m

TESLA Workbay | triple

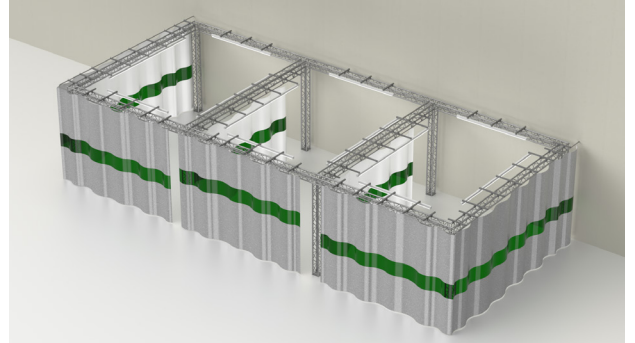
Item no. 960763

Scope of delivery:

- 1 x Aluminium truss system with 8 legs (dimensions: 17.5 m × 7.5 m × 4 m)
- 3 x 881880 LED light set | 120° | 220 - 240 V AC (4-sided LED lighting system)
- 2 x Protection curtain | 14.20 × 3.93 m
- 1 x Protection curtain | 6.10 × 3.93 m
- 2 x Intermediate protection curtain | 7.30 × 3.35 m
- 3 x 881663 Stationary media supply 16 A | PU: 2 pcs.

Note on scope of delivery:

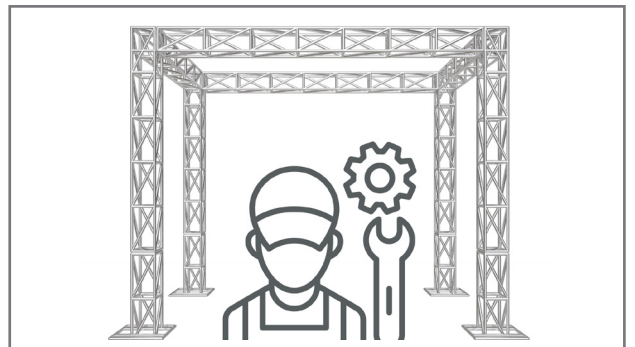
Detailed information on the items included in the scope of delivery can be found on the following pages.



Dimensions: 18 m × 8 m × 4 m

Assembly of the single Tesla workbay

Item no. 881099



DUST CLASS M

according to EN 60335-2-69

Annex AA+CC

DGUV 109-001



VACUUM SYSTEM FOR ALUMINUM DUSTS

Item no. 881090NV

The mobile suction station for aluminum dust (zone 22) is explosion-proof and equipped with a spark trap. Glowing abrasive particles (sparks) enter the suction hose with the suction air, bounce against metal sheets in the spark trap and cool down before they enter the suction station and reach the fine filter of dust class "M".

Filter combination:

Pre-filter: dust class M
Transmittance rate: < 0.005 %



APPROVED UTILISATION

- Combustible as well as non-combustible dust with exposure limits* $\geq 0.1 \text{ mg/m}^3$ with recirculation of clean air into the work area
- Dust class M (including dust class L)

Scope of delivery:

- 1 x Plastic hose | 5 m | $\text{Ø} 40 \text{ mm}$
Connection on vacuum side: Storz clutch C - DN50
Connection accessory side: ID 35 mm
- 1 x Plastic hose | 5 m | $\text{Ø} 50 \text{ mm}$
Connection vacuum side: Storz clutch C - DN50
Connection accessory side: ID 50 mm with hole for push pin
- 1 x Curved hand tube | $\text{Ø} 50 \text{ mm}$ | 1 push pin
- 1 x Crevice nozzle | 60 x 12 mm | tapered

* AGW- Occupational exposure limit value

DISPOSAL CONTAINER D1 - W2 Item no. 881111	POCKET FILTER M 1.2 m ² Item no. 881112
	



FILTOO EXTRACTION AND FILTER SYSTEM

Item no. 882073

The unit can be used in numerous areas of application. The mobile extraction and filter unit filters smoke and dust and neutralizes odors. The extraction arm sucks up polluted air with precision. The device filters particles and gases in a four-stage filter process using a coarse filter, pre-filter, activated carbon filter and main filter. When used as intended, the unit can be used for recirculation operation, as the requirements for the exemption regulations are met.

- Large-area coarse filter
- Particle filter with separation efficiency $\geq 99\%$
- Pre-filter
- Activated carbon filter
- Main filter
- Electronic filter monitoring
- Operating hours counter
- Suction arm 3 m in hose design with internal joints

Max. volume flow	Max. Compression	Power output	Noise level
1600 m ³ /h	1800 Pa	1.1 kW	ca. 72 dB(A)

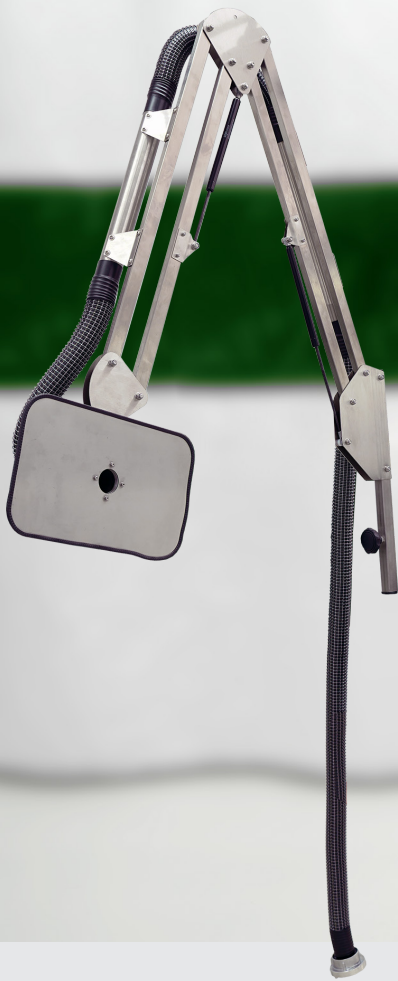
DUST PRE-SEPARATOR STAVO

Item no. 882074



This retrofit kit enables dust pre-separation in the Filtoo system. The integrated deflection plate directs the airflow precisely into the attached collection tray, where a significant portion of the dust is already separated. This reduces the load on the subsequent four filter units, significantly extending their service life. The collection tray is designed for easy and regular emptying, ensuring smooth and efficient operation.

COARSE FILTER PU: 10 PCS.	PREFILTER	ACTIVATED CARBON FILTER	PARTICLE FILTER
Item no. 882077	Item no. 882078	Item no. 882079	Item no. 882081
Filter mats for the FILTOO extraction and filtration system	Offers high filtration efficiency and meets the requirements of ISO 16890 ePM10 > 55 %	Activated carbon filter for the FILTOO extraction and filtration system	Particle filter in MDF wooden frame with a retaining loop
			



TELESCOPIC ARM FOR MOBILE VACUUM SYSTEMS

Item no. 881092

The extractor arm enables the user to work efficiently with the greatest possible freedom of movement. The extraction plate ensures that dust and chips can be optimally collected. Via the C-clutch, the telescopic arm can be connected to the vacuum system directly or also via an extension hose.

For easier handling, the arm can be attached to the Mobile Media Supply.

Suitable for the following systems:

- 881090NV WS Alu vacuum system | mobile | 230 V
- 881091NV WS Alu/CFRP vacuum system | mobile | 230 V
- 881089NV WS Steel vacuum system | mobile | 230 V
- 881760 NA7-26 Wet Separator
(only in combination with
881797 Mobile Media Trolley)



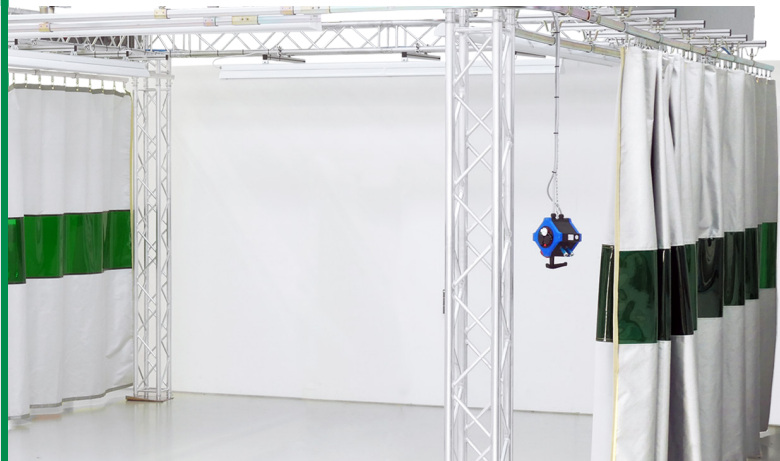
STATIONARY MEDIA SUPPLY

Item no. 881663

Stationary media supply with robust, hard rubber-reinforced housing for space-saving compressed air and energy supply. The stationary media supply can be attached to any side of the Workbay. This eliminates tripping hazards caused by cable drums, extension cables or compressed air hoses. The compressed air safety connection with push button prevents the compressed air hose from being ejected when disconnected. The integrated overload protection protects the stationary media supply from overheating and switches off automatically if necessary.

Equipment features:

- 12 × socket | 230 V | CEE 7/3
- 2 × socket | 400 V | CEE 16 A
- 4 × compressed air safety connection with push button





LED LIGHT SYSTEM

Lamps with light-emitting diodes (LEDs) are considered the illuminant of the future and have many advantages over conventional incandescent, halogen or energy-saving lamps.

ADVANTAGES

LIFETIME

LED lamps are very robust and have a service life of up to 70,000 hours. This is three times higher than a fluorescent tube.

HIGH LUMINOSITY DESPITE LOW ENERGY CONSUMPTION

They consume over 50% less energy than conventional fluorescent tubes with the same luminosity. This makes them particularly efficient.

LOW HEAT DEVELOPMENT

Despite their enormous luminosity, LED lamps have very low heat emission.

SHADOW FREE ILLUMINATION

Due to the U-shaped arrangement of the LEDs, the workplace is optimally illuminated.

Version	Beam angle	Flux density per LED unit	Power	Colour temperature
EU	120°	8000 lm / 150 cm	50 W	6500 K daylight white

LED light set | 120° | 220 - 240 V AC | EU

Item no. 881880

Scope of delivery:
10 × LED unit incl. gear tray and accessories



Body shop manager

Item no. 881100

The mobile storage system, offers a space-saving storage solution for your workshop equipment. Compared to similar products, it even offers 30 % more storage space. The shelves are made of heat-treated hard steel and ensure robust and durable use. The 4 industry-standard swivel castors, which are fully lockable, make it easy to move and secure the mobile workshop storage unit. The powder coating not only ensures a long-lasting good appearance, but also provides additional protection against damage. If required, the body shop manager can be folded up in seconds to save space. In addition, several units can be pushed into each other to save even more space.

Scope of delivery:

- 1 x Body shop manager
- 2 x 881180 Additional arms | 2 pcs.
- 2 x 881181 Foam padding for additional arms | 2 pcs.
- 1 x WM-Plus



Body shop manager accessories

Item no.	881181
Name	Foam padding for additional arms
Dimensions	Ø 60 mm L = 450 mm
PU	2 pcs.





ONE WHEEL - THREE FUNCTIONS

The WS Roller Spinner is a versatile product that facilitates the movement of not charged, blocked or parked vehicles, regardless of drive type or braking system.



REPLACES
PAINTING WHEEL



SPARE WHEEL
FUNCTION



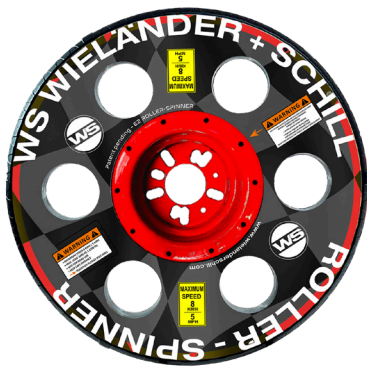
COMPLEMENT FOR
MANOEUVRING AIDS

WS ROLLER-SPINNER

HIGHLY DURABLE | QUICK & EASY ASSEMBLY | LOW WEIGHT

If the screws are removed, the inner ring rotates and vehicles with a locked brake system can be moved.

Tighten the bolts to use the wheel as a spare wheel in the workshop. The maximum speed of 8 km/h must not be exceeded.



SPINNING WHEEL MODE



up to 3 km/h



ROLLING WHEEL MODE



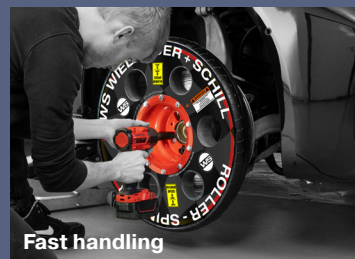
up to 8 km/h



Rolling wheel mode



Spinning wheel mode



Fast handling



Durable & great grip

The innovative mobility solution on any terrain, including uneven tarmac, gravel, grass or soil. Can be used in most paint booths. The WS Roller-Spinner is available in two versions for 4/5 and 5/6 Pitch Circle Diameter (PCD). Suitable for AWD, FWD, RWD and electric vehicles (BEV).

WS Roller-Spinner | 4/5 | Ø 22" × 2.5"

Item no. HV150

Centre Bore (CB)
Ø 74.1 mm

Pitch Circle Diameter (PCD)
4 × 98 mm - 4 × 115 mm
5 × 98 mm - 5 × 130 mm



WS Roller-Spinner | 4/5 | Ø 25" × 2.5"

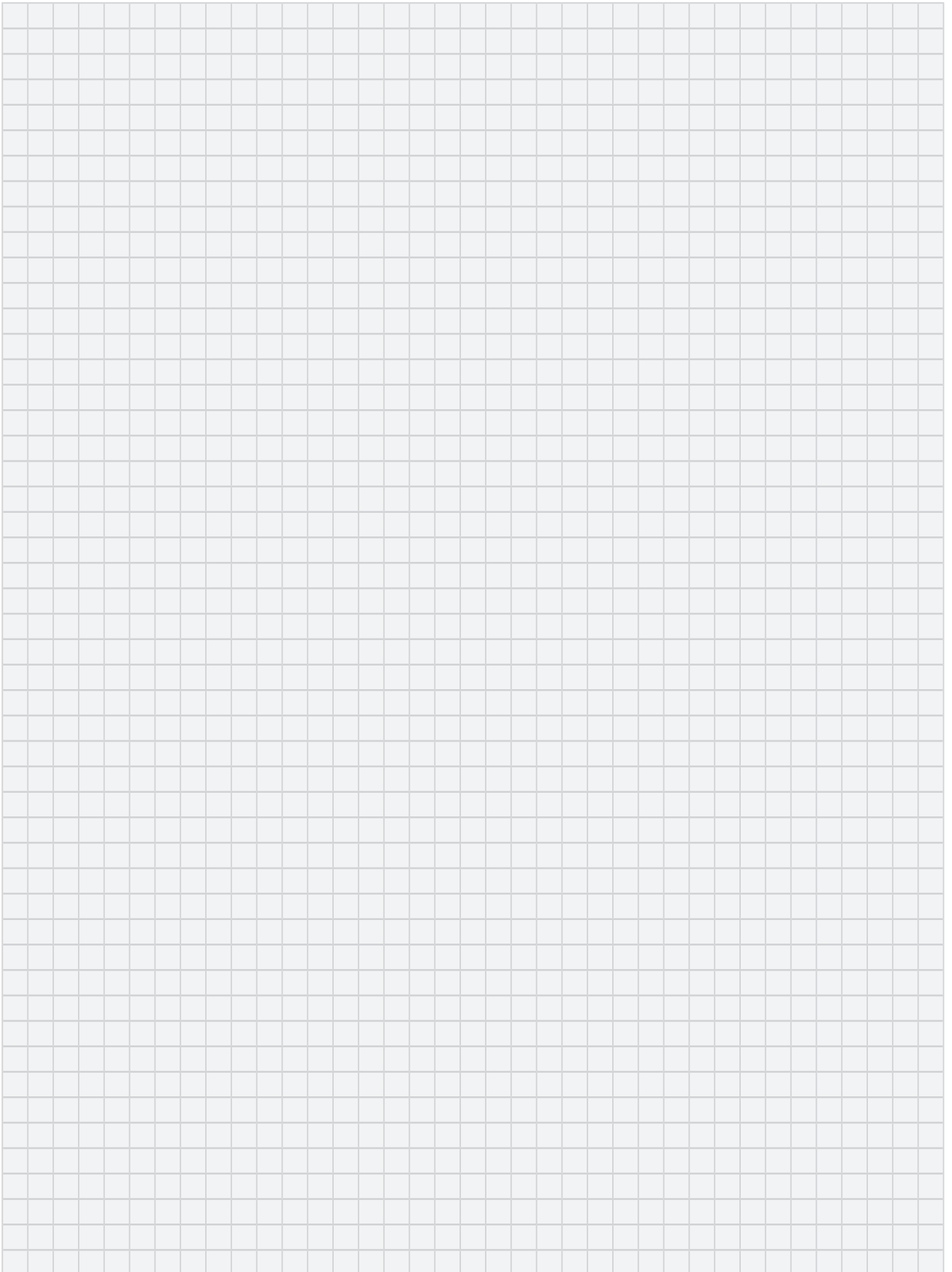
Item no. HV173

Centre Bore (CB)
Ø 74.1 mm

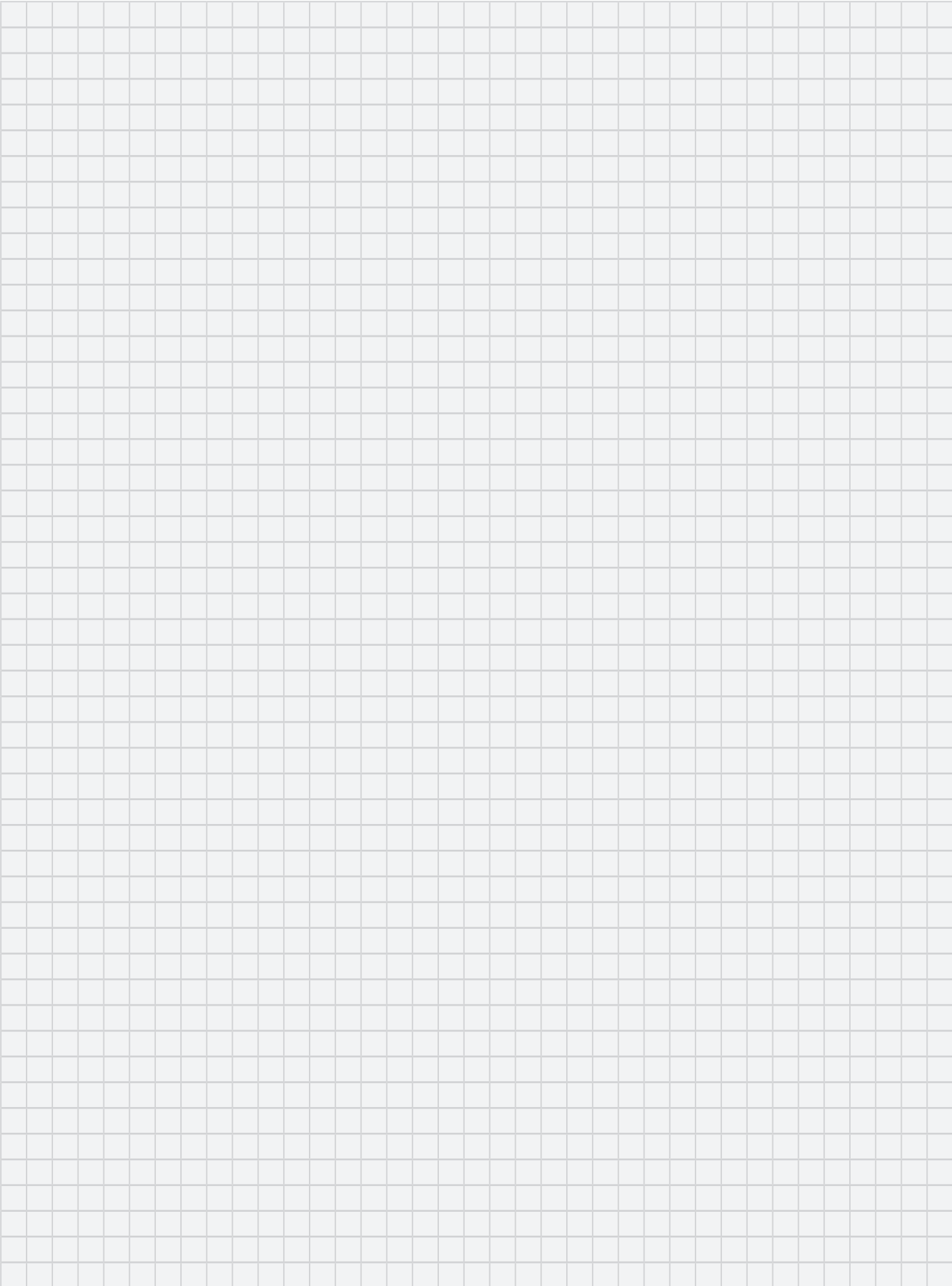
Pitch Circle Diameter (PCD)
4 × 98 mm - 4 × 115 mm
5 × 98 mm - 5 × 130 mm



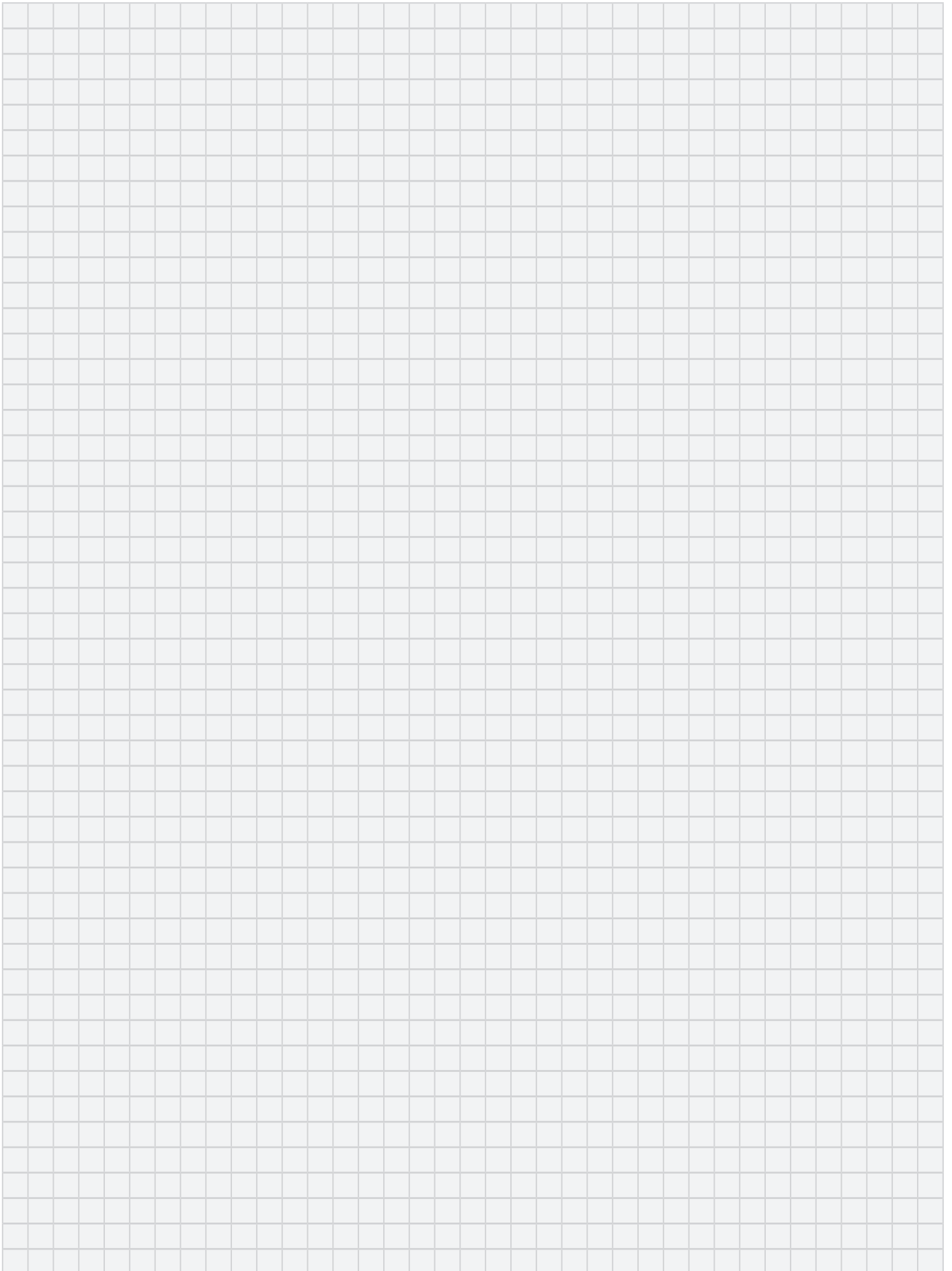
NOTES



NOTES



NOTES



WS Wieländer+Schill
Professionelle Karosserie-Spezialwerkzeuge GmbH & Co. KG
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