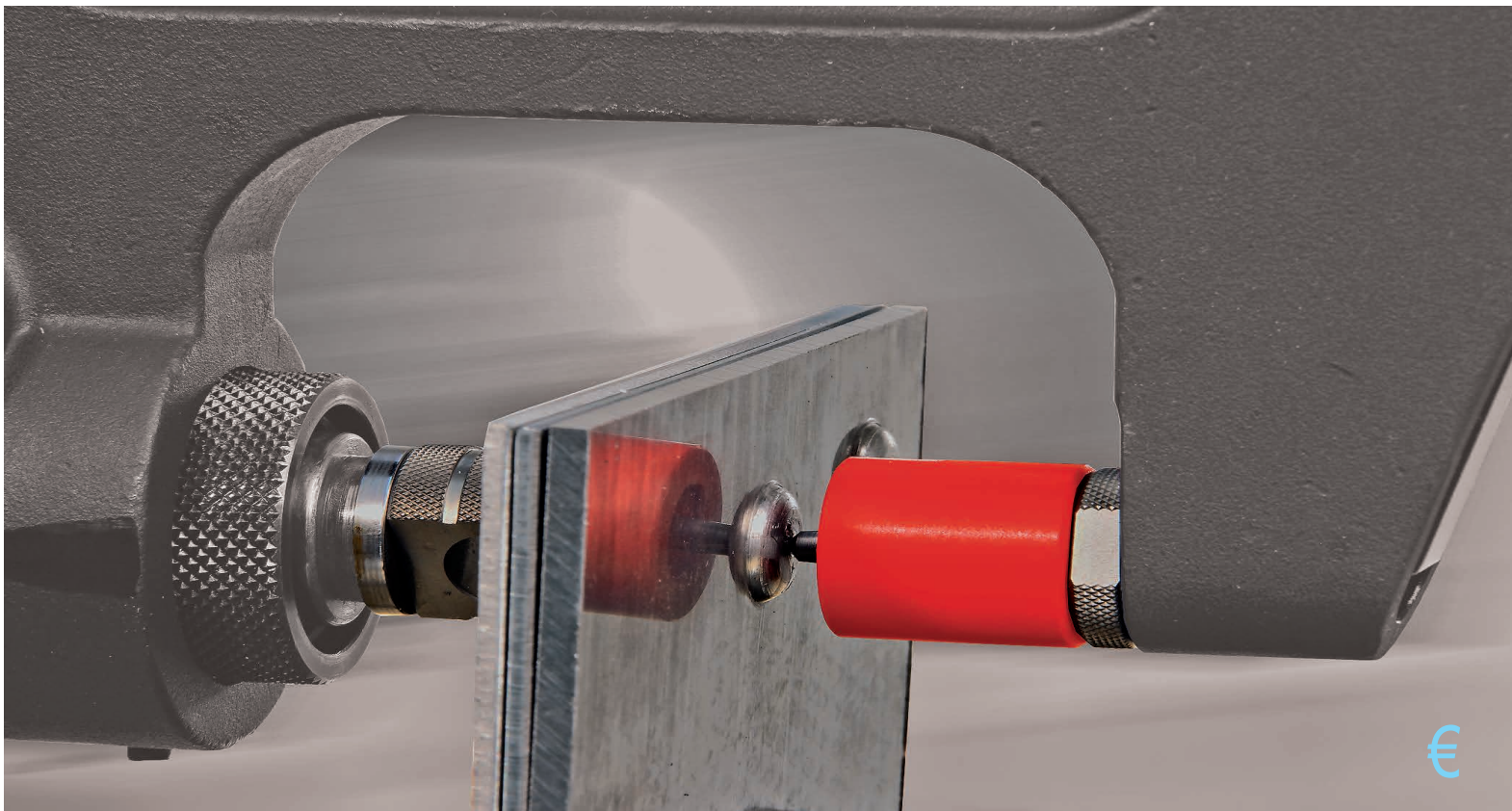


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Professional Body Shop Tools
L'outillage pour la Carrosserie





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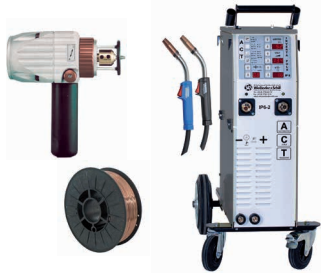


Body Saws pneumatic / Plasma Cutter

Body Saw WPS 2000 / WPS 300 / WPS 4000 / Saw Blades
Plasma Cutter WS 40i / Accessories & Spare Parts

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MIG-Brazing Welding Machines / Airpuller AP95 / Smart Repair / Dent Removal Systems

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InvertaSpot GT Spot Welding Machine



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Item N°	Description	Image
120010	Body saw WPS 2000 pneum.	
120030	Body Saw WPS 3000 pneum.	
120040	Pneumatic file WPF 3000 with stroke adjustment	
124027	tool holder complete WPS 2000/3000	
Bi-metal saw blades WPS 2000/3000		
197000	Saw Blade 14tpi (min. quantity 10 pcs.) for wood, aluminium, composites, plastic	
197001	Saw Blade 18tpi (min. quantity 10 pcs.) for narrow radiuses in metal and plastic	
197002	Saw Blade 24 tpi (min. quantity 10 pcs.) for double and triple metal sheet up to 4 mm	
197004	Saw Blade 28tpi (min. quantity 10 pcs.) for thin and double metal sheet and aluminium up to 3 mm	
197003	Saw Blade 32tpi (min. quantity 10 pcs.) universal saw blade for thin metal sheets and high-strength steels up to 1 mm	
197007	Saw Blade M42 18tpi, bi-metal (min. quantity 3 pcs.)	
197008	Saw Blade M42 24tpi, bi-metal (min. Quantity 3 pcs.)	
197040	File halfround	
197041	File round	
197042	File triangular	
197039	File set 3 types	
120050	Body saw WPS 4000	
124127	Tool holder red complete	
Bi-metal saw blades WPS 4000		
197025	Saw Blade M42-10 tpi - 100 mm for aluminium composites, plastic, 6 mm max.	
197026	Saw Blade MPM-18 tpi - 100 mm for high-strength steels, 4 mm max.	
197027	Saw Blade TCT-18 tpi, 90 mm for ultra high-strength steels ≤ 2 mm	
197024	Saw Blade M42-10 tpi - 130 mm for aluminium composites, plastic, 6 mm max.	







Article Group 1

Plasma Cutter

Item N°	Description		
Special Saw Blades			
197010	Diamond saw blades with W+S retainer		
197020	Saw blade tungsten		
197005	Saw blade 24 tpi, CP version		
197006	Saw blade 32 tpi, CP version		
Plasma Cutter			
171005	Plasma-Cutter WS 40i		
<i>Spare Parts and Consumables for Plasma Cutter WS 40i</i>			
177001	Short electrode	10 pcs.	
177002	Long electrode	10 pcs.	
177003	Cutting nozzle 0,8mm "short"	10 pcs.	
177005	Cutting nozzle 0,8mm "long"	10 pcs.	
177006	Outer nozzle "short"	2 pcs.	
177007	Outer nozzle "long"	2 pcs.	
177008	Guide conduct WS40i		
194000	Pressure reducing valve		
637103	Mini oiler 1/4" for air tools		
<i>Spare Parts and Consumables for Plasma Cutter WS 40</i>			
174010	Cutting electrode for WS 40	5 pcs	
174012	Cutting nozzle for WS 40	5 pcs	
174014	Shield cap for WS 40		
174015	Swirl ring for WS 40		
			

Item N°	Description	
<i>Accessories and Consumables</i>		
Welding torch SBT 154 G - InvertaPuls IP 8 / IP 10		
332215	Welding torch SBT 154G,4m Ø 1,0 mm	Steel
332216	Welding torch SBT 154G,4m Ø 0,8 mm	Steel
332217	Welding torch SBT 154G,3m Ø 1,0 mm	Steel
332218	Welding torch SBT 154G,3m Ø 0,8 mm	Steel
332219	Welding torch SBT 154G,3m Ø 1,0 mm	ALU
337120	Nozzle Ø 0,8 mm for SBT154G	10 pcs.
337121	Nozzle Ø 1,0 mm for SBT154 G	10 pcs.
337122	Nozzle Ø 1,2 mm for SBT154 G	10 pcs.
337100	Torch body	SB/SBT 154G
337103	Gas spreading element for	SB/SBT 154G
337106	Teflon liner 4m	SB/SBT 154G
337107	Teflon liner 3m	SB/SBT 154G
337125	Gas nozzle (with clamping ring)	SB/SBT 154G
Welding Torch SBT 307 G - InvertaPuls IP 8 / IP 10		
332201	Welding torch SBT307G 3m/steel 0,8 mm	steel, for wire wheel Typ 25/4
332202	Welding torch SBT307G 3m/steel 0,8 mm, DV 26	steel, for wire wheel Typ 26
332211	Welding torch SBT307G 3m/Alu 1,0 + 1,2 mm; DV 26	Aluminium, for wire wheel Typ 26
332212	Welding torch SBT307G 3m/Alu 1,2 mm	Aluminium, for wire wheel Typ 25/4
<i>Accessories and Consumables</i>		
337115	Nozzle Ø 0,8 mm/M8 for SBT 307 G	10 pcs.
337116	Nozzle Ø 1,0 mm/M8 for SBT 307 G	10 pcs.
337117	Nozzle Ø 1,2 mm/M8 for SBT 307 G	10 pcs.
337101	Torch body SB/SBT 307G	
337106	Teflon liner 4m	SBT 307G
337107	Teflon liner 3m	SBT 307G
337104	Gas distributor	SB/SBT 307G
337102	Gas spreading element (ceramic)	SB/SBT 307G
337126	Gas nozzle screwable ring	SB/SBT 307G
337142	Plastic conductor, red, 3 m	universal
	Aluminium	
337143	O-ring for plastic conductor	



Item N°	Description	
<i>Spare parts / consumables</i>		
337130	Ceramic gas nozzle size 6 for TIG torch	
Wire wheels Type DV 25/4 InvertaPuls IP 8 / IP 10 / PU280A		
337209	Wire wheels Ø1,0mm steel 2 pcs.	
337210	Wire wheels Ø0,8mm steel 2 pcs.	
337211	Wire wheels Ø1,0mm ALU 2 pcs.	
337212	Wire wheels Ø1,2mm ALU 2 pcs. (wire wheels 25/4 with 1 inlet nozzle and 1 drain tube)	
<i>Spare parts</i>		
337140	Inlet nozzle ALU DV 25/4	
337141	Drain tube ALU DV 25/4	
337145	Inlet nozzle steel DV 25/4	
337146	Drain tube steel DV 25/4	
Wire wheels Type DV 26 InvertaPuls IP 8 / IP 10		
337213	Set wire wheels steel 0,8 + 1,0 mm - DV26 (2)	
337214	Set wire wheels ALU 1,0 + 1,2 mm - DV26 (2) (wire wheels 26 without inlet nozzle and without drain tube)	
Wire wheels V1 for welder IM 240-i und IP 6		
337215	DV-Rolle Stahl 0,6 + 0,8 mm - (2 St.)	
337216	DV-Rolle Stahl 0,8 + 1,0 mm - (2 St.)	
337217	DV-Rolle ALU 0,8 + 1,0 mm - (2 St.)	

Item N°	Description		Image
331007	<p>InvertaPuls IP 6-2 ACT 3 x 400V Pulse-Arc welder with connection for 2 torches steel and stainless steel welding Aluminium (AlMg, AlSi) / TIG (WIG) welding MIG-brazing (CuSi3, AlBz8, CuAl8) wire fill welding / electrode welding Supplied with roller wheels, handle and bottle holder (for one bottle) consisting of 2 x set of wire feed rolls for steel 0,8 / 1,0 mm, 1 x set of wire feed rolls for alu 1,0 / 1,2 mm 1 x torch 3G, 3m with black handle 1 x torch 3G 3 m with blue handle 1 x earth cable, 1 x double valve, 1 x manual</p>		
332007	<p>InvertaPuls IP 6-2 ACT 3 x 230V same scope of delivery as art N° 331007</p>		
308110	<p>Torch for steel 3m blue handle</p>	3G	
308111	<p>Torch for aluminium 3m black handle</p>	3G	
Spare parts 3G-torch			
307010	Gas nozzle conical	3G	
307011	Gas nozzle cylindrical	3G	
307012	Splash guard for gas nozzle	3G	
307013	Gas distributor	3G	
307014	Clamp sleeve for gas nozzle	3G	
307015	Swan neck	3G	
307016	Insulating sleeve	3G	
337173	Handle with torch holder for IP6/IP6-2		
337184	Cable holder for IP6/IP6-2		
308107	<p>Torch for aluminium 3 m ALU 1,0/1,2 mm with red handle</p>	MB24	
308109	<p>Torch 3 m PA-cable core with blue handle</p>	MB24	
307044	Gas nozzle conical	MB26	
307045	<p>Nozzle for aluminium Ø 1,0 mr M6 x 25</p>	10 pcs.	
307046	<p>Nozzle for aluminium Ø 1,2 mr M6 x 25</p>	10 pcs.	
307050	<p>Nozzle for aluminium Ø 1,0 mr M6 x 28 (for MB26 and 3G torch)</p>	10 pcs.	
307051	<p>Nozzle for aluminium Ø 1,2 mr M6 x 28 (for MB26 and 3G torch)</p>	10 pcs.	
307052	<p>Nozzle Ø 0,8 mm M6 x 28 (for MB26 and 3G torch)</p>	10 pcs.	
307053	<p>Nozzle Ø 1,0 mm M6 x 28 (for MB26 and 3G torch)</p>	10 pcs.	

Item N°	Description	Image
331000	<p>InvertaPuls IP 6 ACT, Pulse Arc, 3 x 400 V Pulse-Arc welder steel and stainless steel welding Aluminium (AlMg, AlSi) / TIG (WIG) welding MIG-brazing (CuSi3, AlBz8, CuAl8) wirer fill welding / electrode welding Supplied with roller wheels, handle and bottle holder Torch Type MB15 3m / set wire wheels Ø 0,8+1,0mm earth cable with clamp</p>	
331006	<p>InvertaPuls IP 6-2 ACT 3 x 400V Pulse-Arc welder with connection for 2 torches steel and stainless steel welding MIG-brazing (CuSi3, AlBz8, CuAl8) wirer fill welding / electrode welding Supplied with roller wheels, handle and bottle holder (for one bottle) consisting of 2 set of wire feed rolls for steel 0,8 / 1,0 mm, 1 torch MB15 3 m with teflon inlay Ø 1,0 mm with red handle 1 steel torch MB15 3 m with steel inlay Ø 0,8 mm with blue handle 1 x earth cable, 1 x double valve, 1 x manual</p>	
332006	<p>InvertaPuls IP 6-2 ACT 3 x 230V same scope of delivery as art N° 331006</p>	
Accessories InvertaPuls IP 6 / IP 6-2	311045 Adapter set for 2nd gas bottle	
311043	Magnetic holder for MIG torch	
332222	TIG torch IP 6 with gas valve in the handle	
337220	Set wire wheels steel Ø 0,8 + 1,0 mm	
337221	Set wire wheels ALU Ø 1,0 + 1,2 mm	
337142	Plastic wire conductor, red, 3 m for ALU	
337107	Teflin liner blue 3 m	

Item N°	Description
341290	<p>MIG-MAG IM 240-i single phase 220/240V Welder with inverter technology</p> <p>Content of delivery: 1 x Welder with rollers 1 x Torch MB 15 3m for steel 0,8 mm 1 x Earth cable 4m</p> <p>Wire feed-rolls for welding machine IM 240-i</p> <p>337215 Wire wheels steel 0,6 + 0,8 mm - (2 pcs.) 337216 Wire wheels steel 0,8 + 1,0 mm - (2 pcs.) 337217 Wire wheels ALU 0,8 + 1,0 mm - (2 pcs.)</p>
374415	Earth terminal without cable
304053	Earth terminal with earth cable



TIG-Welder
















331050	<p>TIG-welding machine WS TIG 200 consisting of: 1 x TIG torch SR26 4 m 1 x Earth cable 4 m 1x Pressure reducer Arg/ Co2 1x Instruction</p>
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Item N°	Description			
Torch Type MB15 / MB24				
308103	Torch kit steel 3m	MB15		
308104	Torch ALU 3m, blue handle	MB15		
308106	Torch ALU 3m, red handle	MB15		
308105	Torch kit steel 3m	MB24		
			Spare parts	
307020	Swan neck M8	MB14		
307021	Swan neck M10	MB15		
307022	Swan neck flexibel	MB15		
307025	Gas spreading element Ø 17mm	MB24		
307030	Gas distributor (142.0003)	MB24		
307031	Gas distributor	MB15		
307034	Spring	MB14/MB15		
307033	Nozzle Ø 0,6 mm 10 pcs.	MB15		
307035	Nozzle Ø 0,8 mm M6 x 25 10 pcs.	MB15		
307036	Nozzle Ø 1,0 mm M6 x 25 10 pcs.	MB15		
307037	Nozzle Ø 0,8 mm nickeled 10 pcs.	MB15		
307038	Nozzle Ø 1,0mm 10 pcs.	MB24		
307045	ALU-nozzle Ø 1,0 mm M6 x 25 10 pcs.	MB24		
307046	ALU-nozzle Ø 1,2 mm M6 x 25 10 pcs.	MB24		
307050	ALU-nozzle Ø 1,0 mm M6 x 28 10 pcs.	MB26		
307051	ALU-nozzle Ø 1,2 mm M6 x 28 10 pcs.	MB26		
307040	Gas nozzle conical for torch	MB14/MB15		
307043	Gas nozzle conical for torch	MB24		
307042	Gas nozzle conical for torch	MB25		
307047	Spot welding nozzle	MB14/15		
337107	Teflon liner 3 m	MB15		
337142	Plastic liner red 3 m for aluminium	universal		

Article Group 3

Welding accessories

Item N°	Description		
Accessories / Consumables and Test material			
311020	Torch spray Trennfix without silicone	400 ml	
311021	Protection paste for nozzles without silicone	400 g	
311050	Penetration test fluid Ardrox 9' red	400 ml	
311051	Penetration test cleaner	400 ml	
311052	Developer fluid ARDROX 9D11	400 ml	
311060	Temperature strips 6 steps up to 160°C	10 pcs.	
311061	Temperature strips 6 steps up to 127°C	10 pcs.	
311062	Tempilstik red 100° C <i>lead and sulfur free</i>		   
311063	Tempilstik green 204° C <i>lead and sulfur free</i>		
311064	Tempilstik yellow 400° C <i>lead and sulfur free</i>		
311065	Tempilstik blue 500° C <i>lead and sulfur free</i>		
311040	Nozzle cleaner set		
311041	Special pliers for welders (4 functions)		
561030	Body plier, hoof coating		
311042	Branch connection valve CO2 / Argon / mixed gas		
311044	Gas valve 1/4" for manometer CO2/Argon		

Item N°	Description		
311001	Welding wire SG2	Ø 0,8 mm	15kg
311002	Welding wire SG2TIVB* (*bronze plated for zinc-coated metals)	Ø 0,8 mm	15kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311074	Welding wire SG2TIVB	Ø 0,8 mm	5kg
311075	Welding wire SG2TIVB	Ø 1,0 mm	5kg
311082	Welding wire SG2	Ø 0,8 mm	5kg
311015	Welding wire Alu AlMg5	Ø 1,0 mm	7,0kg
311024	Welding wire AlMg5	Ø 1,2 mm	7,0kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311076	Welding wire AlMg5	Ø 1,0 mm	2,0kg
311077	Welding wire AlMg5	Ø 1,2 mm	2,0kg
311025	Welding wire Alu AlSi5	Ø 1,2 mm	7,0kg
311016	Welding wire AlSi5	Ø 1,0 mm	7,5kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311078	Welding wire AlSi5	Ø 1,0 mm	2,0kg
311079	Welding wire AlSi5	Ø 1,2 mm	2,0kg
311022	Welding wire Alu AlSi12	Ø 1,0 mm	7,0kg
311023	Welding wire AlSi12	Ø 1,2 mm	7,0kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311080	Welding wire AlSi12	Ø 1,0 mm	2,0kg
311081	Welding wire AlSi12	Ø 1,2 mm	2,0kg
311010	Welding wire NimoCro	Ø 0,8 mm	15 kg
311036	Welding wire NimoCro	Ø 0,8 mm	5,0kg
311017	Welding wire AlBz8/CuAl8	Ø 0,8 mm	15 kg
311037*	Welding wire AlBz8/CuAl8	Ø 0,8 mm	5,0kg
311004	Welding wire AlBz8/CuAl8	Ø 1,0 mm	15 kg
311003	Welding wire AlBz8/CuAl8	Ø 1,0 mm	5,0kg
311028	Welding wire AlBz8/CuAl8	Ø 1,2 mm	15 kg
311027	Welding wire AlBz8/CuAl8	Ø 1,2 mm	5,0kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311072	Welding wire AlBz8/CuAl8	Ø 0,8 mm	5,0kg
311073	Welding wire AlBz8/CuAl8	Ø 1,0 mm	5,0kg
311018	Welding wire CuSi3	Ø 0,8 mm	15 kg
311019	Welding wire t CuSi3	Ø 1,0 mm	15 kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311070	Welding wire CuSi3	Ø 0,8 mm	5,0kg
311071	Welding wire CuSi3	Ø 1,0 mm	5,0kg
















Type D200 coil



Article Group 3

Accessories welding wires















Item N°	Description	
307002	Single piece coil adapter	
307003	Two piece coil adapter	
307004	Adapter for wire coil Content of deliery: 1x centering adapter 1x spacer ring, width: 15 mm, Ø 55 mm 2x spacer ring, width: 10 mm, Ø 55 mm	
		







Item N°	Description	
352060	<p>Work Station WS60 400V with Dinse connec.</p> <p>Delivery content:</p> <ul style="list-style-type: none"> 1 x Transformer WS 60 with Dinse connection 1 x trolley 1 x welding gun 1 x Sliding hammer 1 x accessory tray (incl. electrode for wavy wire) 10 x wavy wire 	
Accessories for Work Station		
351001	Airpuller AP95 Standard with Dinse connection	
351060	Maxilift with pulling claw (with 3 claws)	
502002	Sliding hammer 4kg + BI-Puller + coupling	
358060	Powerlift electrode with adapter for AP 95	
358118	Diamond file AP95, half round	
358400	Magnetic earth clamp, MC95	
358411	Earth extension-cabel 2m with screwed plug for MC95	
932325	<p>Airpuller AP95 & Trafo 400V SET 2</p> <p>consisting of:</p> <ul style="list-style-type: none"> 1 x 358118 diamond file 1 x 297013 tips/quick hammer , 15 pieces 1 x 351001 Airpuller AP95 1 x 351080 multi-slide hammer Dinse 1 x 353007 transformer 1 x 357002 electrode set 5+1 St. 1 x 358030 trolley for AP95+Trafo 	











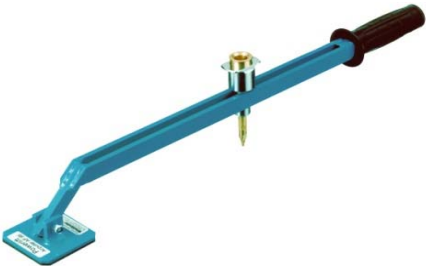










Article Group 3

Accessories Work Station WS 20

Item N°	Description		Image
507031	Wavy welding rods	50 pcs.	
507040	Magnetic holder for wavy welding rods		
507035	Electrode for wavy welding rods		
561190	Vice grip for wavy welding rods		
521201	File with handle - coarse 1 medium		
521203	File with handle - coarse 3 fine		
521230	Body file (wooden) half round		
521231	Body file (wooden) straight		
501033	Head part for tripple sheet metal (M14), SAH		
501034	Hook for washers (M14), SAH		
<i>Consumables for Work Station WS 20</i>			
297013	3 pinted tips for pulling hammer	15 pcs.	
297009	Washers DIN 125	100 pcs.	
497028	U-panes copper-plated	100 pcs.	
357002	Pin electrode set AP 95 (5 x steel + 1 x copper)	6 pcs.	
357022	Electrodes 35mm for Powerlift short version	4 pcs.	
357023	Electrodes 65mm for Powerlift long version	3 pcs.	












Item N°	Description	
351001	Airpuller AP95 Standard with Dinse connection	
Accessorial tools for Airpuller AP 95		
351080	Multi-Slide-Hammer with Dinse connection	
358030	Trolley for transformer and Airpuller (delivery <u>without</u> Airpuller and transformer)	
358000	Accessory tray for Workstation WS20 equipped	
353007	Transformer 400V with Dinse connection (Voltage adaptable to 230V)	
352011	Set Airpuller AP95 + Trafo 230V	
352012	Set Airpuller AP95 + Trafo 400V	
<i>Spare parts Transformer AP95</i>		
354301	Electronic board for transformer, System B from serial no. 50000	
354197	Copper cable socket	
358400	Magnetic earth clamp MC95	
358411	Earth cable extension 2m	
<i>Spare part for magnetic earth clamp</i>		
354400	Contact bushing magn.earth clamp MC95	
358410	Earth cable 2 m , Dinse DIX SK 35 for AP95 / M3 / M6	













Item N°	Description		
358401	Magnetic earth clamp - large		
354050	Earth electrode for magnetic earth (large)		
351070	Welding gun for WS 20, Dinse connection		
297107	Carbon electrode Ø 10mm for welding gun WS 20	L 305 mm	
497014	Electrode for wavy welding rods		
497015	Contact piece for washers		
497017	Contact piece for shrinking		
497019	Contact piece for T-pin		
497021	Contact piece for pin 2-2,5 / 4 mm		
497023	Contact piece for pin 5 + 6 mm		
			Powerlift
351050	Powerlift with power electrode for AP95		
	 <p><i>example of use</i></p>		
358060	Power electrode for AP95		
357022	Electrode 35mm for Powerlift short version	4 pcs.	
357023	Electrode 65mm for Powerlift (long version	3 pcs.	

Item N°	Description		
351060	Maxilift with pulling claw		
<i>Spare parts for Maxilift + Powerlift</i>			
354105	Rubber plate		
354110	Handle		
358050	Pulling claw (with 3 claws)		
358200	Magnetic clamp for Maxilift/Powerlift		
			
358118	Diamond file (half round) for electrodes AP95		
<i>Consumables for Airpuller AP 95</i>			
357000	Pin electrodes AP 95	5 pcs.	
357001	Copper electrode		
357002	Electrode set (5 x pin electrodes + 1 x copper electrode)	6 pcs.	
507035	Universal electrode for wavy wire		
507030	Wavy wire	10 pcs.	
507031	Wavy wire	50 pcs.	
297009	Washers DIN 125	100 pcs.	

Article Group 3

Beulenfix / Line Puller

Item N°	Description		
371004	Beulenfix Set including: sliding hammer art. No. 371002 1000 welding studs Ø 2,0 art. No. 377000		
372001	Welding gun Beulenfix		
371002	Sliding hammer for Beulenfix		
<i>Consumables Beulenfix</i>			
377000	Welding studs Ø 2,0mm	1000 pcs.	
377001	Welding studs Ø 2,6mm	1000 pcs.	
			Linepuller
821102	Line-Puller Set 1250 including: 1 x Aluminium traverse with straight feet 1 x Pulling hook with 2 claws 1 x Pulling hook with 3 claws 1 x Pull rods set 4 pcs., Ø 8 mm 2 x Suction holder 1 x Gauging unit		
821010	Welding bits straight with oval hole 800g (+/- 110 pcs.)		
821011	Welding bits twisted with oval hole 800g (+/- 110 pcs.)		
507034	Contact piece for welding eylet		
351010	W+S hand puller Set cpl.		
<i>Consumables Handpuller</i>			
354055	Thin tip electrode for rapid spot		

Article N°	Description					
381000	DS20 comp. in plastic case					
<div style="display: flex; justify-content: space-around;">   </div>						
381001	DS20 Basis version in carton box					
<p><i>Accessories and consumables DS 20</i></p>						
387000	Pulling spindel ZP1-ZP5 , Set	5 pcs.				
387001	Pulling spindel ZP1 standard	5 pcs.				
387002	Pulling spindel ZP2 round	5 pcs.				
387003	Pulling spindel ZP3 small	5 pcs.				
387004	Pulling spindel ZP4 sperical	5 pcs.				
387005	Pulling spindel ZP5 oval	5 pcs.				
387013	Special glue stick yellow	25 pcs.				
387014	Special glue stick black	25 pcs.				
388001	Teflon chisel					
388002	Plastic scraper					
388010	Marker black					
388012	Marker white					
384006	Refill for marker, black (10pcs.)					
384007	Refill for marker, white (10pcs.)					
388020	W+S glue remover	30 ml				
388021	W+S paintwork cleaner fluid	30 ml				
388030	Hot glue gun					
388040	Planishing lamp with magnetic base					
388042	Planishing lamp with suction base					

Article Group 3

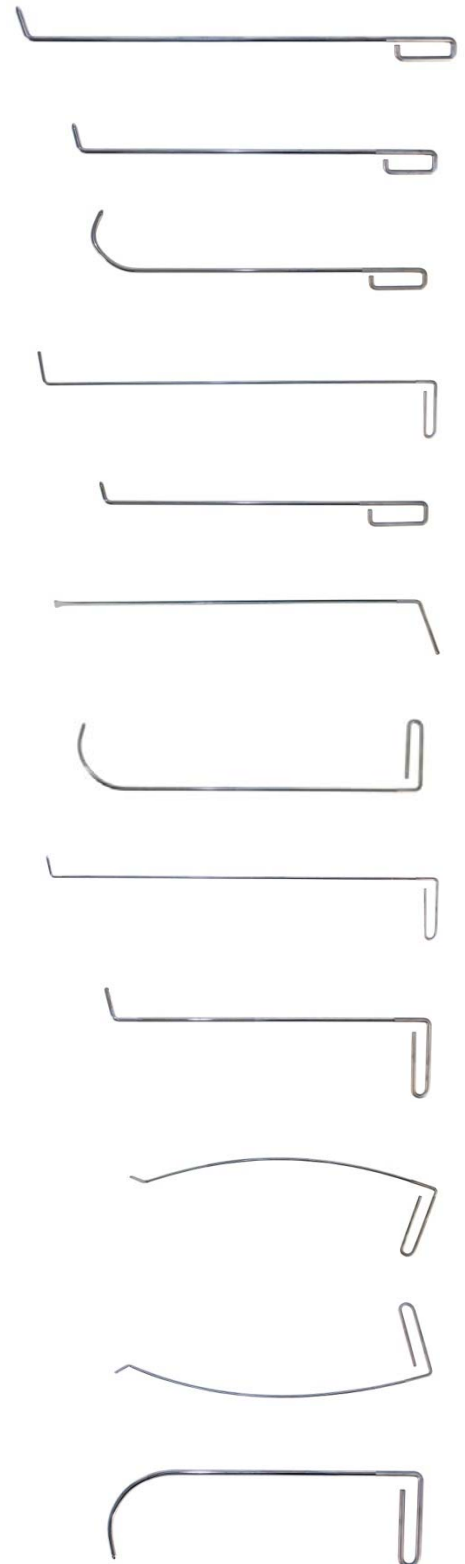
Dent removal hand gears

Article N°	Description
391400	W+S dent removal kit of 30 pieces in alu case
980460	Dent removal course 2 days training - please ask for more details






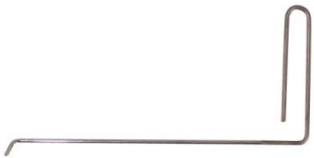







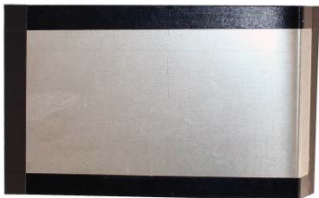

Dent removal hand gears

391150	Dent removal N° 1	L 880 mm, Ø 14 mm
391152	Dent removal N° 2	L 675 mm, Ø 12 mm
391153	Dent removal N° 3	L 440mm Ø 10 mm
391154	Dent removal N° 4	L 795 mm, Ø 7 mm
391155	Dent removal N° 5	L 450 mm, Ø 8 mm
391156	Dent removal N° 6 with rolled tip	L 585 mm, Ø 6,5 mm
391157	Dent removal N° 7	L 520 mm, Ø 7 mm
391158	Dent removal N° 8	L 695 mm, Ø 5 mm
391159	Dent removal N° 9	L 440 mm, Ø 7 mm
391151	Dent removal N° 10	L 430 mm, Ø 5 mm
391161	Dent removal N° 11	L 430 mm, Ø 5 mm
391162	Dent removal N° 12	L 320 mm, Ø 7 mm

















Article Group 3

Dent removal hand gears

Article N°	Description		
391163	Dent removal rod N° 13	L 210 mm, Ø 5 mm	
391164	Dent removal rod N° 14	L 210 mm, Ø 5 mm	
391165	Dent removal rod N° 15	L 210 mm, Ø 5 mm	
391166	Dent removal rod N° 16	L 220 mm, Ø 4 mm	
391167	Dent removal rod N° 17	L 220 mm, Ø 4 mm	
391168	Dent removal rod N° 18	L 200 mm, Ø 5 mm	
391169	Dent removal rod N° 19	L 200 mm, Ø 3mm	
391160	Extension chain with S-hooks		
391129	Roof strap		
391127	Nylon punch		
39128	Air wedge		
391034	Window protector		
581101	Molding wedge No 1		

Article N°	Description		
391300	Plastic repair kit complete with case 1x hot air blower 1x reduction nozzle 1x welding shoe 10x Multi-Thermoflex-welding cable 5x wire mesh 1x		
<i>Accessories Plastic repair kit</i>			
394010	Welding nozzle		
394012	Heat protection disc		
394014	Reduction nozzle 9mm		
<i>Consumables for Plastic repair kit</i>			
397010	Plastic welding rods suitable for all thermo plastics	20 pcs.	
397015	Wire mesh, stainless steel 110 x 150 mm	10 pcs.	
			Hot Stapler
821110	Hot Stapler plastic repair kit		
821111	Repairing cramp U-Form 0,6 mm	100 pcs.	
821112	Repairing cramp U-Form 0,8 mm	100 pcs.	
821113	Repairing cramp V-Form 0,8 mm	100 pcs.	
821114	Repairing cramp W-Form 0,6 mm	100 pcs.	
821115	Repairing cramp W-Form 0,8 mm	100 pcs.	
821116	Repairing cramp set U-0,6+0,8/V-0,8/W-Form 0,6+0,8	5x100 pcs.	

Article N°	Description		
361000	Alu-Pull-Kit AK 98 for alu stud welding consisting of: 1 x Control unit AK98 / 230V 1 x Welding gun AK98 ALU 1 x Stud holder 4 mm 1 x Alu studs 4 x 15 mm (100 pcs) 2 x Earth cables 1 x wrench 1 x Metall case 3 x pulling rods 3 x pulling washers		
Accessories and spares for AK 98			
368001	Welding gun AK 98 ALU		
368002	Welding gun for steel studs Ø 3-8mm		
368005	Special adapter for VW-AUDI welding gun		
368060	Universal stud clamping piece		
351060	Maxilift with triple pulling claws		
368104	Contact adapter M4		
368105	Contact adapter M5		
368106	Contact adapter M6		
<i>Consumables for Alu Pull Kit AK 98</i>			
368040	Pull washers M4	10 pcs.	
368043	Pull washers M4	3 pcs.	
368050	Pulling rod V2A 160mm .	3 pcs.	
368020	Side cutting pliers		
Studs and pulling rods			
367015	Studs Alu M4x15mm	100 pcs.	
367016	Studs Alu M4x15mm	1000 pcs.	
367030	Studs Alu T5x10,5mm	100 pcs.	
367035	Studs Alu T5x15,5mm	100 pcs.	
367040	Studs Alu T5x25 mm	100 pcs.	
367045	Studs Alu M6x12mm	100 pcs.	
367050	Studs Alu M6x16,5mm	100 pcs.	
367080	Pulling rods Steel 4x35mm	200 pcs.	
367081	Pulling rods Steel 4x35mm	500 pcs.	
367085	Pulling rods V2A 4x35 mm	200 pcs.	

Article Group 3





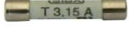





Stud welding unit BSP 03






Article N°	Description		
341001	BSP 03 stud welding system 3x400V Including: 1 x Stud welding unit BSP 03 1 x stud welding gun BSP 03 2 x earth cable complete 1 x stud holder for studs Ø 6 x 40mm, V2A - SA 1 x wrench 17-17 for stud holder 500 x studs V2A-SA Ø 6 x 40 mm 1 x trolley 1 x Gas hose <i>supply without gas hose</i>		
341002	Adapter Kit BSP 03		
571000	W+S rivet gun 1ph 220/240 Volt 50-60 Hz		
<i>Spare parts rivet gun</i>			
578102	Li-Ion Ladegerät 14,4 V 230 V 50 Hz		
578103	Li-Ion Powerakku 14,4 V /2,6 Ah		
Accessories BSP 03			
341003	Flamable Set		
347004	Pyrosil-Primer GP 15	50 ml	
347005	Pyrosil MGK - refill	27,5 g	
348010	Trolley for BSP03		
671001	Belt grinder		
677001	Grinding paper for belt grinder	10 pcs.	
628005	Center punch		
341007	Rivet head drill for BSP 03 6,4 x 70 mm	5 pcs.	
311042	Pressure reducing device CO2/Argon/mixed gas		



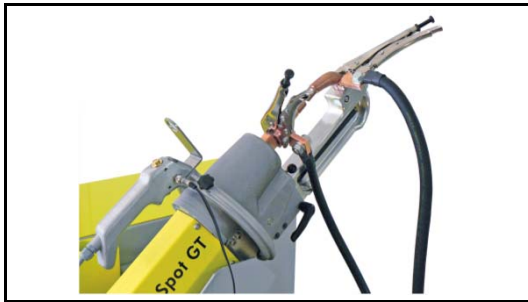
Article Group 3

Accessories BSP 03

Article N°	Description		
<i>Spare parts and consumables for BSP 03 system</i>			
347001	Draw pins V2A-SA Ø 6x40mm	500 pcs.	
574000	Mouth piece for rivet gun Ø 10 and 14mm (3 pcs/each)	6 pcs.	
344002	Gas shroud for welding gun of BSP 03	2 pcs.	
344003	Fuse F1 0,4 A, slow for BSP 03		
344004	Fuse F2 3,15 A slow for BSP 03		
344005	Gun leg for welding gun of BSP 03	4 pcs.	
344006	Distance plate for welding gun of BSP 03	3 pcs.	
344007	Stud holder Ø 6 x 40mm for welding gun of BSP 03	3 pcs.	
344009	Gripping mechanism compl. for W+S rivet gun		
574005	Clamping jaws (6 pcs.) for gripping mechanism 344009	2 sets	

Item N°	Description	
471002	<p>InvertaSpot GT inclusive Automatic 400V Spot welder with C-transformer gun 3 m with C-arm size 1 and accessories consisting of 1 x Operation manual 2 x 474005 Balancer bar straight 1 x 474013 Balancer gibbet 1 x 474015 Balancer ring 1 x 478060 balancer roller GT (cpl.) 1 x 498085 Spring balancer 9-15kg 1 x 474250 Set of allen key 1 x electrode caps 1 x 474017 Isolation strap with carabiner and metal ring 1 x 474085 support for cables 1 x 474007 set of wheels</p>	
473002	<p>InvertaSpot GT inclusive Automatic 3x200V <i>Equipment and scope of delivery as Item N° 471002</i></p>	
478170	<p>Software Upgrade Kit Semi-Automatic-Modus GT-V2 incl. Display 1 x front display 1 x SD cards with Software V2-3005 1 x Pair (2 pieces) Electrode caps Form A-32 1 x manual GT (V2) Semi-Automatic 1 x C-arms recommendation</p>	
497096	<p>Electrode tips Ø 16mm Form A-32 6 pcs</p>	
478090	<p>Cooling water preparation kit consists of: 478092 corrosion prevention liquid 250 ml 478091 anti-freeze liquid 4000 ml</p>	
478055	<p>Compressed air water cutter GT complete for InvertaSpot GT with proportional valve</p>	

Item N°	Description
351002	Airpuller AP95 - GT for C -transformer gun
351006	Airpuller AP95 - GT for X -transformer gun



478006	Single sided gun for GT C-gun with grip fixing 2,5 m - with accessory tray including 1 x 497014 electrode for wavy wire 1 x 497015 electrode for washers 1 x 297009 100 washers 1 x 297125 electrode caps for single sided gun 1 x 297106 copper electrode for single sided gun 12mm
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478001	Single sided welding gun for GT with C-gun WATERCOOLED - without accessory tray
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475012	Vice grip with SK-22 holder (hexagonal bar for welding cable)
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475013	Vice grip with D-25 support (round bar for earth cable)
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881510	Protector 12 V
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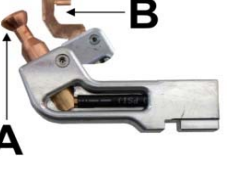




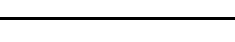







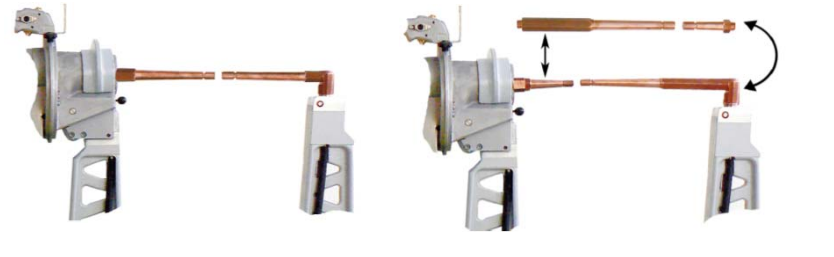








Info: Accessories for single sided gun page 37-38

















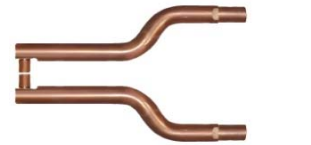









Item N°	Description	
478005	Protection cover for GT	
478080	Wheel broadening set for high vehicles consisting of: 1x post bar 630mm 1x belt strap 650mm 2x panels (boards) left/right	
478060	Balancer roller compl.	
474017	Isolation strap with carabiner and metal ring	
470008	WT 1000 Corrosion prevention liquid 150 ml for InvertaSpot GT cooling system	
498003	Electrode tip remover	
498007	File electrode caps InvertaSpot	
498009	File electrode caps for GT Automatic	
817030	EUROPAX Welding primer 500 ml	
497010	Electrode copper paste conductive 100 g	
298298	Emery sparge grit 60	
297300	Metal sheet V2A VE 100 St. 250 x 150 x 06 mm (for alu welding)	

Item N°	Description	
474429	CS-transformer gun 400V, compl. incl. C-Aam size 1, cable 3000 mm, water cooled	
474402	X-transformer gun 400V, compl. incl. standard electrode arm, cable 3000 mm water cooled	
497110	Electrode tip kit for C-gun Ø 16mm, 16 pieces consisting of: 1 x 960162 accessory tray with 4 x 960500 electrode caps form A 4 x 960510 electrode caps form B 2 x 960530 electrode caps form E 2 x 960548 electrode caps spade form 2 x 960520 electrode caps form D 2 x 960550 electrode caps off center form	
478010	Set for handle enlargment to turn the handle 360° - for C-gun only	
474085	Cable holder GT	
		<p><i>Info: included in the standard equipment</i></p>
495664	Set of electrodes with rocker type "Passat" water cooled	

Item N°	Description		
495620	C-gun electrode N°1 with electrode, 16er tip - standard arm plastic jacketed	70 x 150mm	
495606	Electrode set - 90° angle N°11	70 x 150 mm	
495622	Tip holder 121mm for E-arm 495606		
495623	Tip holder 28mm for E-arm 495606		
495607	Extended electrode 90° N°13	150 x 150mm	
495693	Boltscrew for extended electrode 495608 (spare part)		
495694	O-ring for screw studs	3 pcs.	
495645	Electrode set 38° N°9	150 x 150mm	
495646	Electrode extension 38° N°12 (without tip holder) for C-gun electrode size 1, 16mm tip		
495602	C-gun electrode N°2	for wheel arch	
497070	Electrode size A for C-gun size2		
497071	Electrode size B for C-gun size2 (electrode tips Ø 13 mm)		
497072	Electrode spoon shape <i>water cooled</i> Tips Form B	Form B	
497005	Electrode caps, radius 32, Ø 13, 6 pcs. Tips Form A	6 pcs.	
495604	Electrode set with rocker N°10 for wheel arch		
495611	C-gun electrode N°6 electrode tip 16mm	120 x 120mm	
495621	Tip holder 46 mm for C-gun N°6 tip diameter 16mm		
495650	C-gun electrode N°7 16mm electrode tip	150 x 200mm	




















Item N°	Description		
495625	C gun electrode N°3 16mm tips plastic jacketed	150 x 450mm	
495630	C gun electrode SET consisting of N°2 + N°3 16mm tips		
495615	C gun electrode N°4 with Elektri 16mm tips and plastic jacheted	350 x 450mm	
			
<p><i>example on how to change electrodes for size 4</i></p>			
495626	C-Arm N° 5 16 tip holder/ rubberized		
Tip holder for C-Arm size 4/16mm			
495618	Set tip holder 170 mm C-Arm size 4/16er	2 pcs	
Tip holder for C-Arm size 4/16er			
495617	Tip holder 83 mm, C-arm Gr. 4/16er		
495619	Tip holder 170 mm, C-arm Gr.4/16er		
495616	Tip holder 260 mm, C-Arm Gr.4/16er		
495692	Tip holder support for C-Arm Gr.4/16er		
494040	Copper sealing ring M16 for electrodes and tip holder	2 pcs	

Item N°	Description		
Electrode tips for C-gun + X-gun 16mm diameter			
497079	Electrode tips Ø 16mm conical/flat	Form B 4 pcs.	
497081	Electrode tips Ø 16mm	Form E 4 pcs.	
497097	Electrode tips Ø 16mm R40	Form A-40 6 pcs.	
497085	Electrode tips Ø 16mm	Form D 4 pcs.	
497102	Electrode tips set GT Ø 16mm Form B + spade form short	2 pairs	
497076	Electrode tips Ø 16mm excentre	Form P 4 pcs.	
497105	Elektrode tips Ø 16mm for set 38° (Art.-No.495646)	Form D/38° 6 pcs.	
497096	Elektrode tips Ø 16mm 	Form A-32 6 pcs.	
Elektrode arms for X-transformer gun GT			
water cooled			
495820	Electrode set No. 69 straight (standard)	Ø 16 / 120 mm	
495065	Electrode set No. 68 for wheel arch (without water cooling)		
497040	Angle electrode for set No. 68		
497041	Elektrode Isolation tube Ø 14 mm for electrode set No. 68		
495815	Electrode set No. 67 pointed	Ø 16 / 260 mm	

Item N°	Description		
495805	Electrode set No. 66 for tips 16mm	260 mm	
495715	Electrode set No. 50 streight 90° 16mm tip holder	280 mm	
495740*	Electrode arm No. 59 angulated 16mm tip holder	280 mm	
495800	Electrode set No. 65 16mm tip holder	280 mm	
495750	Electrode set No. 51 streight 90° 16mm tip holder	420 mm	
495765*	Electrode arm No. 60 angulated 16 mm tip holder		
495082	Electrode set No. 72 Spedial edition for "Sprinter" and "Astra" for 13mm tips	120 mm	
497086	Electrode tips round for electrode set No. 72 for 13mm tips	VE 3 St.	
497009	Electrode tips short for set N° 73	3 pcs.	
497007	Electrode tips 24 mm long for set N° 74	6 pcs.	

Article Group 4

Accessories single sided gun



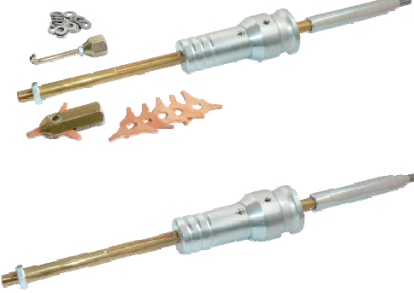







Item N°	Description		
478100	Dent removal set InvertaSpot GT consisting of: sliding hammer hook for U-discs + 100 U-discs head part for triple tips		
501025	Sliding hammer (M14) for single sided welding gun InvertaSpot GT		
501034	Hook for U-disc, M14		
501033	Headpart for triple tips, M14		
297013	Triple tips for dent pulling for sliding hammer and head part 501033	15 pcs.	
497025	Nut M8 x 15 mm copper plated	25 pcs.	
497015	Contact piece for washers		
497028	Washers, copper plated	100 pcs.	
297009	Washers DIN 125 (8x16)	100 pcs.	
497019	Contact piece for T-pin		
297031	T-pin 3 x 3,2 mm	100 pcs.	
297032	T-pin "VW" 3 x 4,5 mm	100 pcs.	
297033	T-pin 5 x 10 mm	50 pcs.	
497021	Contact piece for bolts 2/2,5 - 4 mm		
497023	Contact piece for bolts 5 - 6 mm		
497027	Bolts M4 x 15mm	50 pcs.	
297051	Bolts M5 x 18 mm	50 pcs.	
297061	Bolts M6 x 12 mm	50 pcs.	
297062	Bolts M6 x 20 mm	50 pcs.	
297052	Bolts TB-thread 5,5 x 14,2 mm	50 pcs.	

Article Group 4

Accessories single sided gun

Item N°	Description		
297053	Bolt TB thread 5,5 x 18 mm	50 pcs.	
297054	Bolt TB thread 5,5 x 25 mm	50 pcs.	
297055	Bolt TB thread 5,5 x 9,0 mm	50 pcs.	
497014	Electrode for wavy welding rod		
507031	Wavy welding rod	50 pcs.	
497017	Contact piece for shrinking		
297107	Carbon electrode Ø 9,5 mm	L 305 mm	
497026	Carbon electrode Ø 12 mm	L 150 mm	
297106	Electrode for single sided gun ∅	L 98,5 mm	
297121	Electrode tips straight Ø 12 mm	6 pcs.	
478002	Accessory tray for single sided gun GT consisting of: 1 x 497014 Electrode for wavy welding wire 1 x 497015 Contact piece for washers 1 x 297009 washers 1000 pcs. 1 x 297125 electrode caps for single sided gun 1 x 297106 electrode for single sided gun		
497001	Electrode tips round Ø 13 mm	6 pcs.	
497004	Electrode tips spade form Ø 13 mm	6 pcs.	
497005	Electrode tips Form A R32 Ø 13 mm (for electrode set Nr. 66)	6 pcs.	
497006	Electrode tips 19,5 mm long Ø 13 mm	6 pcs.	
497007	Electrode tips 24mm long Ø 13 mm	6 pcs.	
497008	Electrode tips angular, R20 Ø 13 mm	6 pcs.	

Item N°	Description	
571101	Rivet Gun Powerbird with rechargeable battery	
Accessories		
578105	Gripping mechanism compl. for rivets	
344009	Gripping mechanism compl. for rivets BSP 03	
578110	Special insert for Daimler	
578112	Powerbird-extension 100 mm + insert	
578115	Rivet pulling insert (for Powerbird) <i>to extract punch rivets</i>	
578103	Li-Ion Power accu 14,4 V /2,6 Ah	
578102	Li-Ion recharger 14,4 V 230 V 50 Hz	
574000	Mouth piece for rivet heads 6 pcs. Ø 10 u. 14mm (3 pieces of each size)	
571110	Rivet gun TAURUS 4 <i>pneumatic</i>	
578113	Extension 50 mm Taurus 4	
578114	Extension 100 mm Taurus 4	
<i>Spare parts Powerbird / Taurus</i>		
574006	Endpiece (standard for Powerbird)	
574014	Mouth piece 17/32 Powerbird/Taurus	
574015	Mouth piece 17/36 Powerbird/Taurus	
574016	Mouth piece 17/40 Powerbird/Taurus	
574017	Mouth piece 17/45 Powerbird/Taurus	
574018	Set clamping jaws (standard for Powerbird)	
574019	Set clamping jaws (standard for Taurus 4)	
531110	Rivet head cutter	
		

Item N°	Description			
501040	Sliding hammer for 3-pointed tips including: 1 x Sliding hammer, 1 x head part M10 for 3-pointed tips 5 x 3-pointed tips <i>Info: only for Invertaspot GT welders</i>			
478100	Sliding hammer Set including: 1 x Sliding hammer M14 + 1 x hook for washers 1 x head part for 3-pointed tips 15 x 3-pointed tips + 100 x washers			
501025	Sliding hammer <i>Info: only for GT / WS 20 and Multispot</i>			
501031	Head part M 10 for 3-pointed tips			
501033	Head part M 14 for 3-pointed tips			
501032	Hook for washers M10			
501034	Hook for washers M14			
<i>Consumables - Sliding hammer</i>				
297009	Washers DIN 125	100 pcs.		
297013	3-pointed tips for Sliding hammer	15 pcs.		





Article Group 5

Bi-Puller

Item N°	Description		
501009	Bi-Puller with 9 claws		
502002	Sliding hammer 4kg + BI-Puller and coupling		
501005	Sliding hammer with round hook 4kg		
<i>Spare parts</i>			
504011	Round hook for sliding hammer 4kg		
504012	Hook nut for sliding hammer 4kg		
508021	Coupling for Bi-Puller to sliding hammer		
<i>Consumables Bi-Puller</i>			
507031	Wavy welding rod	50 pcs.	
507030	Wavy welding rod	10 pcs.	
Accessories Bi-Puller			
507040	Magnetic holder for wavy welding rod		
507035	Electrode for wavy welding wire		
561190	Vice grip for wavy welding wire		
			Maxilift
351060	Maxilift incl. Pulling claw		
<i>Spare parts</i>			
354105	Rubber plate		
354110	Handel		
358050	Pulling claw (3-claws) for Maxilift		

Article Group 5

Sliding Hammer

Item N°	Description	
511300	Sliding hammer with hook 5kg	
511301	Sliding hammer with hook, large 9 kg	
511310	Hook, extra hard	
511299	Vacuum sliding hammer with 3 plates Manual impact weight 1,220 kg	
		Pulling Clamps
511311	Angle clamp 90°	
511312	Mity-Bite clamp - wide	
511314	Mini - Bite clamp	
511315	Double clamp for sliding hammer	
511316	Mity-Bite clamp slim	
511317	Chain shorten device	
511325	Pulling device	
<i>Spare parts</i>		
514001	Conus for Mity-Bite clamp	
514002	Shaft screw and nut for hook	
514003	Screw set for Mity bite clamp	
514004	Winding nut	
514005	Exchange clamps complete with screws	














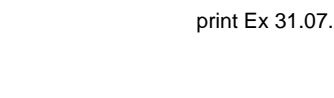
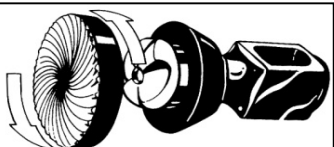
Article Group 5

Pulling Clamps

Item N°	Description	
511420	Pulling clamp K210 small self tensioning	
511421	Pulling clamp K211 large self tensioning	
511422	Pulling clamp K 212 for two directions	
511423	Pulling clamp Mini K213	
511424	Pulling clamp K214 lateral - self tensioning	
511425	Chain lock K215	
511429	Holder for hook + pulling clamp	
501310	Pulling belt (nylon) 1200 x 80 mm	








Article Group 5

Chisel and Hammers

Item N°	Description			
511020	Bumping hammer 300g			
511021	Bumping hammer 400g			
511025	Gold work hammer			
511026	Finishing and grooving hammer			
511027	Wooden mallet N° 3	500g		
511023	Wooden mallet N° 2 - small	350g		
511028	Plastic hammer rebound free			
511029	Soft face hammer rebound free			
511030	Alu hammer			
511031	Soft face hammer Elastonal			
511032	Dolly hammer 3 springs			
<i>Spare parts</i>				
514092	Insert for Dolly hammer			
514094	Spare handle Hickory wood			
511033	Single end planishing hammer			
511034	Hammer with Nylonhead			
511035	Twist hammer			

Article Group 5

Hammers

Item N°	Description	
511039	Body hammer	
511040	Locksmith hammer 300g	
512002	ALU planishing hammer Set 4 pieces	
512004	Aluminium dent removing dolly set 11 pieces	
		Chisel
511002	Body separation chisel	
512001	Body separation chisel incl. Hand protection	
518001	Hand protection for body separation chisel	

Article Group 5

Dolly Wedges

Item N°	Description	
511100	Dolly wedge (comma shape) upper part arched	
511102	Dolly wedge, V-notch shape 115 x 60 mm, hight 25 mm	
511103	Dolly wedge, hatchet shape 75 x 6 / 45 x 25 mm	
511105	Dolly wedge flat shape 160 x 60 x 25 mm	
511110	Dolly wedge toe shape 115 x 60 x 28 mm	
511111	Dolly wedge K-toe shape 120 x 60 m 28 mm	
511112	Dolly wedge universal 75 x 55 mm and 60 x 45 mm Height 57 mm	
511113	Dolly wedge half round 80 x 60 x 35 mm	
511114	Dolly wedge Diabolo shape Ø 60 mm, Hight 55 mm	
511117	Dolly wedge Daimler shape Lengths 105 mm, wide 50 mm, Hight 50 mm	
511119	Dolly wedge W+S / P universal	

Article Group 5

Heavy Spoons and Pry Bars

Item N°	Description	
511220	Heavy spoon 150 mm x 50 mm	
511221	Heavy spoon 200 x 60 x 30 mm	
521102	Bumping blade	
511202	Pry bar, extra strong	
511204	Pry bar with round head nickel plated	
511206	Pry bar universal	
		Body file
561030	Bending pliers (especially for car body works)	
523222	Set of 6 files, in curling bag	
521110	Dolly file, small, grid	
521210	Body blade with holder	



Article Group 5

Files / Shears / Scrapers

Item N°	Description	
521201 521203	File coarse 1, medium File coarse 3, fine	
521230	Body file, wooden handle, halfround	
521231	Body file, wooden handle, straight	
521211	Body blade diagonal Z-2 <i>for Item N° 521210 and 521231</i>	
521212	Body blade radial Z-1 <i>for Item N° 521210 and 521231</i>	
521213	Body blade radial Z-2 <i>for Item N° 521210 and 521231</i>	
521214	Body blade radial Z-3	
521225	Body blade, halfround <i>for Item N°521230</i>	
		Hard metal scraper
531100	Sheet metal shear, left 260mm	
531101	Sheet metal shear, right 260mm	
547032	Fix-Cut 1, scraper kit for car window repair item supplied: 2 x handle 2 x scraper 25mm 2 x scraper 20mm 1 x grindstone	
932700	Door seal opener TFO 100	
932702	Spare blade for TFO 100 5 pcs.	
541001	Hard metal scraper 24 mm 3-edged	
547001	Spare blades for scraper 541001	
541005	Hard metal scraper 50 mm wide	
547005	Spare blades for scraper 541005	
541030	Manual deburring tool	
547030	Spare blades for deburring tool	

Article Group 5

Aluminium Plastic

Item N°	Description		
542050	W+S 2C Aluminium-filler 2-Components		
542051	Aluminium powder (for W+S 2C) 1 kg		
542052	Hardener liquid (for W+S 2C) 350 g		
542055	Steel-2-componets butty 2-C W+S		
542040	CBR 2109 filler for Alu and steel 200 ml incl. 3 mixing tubes		
542042	Mixing tubes 2132-MW1 for CBR 2109	10 pcs	
NEW			
Round brushes			
541201	Round brush with shaft steel Ø 80 mm		
541202	Round brush with shaft steel Ø 75 mm		
541203	Conus brush 115 mm, wire 0,5 mm		
541210	Jar brush M14, 65mm, wire 0,5 mm		
541214	Round brush 36 x 6,5 mm, wire 0,3 mm steel - brass coated, thread M6		
541217	Round brush 100 x 10 mm, wire 0,3 mm steel - brass coated, thread M6		
541213	Steel clamping shank M 6 x 10 length 47 mm		











Article Group 5

Wire brushes / Dust brushes

Item N°	Description		
541212	Wire brush, manual, V-form stainless steel		
541211	Stainless steel wire brush		
541010	Scraper for undercoating		
541020	Scraper for undercoating (set)	4 pcs.	
541280	Duster 600 x 35 mm	10 pcs.	
541101	Round brush, long bristles G10		
541103	Flat brush G5		
541250	Flat brush, Nylon		
541290	Round brush size 2		

Vice Grips

561150	Vice grip 112, straight jaws 5"		
561151	Vice grip 145, U-shape 12"		
561152	Vice grip 144		
561153	Vice grip 224		

Item N°	Description	
561154	Vice grip 111, curved jaws 10"	
561181	Vice grip Axial DW	
561182	Vice grip Axial DS	
561183	Vice grip Axial D	
561184	Vice grip Axial T	
561185	Vice grip Axial WS	
561230	Vice clamp No. 2 Length 30 cm	
561186	Micro Grip 2000, 10 cm long	
561190	Vice grip for wavy welding rods	
561191	Ergogrip	











Article Group 5

Rolling and Flanging Tools

Item N°	Description	
562055	Rolling and Flanging Tool RFW 2000 110/230V electric motor	 
	incl. 1 x wheel house attachment 1 x RFW wheel house roll 1 x RFW shaping roll 1 x RFW final shaping roll S	
567052	RFW wheel house roll	
567053	RFW shaping roll	
567054	RFW final shaping roll small	
567055	RFW final shaping roll large	
		Crimping tool
561020	Set of crimping tools, set of 3 pieces	
561015	Crimping tool size 1 narrow / narrow	
561016	Crimping tool size 2 broad / narrow	
561017	Crimping tool size 3 broad / broad	
561018	Crimping tool size 4 for wheel house narrow / short bended 90°	
561019	Crimping tool size 5	
561010	Set of crimping tools, set of 5 pieces consisting of size 1, size 2, size 3, size 4 and size 5	
561040	Pliers to remove door leaf	








Article Group 5











Dolly Set / Wedges

Item N°	Description		
577108	Temporary fastener Ø 2,5mm	20 pcs	
577104	Temporary fastener Ø 4,1 mm	20 pcs	
577109	Temporary fastener Ø 4,7mm	20 pcs	
577106	Temporary fastener Ø 6,0 mm	30 pcs	
577107	Temporary fastener Ø 6,35 mm	20 pcs	
577110	Temporary fastener Ø 8,0 mm	20 pcs	
582001	Dolly planishing set WS 93 compl. Set		
581001	Block for Dolly planishing set		
581002	Conical bar for Dolly planishing set		
581003	Universal cube for Dolly planishing set		
581004	Profile wedge for Dolly planishing set		
581101	Molding wedge white	N° 1	
581102	Molding wedge extra wide	N° 2	
581103	Molding wedge white with felt	N° 3	
581104	Molding wedge gray	N° 4	
581105	Molding wedge black	N° 5	
581106	Molding wedge extra wide	N° 6	
581100	Set Molding wedges consisting of	N° 1 - N° 5	
581110	Set of scrapers / molding wedges		
561029	Clip-zip tool for door covering		

Article Group 5

Punch and Swaging Pliers

Article N°	Description	
561001	Punch and swaging pliers Ø 5 mm manual	
561005	Swaging pliers flat shape	
561002	Pliers for oval punches 6 x 20 mm max. 1,5 mm sheets	
561090	Pneum. Punch and swaging pliers Ø 5mm	
561091	Pneum. Punch and swaging pliers Ø 6mm	
<i>Spare parts</i>		
564001	Piston for pneum. punch and swaging pliers	
564003	Punch for 6mm pneum. punch and swaging pliers	
561021	Manual punch Ø 5mm	
561022	Manual punch Ø 6mm	
561023	Swaging pliers, manual	
<i>Spare parts</i>		
564007	Punch Ø 5 mm for manual punching pliers	
564008	Punch Ø 6 mm for manual punching pliers	
564009	Matrix Ø 5 mm for manual punching pliers	
564010	Matrix Ø 6 mm for manual punching pliers	
564011	Bearing bolt for manual punch	
564012	Spare spring for manual punch	
564013	Allen screw M 3x3 for manual punching pliers	
564014	Allen screw M 4x4 for manual punching pliers	
564016	Distance collar Ø 5 / 6 mm for manual punch	
561025	Chain-tube cutter for tubes Ø 15 - 75 mm	

Item N°	Description	
601001	Vario Drill WS 90 with Variomatic spot weld remover <i>Treatment area: 95 x 35 mm</i>	
601009	Vario Drill WS 90 with Jumbomatic spot weld remover <i>Treatment area 140 x 85 mm</i>	
602001	Vario Drill WS 90 without Variomatic	
Accessories		
608020	Variomatic, WS 90 <i>Treatment area: 95 x 35 mm</i>	
608018	Jumbomatic, WS 90 <i>Treatment area 140 x 85 mm</i>	
608019	Jumbomatic, Daimler Version <i>Treatment area: 145 x 85 mm</i>	
608001	Centering support for VarioDrill WS90, V1 for rivets - with hard metal drill bit Ø 6,7x49mm <i>Art N° 627010 (attend page 54)</i>	
608002	Centering support for VarioDrill WS90, V2 for rivets - with hard metal drill bit Ø 6,7x49mm <i>Art N° 627010 (attend page 54)</i>	
194000	Pressure reducing valve reduces the incoming air pressure to max . 7bar	
637103	Mini oiler 1/4" for air tools	

Item N°	Description	Quantity	Image
607001	Drill bit VAPO Ø 6 x 44 mm 2-cutting edges		
607023	Drill bit TiCn Ø 8 x 44 mm 2-cutting edges		
607021	Drill bit VD 90 Ø 9 x 44 mm 2-cutting edges		
607011	Drill bit TIN-GOLD Ø 8 x 44 mm 2-cutting edges		
620200	Drill bit VARIANTIC Ø 8 x 44 mm, 3-cutting edges		
620205	Drill bit VARIANTIC Set Ø 8 x 44 mm, 3-cutting edges	5 pcs.	
620206	Drill bit VARIANTIC Ø 10 mm, 3-cutting edges		
620000	Drill bit BTR / BOR Ø 6 x 44 mm, 3-cutting edges		
620001	Drill bit BTR / BOR Ø 8 x 44 mm, 3-cutting edges		
620002	BTR / BOR drill bit set Ø 8 x 44 mm, 3-cutting edges	3 pcs.	
620005	Drill bit BTR / BOR Ø 9 x 44 mm, 3-cutting edges		
620006	Drill bit BTR / BOR Ø 10 x 44 mm, 3-cutting edges		
627020	Hard metal drill bit Ø 8 x 44 mm, 4-cutting edges		
627021	Hard metal drill bit Ø 9 x 44 mm, 4-cutting edges		
627022	Hard metal drill bit Ø 10 x 44 mm, 4-cutting edges		
620116	BTR / BOR drill bit set 7 pcs. consisting of: 2 x drill bit Ø 6,0 x 44mm 2 x drill bit Ø 8,0 x 44mm 2 x drill bit Ø 10,0 x 44mm 1 x centre punch		



Item N°	Description		
622003	BOR / BTR / Variantic Starter - Kit consisting of: 3 x Variantic drill bits, 3-cutting edges, Ø 8 mm 1 x BTR / BOR drill bit, 3-cutting edges, Ø 8 mm 1 x BTR / BOR chisel (centering help) 1 x BTR / BOR Fluid 125 ml, cutting oil for drill bit		
608012	Extension VD 305 for Vario Drill WS90 length 305 mm		
648007	BTR / BOR Fluid	50 ml	
	cutting oil for drill bit		
628000	BTR / BOR Fluid	125 ml	
	cutting oil for drill bit		
	Special oil - silicone free, reduces the friction during the cutting process - increases the life time of the drill bits		
628006	W+S special centering punch with two functions for rivets		
628005	UHSS-centering support 70 mm Ø 8 mm		
932521	Automatic centering punch		
628007	Center punch Cr.V Extra	5x120 mm	
Drill bits for spot weld removal			
617011	Drill bit VAPO Ø 8 mm		
617014	Drill bit TIN Ø 8 mm	length 80 mm	
617021	Drill bit VAPO Ø 10 mm	length 85 mm	
607101	Special cap miller 14 mm incl. 3 pcs. special caps		
607110	Replacement cap - type N		
608010	Extension for Vario Drill drill bits	length 135 mm	
608011	Extension for Vario Drill drill bits	length 85 mm	

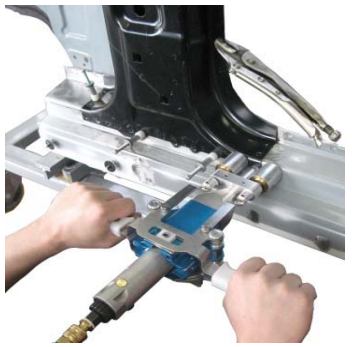

Item N°	Description	
611122	Drilling machine GTC-041B <i>pneum.</i> left/right running	
611005	Drill Professional RPM 1800, Weight 900g Length 195mm	
TIN drill bits with 2 cutting edges		
617220	Special drill bit TIN for rivets	Ø 4,1mm
617221	Special drill bit TIN for rivets	Ø 4,2mm
617222	Special drill bit TIN for rivets	Ø 5,1mm
617226	Special drill bit TIN for rivets	Ø 6,1mm
617227	Special drill bit TIN for rivets	Ø 6,5mm
617228	Special drill bit TIN for rivets	Ø 6,7mm
BTR / BOR Bohrer 3 cutting edges		
620010	BTR / BOR drill bit 3-edges	Ø 3,0mm
620011	BTR / BOR drill bit 3-edges	Ø 3,2mm
620012	BTR / BOR drill bit 3-edges	Ø 3,5mm
620014	BTR / BOR drill bit 3-edges	Ø 4,0mm
620015	BTR / BOR drill bit 3-edges	Ø 4,2mm
620017	BTR / BOR drill bit 3-edges	Ø 4,8mm
620018	BTR / BOR drill bit 3-edges	Ø 5,0mm
620022	BTR / BOR drill bit 3-edges	Ø 6,0mm
620024	BTR / BOR drill bit 3-edges	Ø 6,5mm
620040	BTR / BOR drill bit SPECIAL	Ø 6,7mm
620026	BTR / BOR drill bit 3-edges	Ø7,0 mm
620028	BTR / BOR drill bit 3-edges	Ø7,5 mm
620030	BTR / BOR drill bit 3-edges	Ø8,0 mm
627010	Hard metal drill bit 3-edges, piston 8 mm	Ø 6,7 x 49 mm
627005	Hard metal drill bit 3-edges, piston 8 mm	Ø 5,0 x 49 mm
627001	W+S Drill Bit NK-2F 2-level drill bit for rivets	Ø 6,7 x 44mm
617240	Countersink 120° with pilot ZT33	
617241	Countersink unit 100° with pilot 6,6 mm	
617243	Spare part countersink 100°	
617244	Spare part countersink 120°	
617245	Pilot 4,0mm (spare part) for countersink 120°	
617246	Pilot 6,3mm (spare part) for countersink 120°	
617247	Spare pilot 6,6 mm for countersunk 100°	
617300	Sheet peeling drill bits (set) size 1, 2 and 3 + lubricant	
637004	Drill bit set 1,0-10,0/0,5 grade	



Article Group 6

Drilling Machine BWZ 100

Item N°	Description
611110	Drilling machine BWZ 100, pneumatic including one drill bit 620050, 50 ml BTR fluid, allen key, transport case and manual

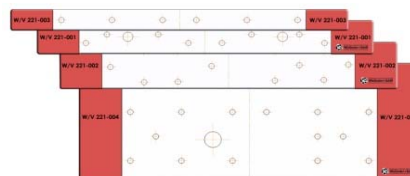
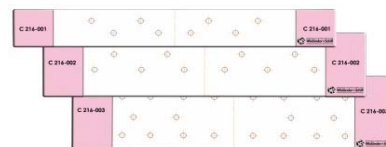
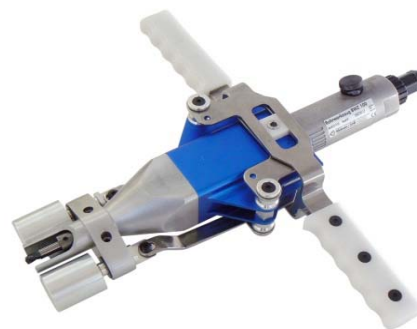











Consumables and accessories








620050	Special drill bit for BWZ 100 Ø 6,7 mm; 48/11 mm	3 pcs.
628005	UHSS-centering support	
932521	Automatic centering punch	
577107	Temporary fastener Ø 6,35 mm	VE 20 St.
628000	BTR / BOR Fluid cutting oil silicone free cutting oil, reduces the friction during cutting process - increases the life time of the drill bits Lebensdauer des Werkzeuges.	VE 125 ml
194000	Pressure reducing valve reduces the incoming air pressure to max . 7 bar	
637103	Mini oiler für neumatic tools, 1/4"	

Special accessory

932410	Set of patterns for BWZ 100 (MB Typ C216 + W/V221)
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Item N°	Description	
640000	Laser-Cutter LC 04, compl. with case including: 1 x 631003 grinder (yellow) 1 x 640005 Shaft 0,8 mm for 25mm cutting wheel 1 x 640010 Shaft 1,0 mm for 25mm cutting wheel 1 x 640025 Cutting wheel 25 x 4 mm 1 x 648010 clamp ring (aluminium) 1 x 648007 cutting oil 50 ml	
637117	Side milling cutter AluCut 40 x 4,4 mm consisting of: 2 x 637111 side milling AluCut 1 x 637112 shaft AluCut Ø 6 mm	
Accessories		
640005	Shaft for cutting depth 0,8mm for 25mm cutting wheel	
640010	Shaft for cutting depth 1,0mm for 25mm cutting wheel	
640015	Shaft for cutting depth 0,8 mm for 40mm cutting wheel	
640020	Shaft for cutting depth 1,0mm for 40mm cutting wheel	
640025	Hard metal cutting wheel No 1 Ø 25 x 4 mm	
640030	Hard metal cutting wheel No 2 Ø 40 x 4 mm	
648007	BTR / BOR Fluid - cutting fluid VE 50 ml	
628000	BTR / BOR Fluid - cutting fluid VE 125 ml silicon free cutting oil, reduces the friction during cutting process - increases the life time of the drill bits	
648000	Protective cover for 25mm cutting wheel	
648005	Protective cover for 40mm cutting wheel	
648015	Guide clamp for LC04	
642000	Accessory set 40er for Laser-Cutter LC 04 including: 1 x Shaft cutting depth 0,8 mm / 40mm cutting wheel 1 x Shaft cutting depth 1,0 mm / 40mm cutting wheel 1 x Cutting wheel VHM Ø 40 x 4 mm 1 x protective cover for 40mm cutting wheel	

Article N°	Description	
611101	Spotle II TH-902 Spot weld remover	
620130	BTR / BOR drill bit Ø 8 x 39 mm 3-cutting edges	
617111	HSS Drill bit Ø 8 x 40 mm	
		Axial grinder
611126	Angle grinder GTC-986 A2.0 <i>pneum.</i> RPM 20.000 Power 190 W Weight 1 kg	
631003	Angle die grinder (basis LC04) <i>pneum.</i> Weight 1 kg	
631002	Axial grinder PK 3132 <i>pneum.</i> RPM 20.000	
637020	Disc holder for cutting discs 6,6 / 1-4mm	
637021	Cutting disc Ø 30mm 1,1 / 6mm	50 pcs.
637022	Cutting disc Ø 50mm 1,1 / 6mm	50 pcs.
637023	Cutting disc Ø 50mm 2,1 / 6mm	50 pcs.
637025	Set cutting discs and disc holder including. 1 x disc holder 10 x cutting disc 30 mm 10 x cutting disc 50 mm	

Article Group 6

Hard metal grinder

Item N°	Description	
637001	Hard metal grinder conical small	
637003	Hard metal grinder conical large	
637002	Hard metal grinder round small	
637010	Miller cylinder for Aluminium	
637011	Miller round TCD for Aluminium	
637012	Miller conical TCK for Aluminium	
		Grinding disc
617080	Grinding disc CSD	
618011	Mounting unit for grinding disc CSD	
612010	Set of grinding discs CSD 2 x CSD-discs + mounting unit	
617082	Grinding disc HP-CSD	
618013	Adapter for grinding disc HP-CSD	
631030	Air Rubber AR 06 pneum. incl. 1 x rubber disc Ø 87 mm	
637050	Rubber disc for Air Rubber AR 06 Ø 87 mm	







Article Group 6

Grinding and Polishing

Item N°	Description		
637055	Grinding and cutting kit Ø 50 mm 15 pcs		
637056	Grinding and cutting kit Ø 115 mm 15 pcs		
667017	Set of grinding discs for rotation grinder consisting of: 25 x P36, 25 x P50, 25 x P80, 50 x P120		
667018	Grinding discs P36, Ø 115mm	25 pcs.	
667019	Grinding discs P50, Ø 115mm	25 pcs.	
667020	Grinding discs P80, Ø 115mm	25 pcs.	
667021	Grinding discs P120 Ø 115mm	50 pcs.	
671001	Belt grinder, pneumatic		
677002	Grinding Belts P40	10 pcs.	
677003	Grinding Belts P60	10 pcs.	
677001	Schleifbänder Korn 80	10 pcs.	
661005	Grinding Pad, flexibel for profiles		
611121	Disc grinder GTC-412S pneum. RPM 4.500 Power 520 W Weight 2 kg Grinding disc Ø 178 mm		
611125	Angle grinder FX-8125 LA pneum. RPM 9.500 Power 745 W Weight 1,8 kg		
932464	Safety vacuum cleaner class B1 / 230V with connection for Rotation grinder RAS 115.04E		






Article Group 6

Air Tools

Item N°	Description		
637037	Grinding disc for aluminium	10 pcs	
637036	Grinding disc for aluminium	25 pcs	
611124	Pistol die grinder S 317 5" pneum. RPM 16.000 Power 300 W Weight 1,2 kg		
637039	Supporting disc for sanding disc M14, Ø 115 mm		
637038	Sanding disc - grain 60	25 pcs	
637060	Ceramics sanding disc grain 60, Ø 50 mm	25 pcs	
637061	Ceramics sanding disc grain 80, Ø 50 mm	25 pcs	
637062	Ceramics sanding disc grain 120, Ø 50 mm	25 pcs	

Accessories

697001	PDL-Liquid 200 ml	9 pcs	
698001	Special lubrication oil	1000 ml	
697002	Brass coupling 9 mm		
697003	Air nipple 1/4"		
698007	Air reducer 1/4" IG - thread		
637103	Mini oiler 1/4" for air tools		
194000	Pressure reducing valve max. 7 bar		

Item N°	Description	
700000	<p>XPress 800 Basic Set Pneumatic-hydraulic system for riveting and pressing out self-piercing rivets item supplied: Power Pack unit, cylinder SSC35/25, C-arm GC 80/40 Tool Box RS-03, transportation case, manual</p>	
700001	<p>XPress 800 Standard set incl. 3 C-arms Pneumatic-hydraulic system for riveting and pressing out self-piercing rivets item supplied: Power Pack unit, cylinder SSC35/25, C-arm GC 80/40 C-arm GC 80/120, C-arm GC 140/240 incl. extension 93 mm Tool Box RS-03, transportation case, manual</p>	
700002	<p>XPress 800 Full Set Pneumatic-hydraulic system for riveting and pressing out self-piercing rivets item supplied: Power Pack unit, cylinder SSC35/25, C-arm GC 80/40 C-arm GC 80/120, C-arm GC 140/240 incl. extension 93 mm Tool Box RS-03, Tool Box RS-04 Blind rivet adapter BR 20, BR50 and BRN 50 transportation case, manual</p>	
700334	<p>Service Kit Oil refill device consisting of: 700933 1 x Special oil pump (250ml) 700932 1 x connector 700582 1 x adapter 700934 1 x hose 6x4 mm 700935 1 x hose 8x5 mm 700102 1 x Hydraulic oil HLP22 / 250ml</p>	
700010	<p>XPress Trolley body shop trolley for tool systems XPress 800 and FlexiTherm</p>	

Item N°	Description	
700003	<p>XPress 800 Push Pull MB 1 Unique riveting tool with pullback cylinder Clamping force 90 tons item supplied: Power Pack, Pullback Cylinder PP 90, C-arm GC 80/40 Tool Box RS-07, Carrying Case, User's guide</p>	
700004	<p>Push Pull Upgrade Kit for XPress 800 riveting tool item supplied: PushPull cylinder Tool Box RS-07 User's guide</p>	
700006	<p>XPress 800 Push Pull MB 2 Unique riveting tool with pullback cylinder Clamping force 90 tons item supplied: Power Pack, PushPull cylinder, C-arm GC 80/40 C-arm GC 80/120, C-arm GC 140/240 Tool Box RS-07, Carrying Case, User's guide</p>	
700005	<p>XPress 800 Push Pull MB 3 Unique riveting tool with pullback cylinder Clamping force 90 tons item supplied: Power Pack, PushPull cylinder, Blind rivet adapter BR20 Blind rivet adapter BR50, Blind rivet nut adapter BRN50 C-arm GC 80/40, C-arm GC 80/120, C-arm GC 140/240 Extension 60 + 93 mm, Tool Box RS-07, Tool Box RS-04, Carrying Case, User's guide</p>	
700080	<p>Rivet clamp set item supplied: C-arm GC 80/120 C-arm GC 140/240 Extension 93 mm Extension 60 mm Carrying Case</p>	

Item N°	Description	
700009	Push Pull add-on kit for self-piercing-rivets	
700050	XPress 800 Power Pack	
700105	PushPull cylinder	
700060	Cylinder SSC 35/25	
700070	C-arm GC 80/40	
700071	C-arm GC 80/120	
700072	C-arm GC 140/240 incl. Extension 60 mm and 93 mm	
700112	Pulling adapter BR80 universal	
700113	Extension BR80 incl. Mouthpiece 4,8 mm	



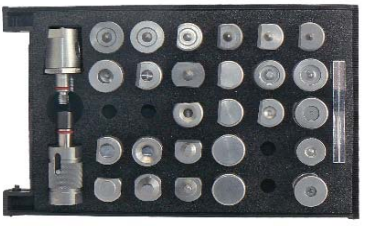







Item N°	Description	
700100	Blind rivet adapter BR 20 incl. rivet bits 17/32-17/36/17/40-17/45	
700101	Blind rivet adapter BR 50 incl. rivet bits - 6 pcs. 17/32-17/36/17/40-17/45 4,8B and 4,5B	
700150	Extention for BR50 - 100 mm	
700151	Extention for BR50 - 150 mm	
700204	Tool Box rivet bits - 4pieces 1 x rivet bit 3,2A 1 x rivet bit 3,6A 1 x rivet bit 4,0A 1 x rivet bit 4,5A	
700522	Rivet bit 4,8B - for RIBE blind rivets	
700523	Rivet bit 4,5B - for RIBE blind rivets	
700524	Rivet bit 3,2C for blind rivets - application area: car roof rail	
700525	Rivet bit 3,6C for blind rivets - application area: car roof rail	
700532	Rivet bit 3-AL	
700110	Blind rivet nuts adapter BRN 50	
700111	Set - Blind rivet nuts adapter BRN 50 incl. Tool-Box RS-04	
700120	Tension bolt for riveting screws M6 M6 - metric thread	
700121	Tension bolt for riveting screws 6 mm Self-Lock-Thread 6 mm	
700120	Tension bolt for riveting screws M6 M6 - metric thread	
700121	Tension bolt for riveting screws 6 mm Self-Lock-Thread 6 mm	



Group 7











Tool Boxes

Item N°	Description		
700200	Tool Box RS-03 9-pieces set	BMW	
700201	Tool Box RS-04 Tension bolts for blind rivet screw nuts M4, M5, M6, M8, M10 and M12	AUDI	
700202	Tool Box RS-05 Set 29-pieces	JLR	
700203	Tool Box RS-06 Set 11-pieces	MB	
700205	Tool Box RS-07 Set 26-pieces	Tesla	
700206	Tool Box RS-8 15-teilig	Ford	
700207	Tool Box RS-09 Set 15-pieces	GM	
700206	Tool Box RS-8 Set 15-pieces		

Item N°	Description	
777281	RivBox - Rivets Assortment item supplied:	
	Punch rivet 3,3 x 3,5 mm	100 pcs.
	Punch rivet 3,3 x 4 mm	100 pcs.
	Punch rivet 5,3 x 4 mm	200 pcs.
	Punch rivet 5,3 x 5 mm	100 pcs.
	Punch rivet 5,3 x 6 mm	100 pcs.
	Blind rivet BMW 6,5 x 14 mm	20 pcs.
	Blind rivet BMW 6,5 x 16 mm	20 pcs.
	Blind rivet ALU 5 x 6 mm	40 pcs.
	Blind rivet ALU 6 x 8 mm	25 pcs.
	RIBE blind rivet 6,5 x 12,5 mm	10 pcs.
	Flow form rivet ALU 5,6 x 8,1 A1	10 pcs.
	Flow form rivet ALU 5,6 x 9,3 A2	10 pcs.
	Flow form rivet ALU 5,6 x 10,6 A3	10 pcs.
	Flow form rivet ST 5,6 x 8,1 S1	10 pcs.
	Flow form rivet ST 5,6 x 9,3 S2	10 pcs.
	Flow form rivet ST 5,6 x 10,6 S3	25 pcs.
	Blind rivet screw nut ST M6 x 9 x 15,5	25 pcs.
	Blind rivet screw nut ST M8 x 11 x 17	25 pcs.
	Blind rivet screw nut ST M10x12x17,5	
	1 x W+S special center puncher 2F (for rivets)	
881031	Face Protect SHIELD	
777218	Punch rivets 3,3 x 3,5 mm	100 pcs
777200	Punch rivets 3,3 x 4,0 mm	100 pcs
777225	Punch rivets 3,3 x 5,0 mm	100 pcs
777222	Punch rivets 3,3 x 6,0 mm	100 pcs
777202	Punch rivets 5,3 x 4,0 mm	200 pcs
777219	Punch rivets 5,3 x 5,0 mm	100 pcs
777221	Punch rivets 5,3 x 6,0 mm	100 pcs
777224	Punch rivets 5,3 x 6,5 mm	100 pcs
777226	Punch rivets 5,3 x 7,0 mm	100 pcs
777223	Punch rivets 5,3 x 7,5 mm	100 pcs
777201	Punch rivets 5,3 x 8,0 mm	100 pcs
777227	Blind rivet ALU 4 x 6 mm	40 pcs
777228	Blind rivet ALU 5 x 6 mm	40 pcs
777229	Blind rivet ALU 6 x 8 mm	40 pcs
777230	Blind rivet RIBE 6,5 x 12,5 mm	25 pcs
777215	Blind rivet AUDI 6,5 x 15 mm	10 pcs
777216	Blind rivet BMW 6,5 x 14 mm	10 pcs
777217	Blind rivet BMW 6,5 x 16 mm	10 pcs
777246	Riveting screw SelfLock 6mm	VE 10 St.
777247	Riveting screw Metric M6	VE 10 St.
777203	Blind rivet screw nut ST M4 6x11 mm	25 pcs
777204	Blind rivet screw nut ST M5 7x11,5mm	25 pcs
777205	Blind rivet screw nut ST M6 9x15,5mm	25 pcs
777206	Blind rivet screw nut ST M8 x11x17	10 pcs
777207	Blind rivet screw nut ST M10 x12x17,5	10 pcs
777208	Blind rivet screw nut ST M12 x15,9x23	5 pcs












Item N°	Description	
701000	FlexiTherm cpl. With carrying case Multi-HeatingPad-System item supplied: 1 x Control Unit 230/220V, 3 x Heating pads, 20 x fixing magnets 10 x Non adhesion paper, 1 x Adhesive tape (25 m) 1 x CD-ROM Control-Software 1 x USB cable hi-speed 5 m 1 x Carrying case, 1 manual	
701050	Non adhesion paper	50 pcs
701055	Fixing Magnets	10 pcs
701051	FlexiTherm FIX-Tape	25 m
701052	FlexiTherm FIX-Tape	50 m
542040	CBR 2109 filler for Alu and steel 200 ml incl. 3 mixing tubes	
542070	Starter-Kit FlexiTherm item supplied: 1 x Tin-solder replacement TEROKAL 5010 TR; 175 ml 1 x Autobody glue TEROKAL 5055; 250 ml 6 x Mixing tube for Terokal 5010 and 5055	
701060	FlexiTherm - heating pad	

Item N°	Description	
801201	Hot air dryer Leister ST 230V 3400 W	
		Gas Burner
802001	<p>Propan torch gun complete consisting of:</p> <ul style="list-style-type: none"> 1 x wooden case 720103 1 x burner handle 808001 1 x torch 9 mm 808003 1 x Zyclon torch 18 mm 808005 1 x torch 808004 1 x gas bottle 808020 1 x quick release coupling 700001 1 x hook 884104 1 x filling connector 808027 1 x valve small 2 bar 7 kg DIN/Kombi 808022 1 x valve large 808023 1 x hose 2 m 4,4 mm 770021 	
802100	<p>Power Jet complete consisting of:</p> <ul style="list-style-type: none"> 1 x 801100 Power Jet with Zyklon torch 1 x 808020 Gas bottle 1 x 808027 refill adapter 	
801100	Power Jet with Zyklon-torch with Piezo igniter	
808100	Zyklon torch for Power Jet	
808001	Burner handle with Piezo igniter	
808003	Burner S bented (pointed flame)	
808004	Burner S bented (hot air)	
808005	Burner S bented (cyclone)	

Article Group 8

Accessories Gas Burner

Item N°	Description	
808020	Gas bottle 1000 ml	
808021	Connection valve for gas bottle	
808022	Regulator small for bruner	
808023	Regulator large for burner	
808028	Protector for hose 2 bar	
808027	Filling connector for gas bottle	
808025	HD-Gas hose 3,0 m	
		Tinning
812005	<p>W+S tinning kit consisting of: 1 x 801100 Power Jet with cyklon torch 1 x 808020 Gas bottle (empty for Propan or Butan) 1 x 808027 Filling connector 1 x 811002 Tin work handle round, oiled 1 x 811003 Tin work handle small, oiled 1 x 811004 Tin work handle large, oiled 1 x 817003 tin paste Sn97Cu3, 1kg 1 x 817010 Pewter bar 25% tin, 1 kg</p>	
817010	<p>Pewter bars 25% tin</p> <p style="text-align: right;">1 kg <i>price on application</i></p>	


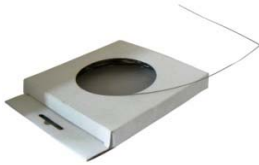





Article Group 8





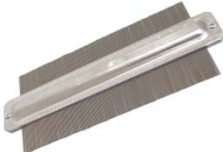
Tinning and Alu Filler

Item N°	Description		
812010	Basis kit "lead free tinning" <i>price on application</i> containing: 2 x 817009 5 kg lead free tinning A604KA 1 x 817002 1 kg lead free tinning paste AP 644/12 1 x 817020 tinning wax 1 x 811002 tinning wood oiled, round 1 x 811003 tinning wood oiled, thin 1 x 811004 tinning wood oiled, broad		
817009	Lead free tinning A 604 KA	5 kg	<i>price on application</i>
812001	Tinning woods kit of 3 pieces		
811002	Tinning wood oiled, round		
811003	Tinning wood oiled, slender		
811004	Tinning wood oiled, broad		
817003	Tinning paste Sn97Cu3 Lead free suitable for leaded tin-solder	1 kg	
817002	Lead free tinning paste AP 644/12	1 kg	
817020	Tinning wax	1,3 kg	
542050	W+S 2C Aluminium filler 2-Components		
542051	Aluminium powder (for W+S 2C)	1 kg	
542052	Hardener liquid (for W+S 2C)	350g	

Item N°	Description	
831100	Cartridge pistol MR 50 for Betamade 2096 50 ml	
831101	Cartridge pistol EPX	
838115	Mixing nozzle EPX for 50 ml cartridges	
831106	Cartridge pistol VBM (MR) 200 for Betamade 2096, 200/215 ml	
831103	Cartridge pistol pneumatic Air Flow	
831105	Battery cartridge pistol ElectraFlow 230V incl. Accu-recharger	
831107	Poweraccu 12 V for Electra Flow	
831108	Accu-recharger for Electra Flow	









Item N°	Description		
842010	<p><i>Roll Out 2000 (Version 2004)</i> Car window removing system cpl.</p> <p><i>Notice:</i> <i>Please ask for our special Roll Out - catalogue</i> <i>which includes the whole delivery programme!</i></p>		
Accessories			
848023	<p>Roll Out suction holder Ø 150mm Carrying capacity 45 kg</p>	1 pair	
848066	Power Slide RO 2630		
848016	Applicators 130mm, non-fuzzing	100 pcs	
848059	<p>Roll Out scraper set 12, 16 and 20 mm scraper blades</p>		
848011	Replacement blade 12 mm	10 pcs.	
848012	Replacement blade 16 mm	10 pcs.	
848013	Replacement blade 20 mm	10 pcs.	
842015	Cutting wire Ø 0,75 mm	1500 m	
848006	Unroll device for cutting wire		
842011	Cord twine 7,0m - Roll Out 2000		
848074	<p>Ersatzgummi Ø120 mm,kpl. neue Ausführung Drehhebel</p>	Ø 120 mm	
848075	<p>Ersatzgummi kpl. neue Ausführung Drehhebel</p>	Ø 150 mm	

Item N°	Description		
842001	Wire kit for windscreen removal		
841001	Cutting wire squared profile	50 m	
841004	Cutting wire squared profile A2	50 m	
848001	Wire feeding chisel		
547032	Fix-Cut 1 Set, scrapers for car window repair Item supplied: 2 x handles 2 x scrapers 25 mm, 2 x scrapers 20 mm, 1 x grindstone		
			Suction holder
841020	Suction holder with 2 cups		
848045	Spare rubber cups Ø 120 mm		
841021	Alu suction holder with 1 cup		

Item N°	Description		
871001	Auto-Messfix measuring stick 920-2600 mm		
871002	Auto-Messfix measuring stick 415-935 mm		
871004	Auto-Messfix measuring stick 950-3200 mm		
871006	Auto-Messfix measuring stick 990 - 4000 mm		
Accessories Automessfix			
871007	Wooden case for Automessfix (up to 3200mm)		
871008	Witness for Messfix		
874020	Tip short straight		
874021	Tip short angular		
874024	Fixing screw for Messfix		
874026	Measuring tool long Audi/VW		
874027	Holder measuring tool Audi/VW		
871011	Gap-gauges set	3 pcs.	
861020	Profile gauge 1m complete length of the pins: 85 mm measuring depth: 50 mm		
861001	Profile gauge plastic 25 cm measuring depth 45 mm length of the needles 105 mm		
861002	Profile gauge metal 15 cm length of the pins: 85 mm		

Article Group 8

Assembling Devices

Item N°	Description	Image
881350	Assembly help for outside rear mirror	
881330	Plier for steel band clamps	
881320	Flexible magnetic stick	
881355	W+S WIPER Tool-Kit 2 pieces for remove wind screen wipers	
881310	Edge-trimming tool set for 3 applications	
511302	Universal door hinge straightener 570 mm long, weight 3,5 kg	
561025	Chain-tube cutter for tubes Ø 15 - 75 mm	
881321	Assembly pliers ZMS-PK-3/4 for assembling flexible sleeves	

Article Group 8

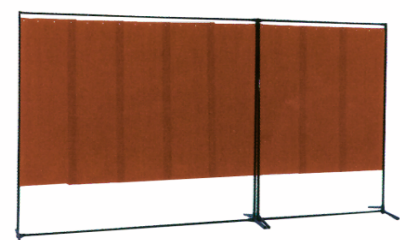
Fix Magnets





Item N°	Description	
882055	Fix magnets, set of 4 pieces	
<i>Spare parts</i>		
881340	Magnet for Fix magnet	
881341	Handle for Fix magnet	
882057	Fixation clip, set of 3 pieces	
881345	Fixation clip flat	h 30 mm
881346	Fixation clip flat	h 50 mm
881347	Fixation clip deep	h 50 mm



Protection Blankets

881001	Grinding protection blanket	3000 x 2500mm
881002	Grinding protection blanket	2500 x 1250mm
881003	Grinding protection blanket	2000 x 1500mm
881004	Grinding protection blanket	1000 x 1000mm
881005	Grinding protection for door	1000 x 1250mm
881011	Welding protection blanket	1000 x 1000mm
882001	Protection blankets, set consisting of Grinding protection 2500 x 1250 Grinding protection 2000 x 1500 Welding protection 1000 x 1000	
881220	Mobile weld protection curtains stand length 1,85 m	



Item N°	Description		
881047	Welding helmet WS07		
884042	Front protector glas for WS07		
884043	Inside protector glas for WS07		
884047	Button cell for WS07		
<i>Spare Parts for Translight ECO and Turbo Max welding helmet</i>			
884040	Filter cassettes for Translight ECO		
884041	Protection glas for Translight ECO (spare part)	10 pcs.	
884046	Protection glas for Speedglas helmet	10 pcs.	
884050	Athermal glasses A 11 DIN 90 x 110 mm	10 pcs.	
884051	Attachment glasses DIN+CE 90 x 110 mm	10 pcs.	
881034	Face and ear protector G500		
884034	Replacement visor for G500		
<i>Spare parts for face and ear protector type V40FH510A</i>			
884031	Replacement visor for 881030		
884032	Earmuffs for 881030		
884033	Spares:1 set hinges for helmet		
881031	Face protector ProtectSHIELD		
884035	Replacement visor for ProtectSHILD		
881036	Welding leather gloves		
			Automotive electronic
881510	Protector 12V for automotive electronic		
881307	LED body shop lamp 3+5 1.800 LUX, 2100 mAh, 3,7 V		
881308	Cree Pen Light 4000 pocket lamp with 110 Lumen		

Item N°	Description	
851000	Gojak 4500 max. 506 kg for wheels max. 500mm (21")	
851001	Gojak 5000 max. 550 kg for car wheels max. 230mm (13"-16")	
851002	Gojak 6200 right max. 705 kg	
851003	Gojak 6200 left max. 705 kg for car wheels max. 320mm (13"-19")	
851010	Transport trolley for 4 Gojak <i>(item supplied without Gojaks)</i>	
		Racks Systems
881104	Ultrarack Paint rack with 7 adjustable positions for doors, boot lid and bonnets (hoods)	
881103	Superstand Paint rack with 5 adjustable positions for bumpers, spoilers, front and rear valance	
881105	X-Stand Rack to put down and taxi of bumpers, spoilers, front and rear valance and car glass	
881100	Body shop manager	
881106	Mega Stand Just-in-time parts deposits rack	
881107	Bumber Stand Mobile deposit system for bumpers (max. 8 pcs.)	

Item N°	Description
881200	Trolley 1000 x 620 x 860 mm Weight 125 kg 1000x620x860 mm
881201	Trolley 1000 x 620 x 890 mm Weight 100 kg 1000x620x890 mm
881202	Trolley 700 x 520 x 770 mm Weight 50 kg 700x520x770 mm
700010	Trolley for XPress 800 Weight 100 kg
881205	Tool trolley with top piece 1250x700x1290 mm Weight 192 kg



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