



PROFESSIONAL **WORKBAY SYSTEMS** FOR BODY SHOPS



Wieländer+Schill
Professionelle Karosserie-Spezialwerkzeuge



WE ARE THE **FULL-SERVICE PROVIDER** IN THE FIELD OF BODY REPAIR

WELDING TECHNOLOGY

No matter whether MIG/MAG, TIG or spot welding - we have the right welding machine for your specific application.

SEPARATING TOOLS

Saws for all applications in the bodywork - from the universal body saw up to the model for highest demands for power and performance.

OCCUPATIONAL SAFETY

Your safety is close to our hearts. That is why you will find face, eye and ear protection and many other items.

STORAGE SYSTEMS

Mobile storage systems facilitate organisation and tidiness in the Body Shop Workbay.



RIVETING TECHNOLOGY

Our innovative riveting tools from the XSeries product family leave nothing to be desired.

DENT REMOVAL

Dent removal tools for the removal of dents, hail damage and minor damage complete our range.

PAINTING TECHNOLOGY

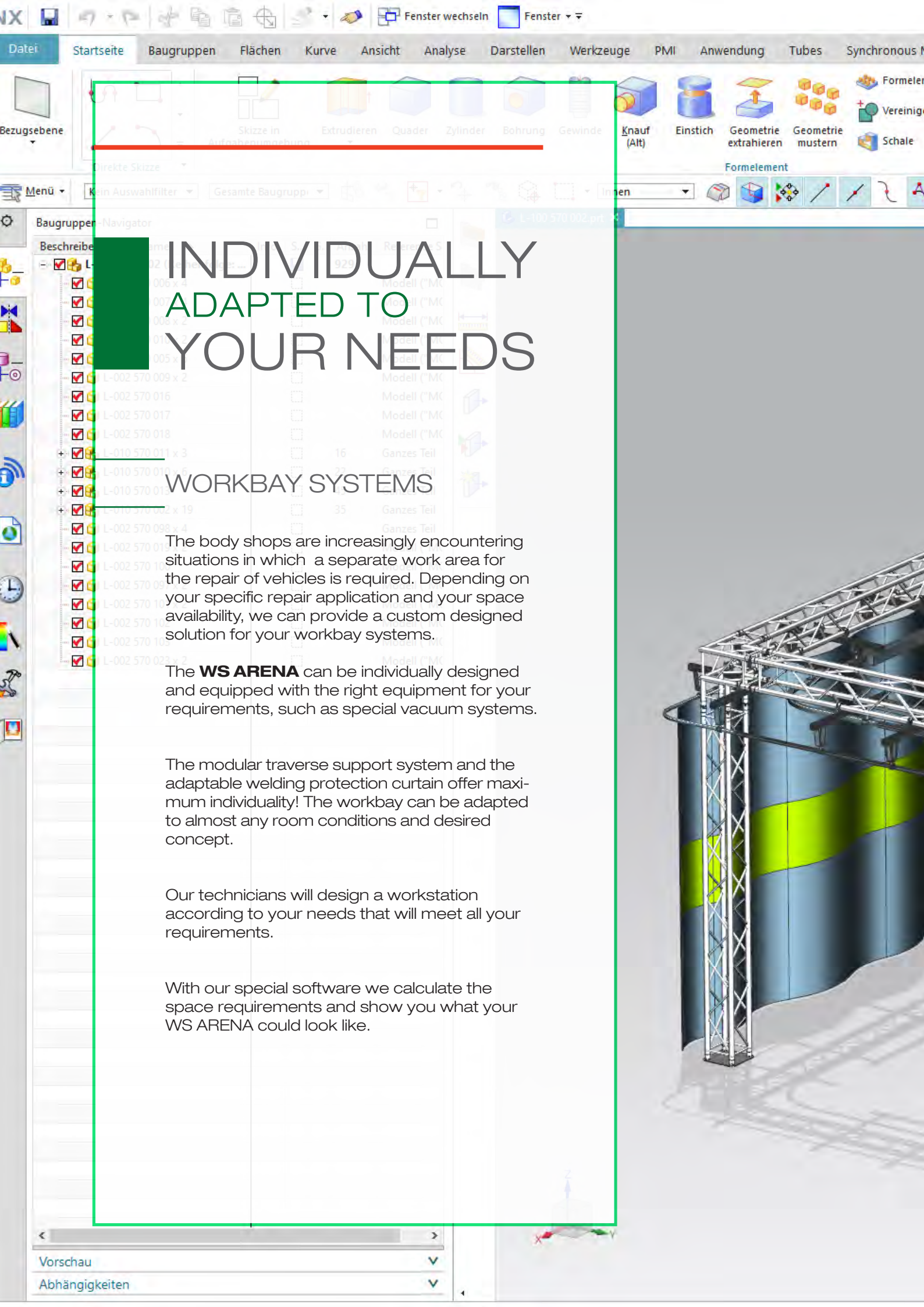
You will find what you are looking for - from the paint spray gun to the cleaning machine including environmentally friendly paint spray gun cleaner.

VACUUM SYSTEMS

The right vacuum system for grinding and welding work of all common materials can be found with us.

HANDTOOLS

For dent removal, putty filling, clinching or filing - the right tool for every work step.



INDIVIDUALLY ADAPTED TO YOUR NEEDS

WORKBAY SYSTEMS

The body shops are increasingly encountering situations in which a separate work area for the repair of vehicles is required. Depending on your specific repair application and your space availability, we can provide a custom designed solution for your workbay systems.

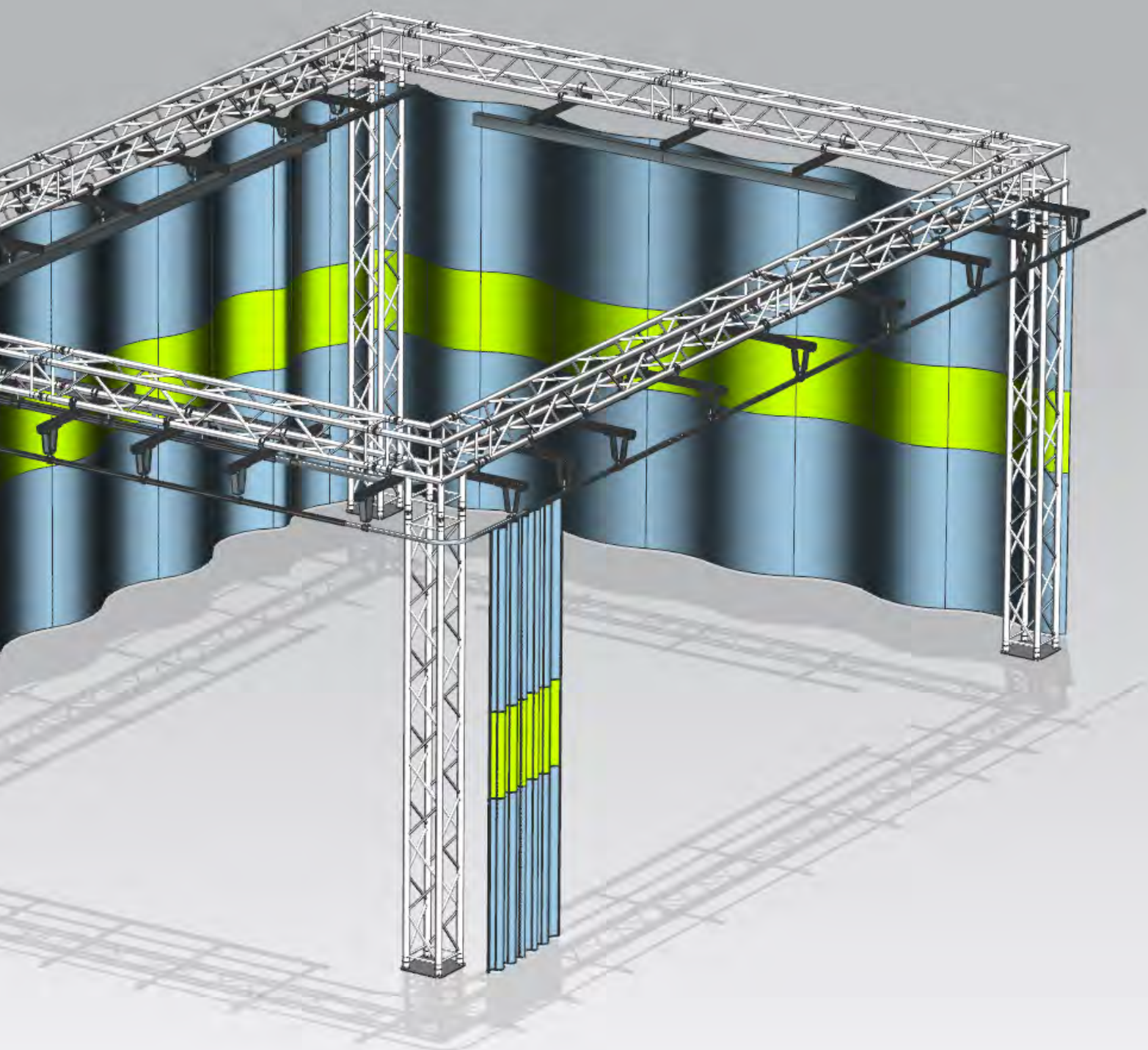
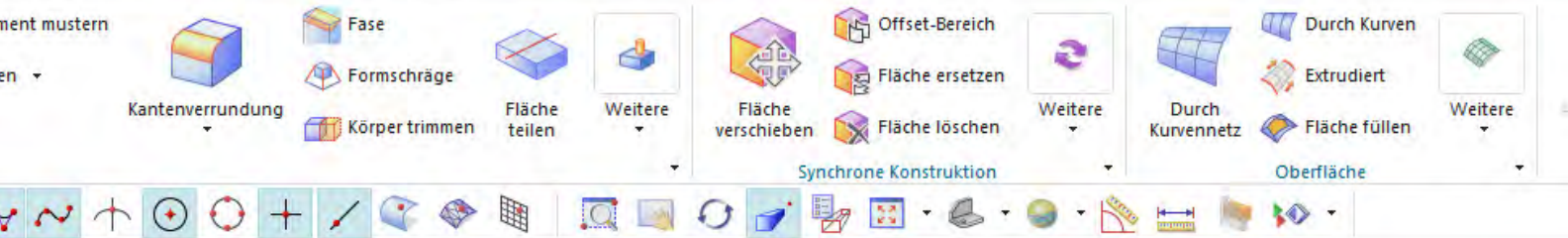
The **WS ARENA** can be individually designed and equipped with the right equipment for your requirements, such as special vacuum systems.

The modular traverse support system and the adaptable welding protection curtain offer maximum individuality! The workbay can be adapted to almost any room conditions and desired concept.

Our technicians will design a workstation according to your needs that will meet all your requirements.

With our special software we calculate the space requirements and show you what your WS ARENA could look like.





WHY CHOOSE US AS YOUR SOLUTIONS PROVIDER

ADVANTAGES

The welding area is separated from the surrounding area by a specially coated welding protection curtain. The integrated green horizontal strip serves as a visual screen, protecting people outside the workbay from UV radiation, spatters and electric arcs.

The curtain and an LED lighting system are mounted on a high-quality aluminium crossbeam system. The LED lighting system provides optimal lighting conditions and is also characterized by its high energy efficiency and robustness.

Depending on the version, there are either a mobile or two stationary media supply systems. The Mobile Media Supply has been specially designed for use with the workbay systems and offers practical features that ease your workflow and save valuable time.

It goes without saying that we can also supply you with the right vacuuming systems for your application areas, as well as mobile storage systems.

All components of the workbay are characterized by high quality, durability and modern design. In addition, the workbay can be individually adapted to any spatial conditions.

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



360° TOUR



BASIS

Workbay WS ARENA BASIS

Standard dimensions: 6 m × 8 m × 3.5 m

The WS ARENA BASIS is the basic version of the WS workbay systems. In addition to the high-quality aluminium truss support system, it includes energy-saving LED lighting and a special welding protection curtain. The difference between the WS ARENA PLUS and the WS ARENA BASIS is the associated media supply.

In the BASIS version, this consists of two stationary compressed air and power supplies with a robust rubber housing. Optionally, the WS ARENA can be equipped with accessories such as suitable industrial vacuum systems.

Detailed information on all components of the WS ARENA can be found on the following pages.

SCOPE OF DELIVERY

Item no. 881748

- 1 × Aluminium truss system with 4 supports (standard dimensions: 5.5 m × 7.5 m × 3.5 m)
- 1 × LED lighting system
- 2 × Welding protection curtain (standard dimensions: 12.10 m × 2.87 m)
- 2 × Stationary Media Supply

Note on scope of delivery:

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



PLUS

Workbay WS ARENA PLUS

Standard dimensions: 6 m × 8 m × 3.5 m

The WS ARENA PLUS is the premium version of the workbay systems and also includes the aluminium truss system, energy-saving LED lighting and a special welding protection curtain. It differs from the basic version by the Mobile Media Supply. The Mobile Media Supply was especially designed for the use in the workbays and offers several

practical features. These include drawers, storage cable and hose reels, power outlets, a telescopic arm mount, USB ports and much more!

Detailed information on all components of the WS ARENA can be found on the following pages.

SCOPE OF DELIVERY

Item no. 881749

- 1 × Aluminium truss system with 4 supports (standard dimensions: 5.5 m × 7.5 m × 3.5 m)
- 1 × LED lighting system
- 2 × Welding protection curtain (standard dimensions: 12.10 m × 2.87 m)
- 1 × Mobile Media Supply

Note on scope of delivery:

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

WELDING PROTECTION CURTAIN

The curtain is suitable for both grinding and welding work. People outside the workplace are protected from UV radiation, welding arcs and spatters.

HEAT PROTECTION AND INSULATION CURTAIN WITH SPECIAL COATING

Material:	glass fabric with one-sided Alufix coating
Material specification:	DIN 1259
Weight per unit area:	DIN EN 1212 7
Fire behaviour:	SeeBG / US Coastgard MED/3.18a + MED/3.13 IMO MSC.307(88)

INTEGRATED GREEN STRIP

Material :	Soft PVC DIN EN ISO 25980
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Note on the scope of delivery:

The length of the curtain may vary due to actual building condition. Order lengths are increased to next complete metre.

Standard dimensions:

Height:	2.87 m
Length:	12.10 m

SCOPE OF DELIVERY

Item no. 881733

- 1 x welding protection curtain
- excl. carabiner 50 mm (474800)
- excl. curtain rolls (881746)



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 60,000 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.

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

SCOPE OF DELIVERY

Item no. 881880

10 × LED unit incl. gear tray and accessories





COMPARISON OF BRIGHTNESS





MOBILE MEDIA SUPPLY

Delivery without tools, tablet and telescopic arm.

Developed specifically for the WS ARENA, the Mobile Media Supply offers many features that make your work easier and save you time.

Due to the built-in power and air supply, you can work on every side of the vehicle without the risk of tripping over cables and hoses. The integrated storage systems and a magnetic holder ensure you always have all the documents you need at hand. In

addition, the Mobile Media Supply offers a fixed and rubberized place for a tablet. The built-in holder for a telescopic arm makes welding conditions easier. By pressing the brake switch, the cart stays exactly where you need it.

You will not only work more efficiently, but also more safely!



EQUIPMENT FEATURES

Item no. 881797

- 1 × drawer with closing mechanism
- 1 × shelf niche
- 2 × cable reel | 15 m | 230 V
- 2 × hose reel | 14 m
- 2 × compressed air safety connection with push button
- 3 × socket | 230 V | CEE 7/3
- 1 × socket | 400 V | CEE 16 A
- 2 × USB charging connection
- 1 × media cart brake
- 1 × tablet holder
- 1 × magnetic holder with magnet
- 1 × holder for telescopic arm
- 1 × large storage surface
- 2 × handhold to move the trolley



STATIONARY MEDIA SUPPLY

The basic complete package!

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 WS Arena. 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

Item no. 881663

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

DUST CLASS H

according to EN 60335-2-69

Annex AA+CC

DGUV 109-001



VACUUM SYSTEM FOR ALU AND CFRP DUSTS

Due to the attached spark trap including 5 m cooling section, the industrial vacuum cleaner is compliant with DGUV regulation 109-001 and is suitable for grinding, cleaning and polishing of aluminium.

Filter combination:

Pre-filter:

Residual dust filter:

Transmittance rate:

dust class M

dust class H

< 0.005 %

APPROVED UTILISATION

- for vacuuming dry, combustible, hazardous dusts; dust class H
- for collection of any dust with all exposure limits*, including dusts hazardous to health - with recirculation of clean air into the working area
- **Dust class H**
(including dust classes L and M)

* AGW- Occupational exposure limit value

SCOPE OF DELIVERY

Item no. 881091

- 1 × mobile vacuum unit with grey hood
filter class M | zone 22 | CE 400 V 16A
- 1 × spark trap (mounted)
- 1 × hose plastic Ø 50 mm | 5 m
with Storz C clutch
- 1 × hose plastic Ø 40 mm | 5 m
with Storz C clutch
- 1 × plastic hose Ø 50 mm | 5 m
with pressure pin

- 1 × transition Ø 50 mm
Storz C clutch to pressure pin
- 1 × curved hand tube Ø 50 mm
- 1 × hand tube stainless steel Ø 50 mm | 1 m
- 1 × floor nozzle cast aluminum body | 50 cm wide
- 1 × crevice nozzle | 30 cm long
- 1 × holder suction arm



DUST CLASS H

according to EN 60335-2-69

Annex AA+CC

DGUV 109-001

NA7-26 MOBILE WET SEPARATOR

ADVANTAGES:

Wet separators are used for the separation of dusts and dust particles of any kind. These are harmlessly bound by the introduction into liquid media and are no longer flammable. They are particularly suitable for aluminum or magnesium dusts. The additionally installed residual dust filter of class H also enables the extraction of CFRP dusts.

- accurate indication of differential and negative pressure
- easy emptying & cleaning
- easy filter change
- strong performance despite compact dimensions
- effective unit cooling
- optical level monitoring with additional level sensor

SCOPE OF DELIVERY

Item no. 881760

1 × separator unit NA7-26
 1 × hose 5 m
 1 × hand tube
 1 × curved hand tube
 1 × industrial floor nozzle
 1 × crevice nozzle
 1 × 10 m power cord
 1 × accessory box
 1 × hose holder | stainless steel, mounted

1 × additional equipment | push handle
 1 × cable holder | stainless steel, mounted

DUST CLASS M

according to EN 60335-2-69

Annex AA+CC

DGUV 109-001



VACUUM SYSTEM FOR ALUMINUM DUSTS

APPROVED UTILISATION

Due to the attached spark trap including 5 m cooling section, the industrial vacuum cleaner is compliant with DGUV regulation 109-001 and is suitable for grinding, cleaning and polishing of aluminium.

Filter combination:

Pre-filter:

dust class M

Transmittance rate:

< 0.005 %

- 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)

* AGW- Occupational exposure limit value

SCOPE OF DELIVERY

Item no. 881090

- 1 x mobile vacuum unit with grey hood
filter class M | zone 22 | CE 400 V 16A
- 1 x spark trap (mounted)
- 1 x hose plastic Ø 50 mm | 5 m
with Storz C clutch
- 1 x hose plastic Ø 40 mm | 5 m
with Storz C clutch
- 1 x plastic hose Ø 50 mm | 5 m
with pressure pin

- 1 x transition Ø 50 mm
Storz C clutch to pressure pin
- 1 x curved hand tube Ø 50 mm
- 1 x hand tube stainless steel Ø 50 mm | 1 m
- 1 x floor nozzle cast aluminum body | 50 cm wide
- 1 x crevice nozzle | 30 cm long
- 1 x holder suction arm



DUST CLASS M

according to EN 60335-2-69

Annex AA+CC

VACUUM SYSTEM FOR STEEL DUSTS

ADVANTAGES

- Modular system - modular construction to meet higher operational or legal requirements can be retrofitted at any time without problems
- No need to buy expensive filter bags all the time
- Convenient and quick foot lever emptying

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)

* AGW- Occupational exposure limit value

SCOPE OF DELIVERY

Item no. 881089

- 1 x mobile vacuum unit with grey hood
filter class M | zone 22 | CE 400 V 16A
- 1 x hose plastic Ø 50 mm | 5 m
with Storz C clutch
- 1 x hose plastic Ø 40 mm | 5 m
with Storz C clutch
- 1 x plastic hose Ø 50 mm | 5 m
with pressure pin

- 1 x transition Ø 50 mm
Storz C clutch to pressure pin
- 1 x curved hand tube Ø 50 mm
- 1 x hand tube stainless steel Ø 50 mm | 1 m
- 1 x floor nozzle cast aluminum body | 50 cm wide
- 1 x crevice nozzle | 30 cm long
- 1 x holder suction arm



TELESCOPIC ARM FOR MOBILE VACUUM SYSTEMS

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:

- 881090 - Vacuum system for aluminum dusts
- 881091 - Vacuum system for ALU and CFRP dusts
- 881889 - Vacuum system for steel dusts
- 881760 - NA7-26 Mobile wet separator
(only in combination with mobile media trolley 881092)

EQUIPMENT FEATURES

Item no. 881092

Outreach:	outreach 2000 mm
Extraction funnel:	extraction plate 420 × 260 mm stainless steel
Attachment:	square tube with star grip



CAREMASTER

MOBILE FUME EXTRACTION SYSTEM

Mains connection	Power	Welding fume filter		Adhesive fume filter			Extraction system performance	Sound pressure level	Negative pressure
400 V (16A)	2.2 kW	M5	F9	M5	H13	Activated carbon cassette	3500 m³/h	73 db(A)	250 mbar

Mobile extraction and filtering unit for the extraction and filtering of fumes and adhesive vapors generated during thermal joining and cutting of metals and plastics. The unit is equipped with two hose extraction arms with internal joints. The innovative

spring support inside the extraction arms allows the arms to be easily adjusted to any position. The suction hood with integrated throttle valve can be swivelled in any direction.

SCOPE OF DELIVERY

Item no. 881752

- 1 × filter unit type SF II IFA
- 2 × hose arm 3 m
- 1 × power cable 5 m
- 1 × pre-filter mat M5
- 1 × particle filter F9
- 1 × particle filter H13
- 1 × activated carbon cassette



STRONGMASTER IFA

WELDING FUME EXTRACTION

Due to the dedustable filter cartridge, this unit incurs only minimal follow-up costs. The filter cartridge remains in the unit during cleaning to prevent dust from entering the working area. A baffle plate serves to pre-separate gross particles. Afterwards, the filter cartridge separates the remaining dusts and fumes. The filters are dedusted via a maintenance door by means of a compressed air pistol on the clean air side. The particles are collected in a dust collecting tray and can be disposed of afterwards.

The unit is fitted with a high-capacity snail fan with high negative pressure that guarantees a high volumetric flow even if the filter is saturated.

Max. Ventilator volume flow	Max. Compression	Power output	Noise level
3000 m³/h	2400 Pa	1.1 kW	ca. 70 dB(A)

FEATURES

Item no. 881092

- Pre-separator
- Long lasting, dedustable filter cartridge
- Optical and acoustic filter monitoring
- Sealing device
- Operating hours meter
- Suction arm Ø 150 mm
- 5 m mains cable
- PE bag for the dust collecting tray



FILTOO

EXTRACTION AND FILTER SYSTEM

The unit can be used in numerous areas of application. The mobile extraction and filter unit filters smoke and dust and neutralises odours. The extraction arm sucks up polluted air with pinpoint accuracy.

The device filters particles or gases in a four-level filter process including a gross filter, a prefilter, an activated carbon filter and a main filter. When used as intended, the unit can be used for recirculation operation, as the requirements for the

exemptions according to the new statutory Hazardous Substances Ordinance are met.

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

FEATURES

Item no. 881752

- Large coarse filter
- Particle filter with separation efficiency $\geq 99\%$
- Pre-filter
- Activated carbon filter
- Main filter
- Electronic filter monitoring
- Operating hours counter
- Extraction arm 3 m (flexible tube version with internal joints)
- 5 m mains cable

ACCESSORIES & SPARE PARTS FOR VACUUM SYSTEMS

CAREMASTER MOBILE FUME EXTRACTION SYSTEM

PARTICLE FILTER F9 Item no. 881822	ACTVATED CARBON FILTER Item no. 881821	PARTICLE FILTER H13 Item no. 881820	PRE-FILTER MAT M5 Item no. 881810
			10 PCS. 
PROTECTION GRILLE Item no. 881813	PE-BAGS Item no. 881812	SUCTION HOOD Item no. 881811	FRAME FOR M5 Item no. 881878
	4 PCS. FOR THE DISPOSAL OF FILTER ELEMENTS	INCL. THROTTLE VALVE 	

NA7-26 MOBILE WET SEPARATOR

FILTER CARTRIDGE Item no. 881758	MOISTURE TRAP Item no. 881759
DUST CLASS H 	

VACUUM SYSTEMS FOR STEEL, ALU AND CFRP DUSTS

DISPOSAL CONTAINER D1-D2 Item no. 881111	BAG FILTER M Item no. 881112	RESIDUAL DUST FILTER H13 Item no. 881113
		

STRONGMASTER IFA WELDING FUME EXTRACTION

FILTER CARTRIDGE 327×600 mm	CARTRIDGE POWDER PRE 100 g
Item no. 882075	Item no. 882076
DUST CLASS M	
	 <p>To precoat filter cartridges, approx. 10 g of the filter aid are required per m² of filter surface. Precoating significantly increases the service life of the filter cartridges and considerably improves their cleaning properties.</p>

FILTOO EXTRACTION AND FILTER SYSTEM

COARSE FILTER	PRE-FILTER	ACTIVATED CARBON FILTER	PARTICLE FILTER
Item no. 882077	Item no. 882078	Item no. 882079	Item no. 882081
10 ST. 			

DUST PRE-SEPARATOR STAVO WITH COLLECTING DRAWER

Item no. 882074

		
<p>This kit is used for preliminary dust separation in the filtoo. The inserted baffle directs the airflow toward the dust collecting drawer. Possibly suctioned sparks are also captured effectively. In the collecting drawer most of the dust is already pre-separated. The following 4 filter units will be relieved and their lifetime will be increased. The collection charge can regularly be emptied in a simple manner.</p>		



BODY SHOP MANAGER

ADVANTAGES:

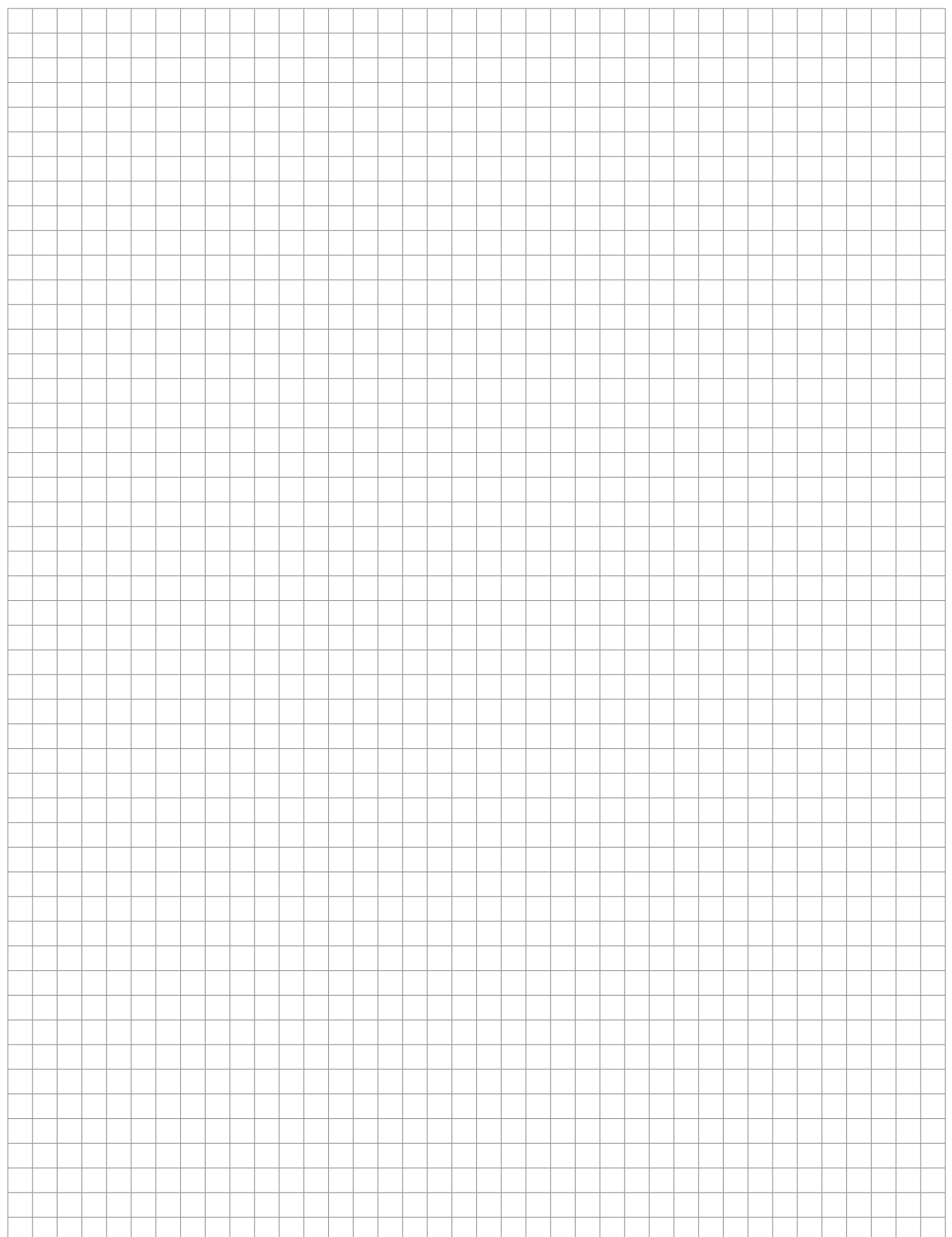
- Mobile storage for bodywork and automotive add-on parts
- Clear storage of parts in the workshop during the repair process
- Safe storage and protection against damage
- The use of the tray minimizes the loss of parts and their interchangeability
- Easy and quick assembly

SCOPE OF DELIVERY Item no. 881100

- 1 x shelf (basic version)
- 3 x storage basket
- 4 x swivel castor with parking brake
- 4 x additional arm
- 4 x foam cover for additional arm
- 1 x storage system for doors, tailgates, engine hoods, etc.

RUBBER INSERT FOR STORAGE BASKETS	ADDITIONAL ARMS FOR BODYSHOP MANAGER
1000 x 550 mm	500 x 70 x 25 mm 2 pcs.
Item no. 881194	Item no. 881180
	
FOAM COVERS FOR ADDITIONAL ARMS	
Ø 60 mm L = 450 mm 2 pcs.	
Item no. 881181	
	

NOTES





<https://www.wielanderschill.com/agb>

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