ADLER®
ARBEITSMASCHINEN

PRODUCING QUALITY.









Product **Range**

Sweepers
Augers
Cone splitters
Crawler undercarriages
Snow blades
Salt spreaders
Weed control
Drill rigs

www.adler-arbeitsmaschinen.de



ADLER quality

All ADLER products meet maximum quality criteria as it is our aim that our products set the standards in excellence.

DEVELOPED & PRODUCED IN GERMANY

Material

We only use the best materials for our products: thicker steel plates, bigger sweeper brushes, better wheels: Problem-free functions and sturdy design are more important to us than scrimping on material.

Manufacturing

We at ADLER weld, bolt and join our products with high precision to ensure maximum durability. We protect key components with top-quality primer & powder coating in all the important places. A perfect finish that lasts for years!

Ideas

The quality of ideas that goes into our products is also essential. We research which products our clients really need and develop them. In doing so, we use a modular approach, so that you can combine our products flexibly and adapt them to your individual requirements.

Technology maturity

From the outset, we develop our products to withstand conditions which go above and beyond standard situations. This means that our machines perform well even under the toughest conditions. We test our products thoroughly and even if they work perfectly, we continue to optimise and enhance them.

Service

It goes without saying that we offer perfect service quality. When you experience our service, you'll be convinced.



Thomas Schmiemann
Managing Director

+49 2573 97999-10
t.schmiemann@adler-arbeitsmaschinen.de



Rainer Hackenfort
Managing Director

+49 2573 97999-20
r.hackenfort@adler-arbeitsmaschinen.de



Stefan Ostendorf
Sales

+49 2573 97999-22
s.ostendorf@adler-arbeitsmaschinen.de



Hendrik Fisch
Sales

+49 2573 97999-23
h.fisch@adler-arbeitsmaschinen.de



Marius Kintrup
Sales

+49 2573 97999-13
m.kintrup@adler-arbeitsmaschinen.de



Manuel Schober
Sales & Spare Parts

+49 2573 97999-46
m.schober@adler-arbeitsmaschinen.de



Jeroen Withag
Sales Representative Benelux

+31 6247 64 353
j.withag@adler-arbeitsmaschinen.nl



Achim Weinkauf
Spare Parts Sales

+49 2573 97999-19
a.weinkauf@adler-arbeitsmaschinen.de

The products

Sweeper K 450	4
Sweeper K 560	6
Sweeper K 600	8
Sweeper K 750	10
Sweeper K 950	12
Bucket Sweeper KS 600 / 750	14
Sweeper for excavators BK 750 / 950	16
Push Broom SB-series	18
Scraper attachment KV-series	20
Weed brush for excavators BW 800	22
Auger E-series	24
Auger EHD-series	26
Cone Splitter SP-series	28
Crawler Undercarriage F-series	30
Snow Blade SL-series	32
Snow Blade S-series	34
Snow Blade V-series	36
Salt Spreader ST-E	38
SmartBox	40
Attachment Weed Brush W-series	42
Mode of operation der ADLER-Heater	44
ADLER-Heater Flexi 350 / 500	46
ADLER-Heater 500 / 750 E	48
ADLER-Heater 1000 Light	50
ADLER-Heater 1000 / 1400	52
Mounting versions	54
Drill Rigs B-series	56

ADLER ARBEITSMASCHINEN

Small, but nice and clean ...

Sweeper
K 450

- **Mechanically / on option hydraulically driven sweeper**
- **Easy brush adjustment**
- **Low dead weight – stable design**
- **High corrosion protection due to primer and powder coating**

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Sweeper K 450

Small machine with a big effect ...

Attack dirt, light snow and leaves with this!

The ADLER K 450 is our smallest sweeper, which will impress you with its economic efficiency! Here we focus on low working weight under consideration of stable design. Our working widths enable sweeping even in the smallest corners. Maintaining your pavements is a real cinch with this machine, which is even fun for the "big ones". The ideal machine for mounting on municipal tractors and small carrier vehicles.

Accessories:

- Hydraulic side swivel for flexible free-sweeping use
- PTO-shaft
- Large-volume hopper including wear-resistant sweeping edge
- Mechanical emptying, hydraulic on request
- 120 l / 300 l water spray system to reduce dust formation during the sweeping process (water tank mounted at the rear)
- Large rotary side brush for sweeping close to the edge, ideal for sweeping gutters (hydraulically driven)
- Support wheel (strongly recommended for yard loaders)
- LED 12 V side marker lights
- Special colour according to RAL colour shade (standard RAL 2002)

ADLER-sweeper K 450		120	135	150
Working width, straight / angled	cm	120/113	135/128	150/143
Total width	cm	136	151	166
Brush diameter	mm	450	450	450
Rotation speed	1/min	540 – 2.200		
Required hydraulic pressure and volume		160 bar / 25 l/min		
Weight simple sweeping incl. attachment	kg	170	175	185
Fill capacity hopper	Litres	54	61	68
Area performance	m²/h	9.600	10.800	12.000



K 450 with mechanical hopper emptying



Rotary side bruh in use with support wheel



K 450 for simple sweeping



Hitch system hitch triangle Kat. Municipal



Water spray system (120 l or 300 l) on rear attachment as an option



Brush adjustment via push-fit system

ADLER ARBEITSMASCHINEN

Take it to the street ...

Sweeper
K 560

- **Mechanically/optionally hydraulically operated sweeper**
- **Easy sweeper brush adjustment**
- **Low net weight**
- **Extremely robust design**

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Sweeper K 560

The perfect cleaning solution for your municipality ...

Clear streets and public places easily from dirt, fallen leaves or snow.
The ADLER K 560 is the economic choice for municipal use, horticulture or landscape gardening and service providers in the property management sector. Thanks to its lightweight construction, this mechanically driven sweeper (which is also optionally available with hydraulic drive) is perfect for mounting on municipal tractors and small carrier vehicles.

Accessories:

- Hydraulic swivel mechanism for flexible simple sweeping
- Large capacity hopper with wear-resistant sweeping lip, 3rd support wheel and hydraulic emptying system as a standard feature with simple sweeping mode
- Water spray system (120 l / 300 l) for dust control during sweeping (water tank mounted on rear of vehicle)
- Large rotary side brush for sweeping edges, perfect for sweeping gutters (hydraulically driven)
- Reinforced heavy-duty wheels Ø 200 mm x 50 mm
- Mechanical height-adjustable splash guard
- Side marker lights, LED, 12/24 V
- Customised colour as per RAL colour chart (standard: RAL 2002)

ADLER-Sweeper K 560		135	150	180
Working width, straight / angled	cm	135/128	150/143	180/171
Total width	cm	151	166	196
Brush diameter	mm	560	560	560
Rotation speed	1/min	540 – 2.200		
Required hydraulic pressure & volume		160 bar / 20 l/min		
Weight incl attachment / hopper	kg	190/243	205/261	235/296
Fill capacity hopper	Litres	128	142	173
Area performance	m²/h	10.800	12.000	14.400



K 560 with Salt Spreader ST-E in winter maintenance


Standard equipment includes simple sweeping mode for machines with hopper


Rotary side brush in use


K 560 with adjustable splash guard


Large angle of breakage in the machine frame – ideal for clearing snow

ADLER ARBEITSMASCHINEN

A clean sweep ...

Sweeper
K 600

- 600 mm brush diameter
- Simple sweeping mode
- Universal mount system
- Comfortable brush readjustment
- Hydraulic emptying system fitted as standard feature
- 2 large wheels Ø 250 mm
- With overrun protection as standard feature

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Sweeper K 600

A clever solution that doesn't cost a fortune ...

Like all ADLER sweepers, the ADLER K 600 can also be equipped with a wide range of options at any time.

Accessories:

- Large hopper incl. wear-resistant sweeping lip, hydraulic emptying (standard) incl. simple sweeping mode and 3rd support wheel
- Rotary side brush, 600 mm, for sweeping edges – perfect for sweeping gutters
- Water spray system (120/240 l) for dust control
- Protected internal motor
- Reinforced heavy-duty wheels Ø 250 mm x 80 mm
- Flow control valve 3/4" for a hydraulic oil flow from 75 l/min. to 120 l/min.
- Flow control valve 1" for a hydraulic oil flow of > 120 litres
- Hydraulic swivel mechanism for flexible simple sweeping
- Attachment mount suitable for front plate, DIN EN 15432-1, Size 3 or 5, including hydraulic cylinder and leveling system for optimum adjustment to the ground surface
- Scraper attachment KV-series (see pages 18-19)
- Side marker lights, LED, 12/24 V / Warning flags
- Customised colour as per RAL colour chart (standard: RAL 2002)

ADLER-Sweeper K 600		135	150	180	210	240	270
Working width, straight / angled	cm	135/127	150/141	180/169	210/197	240/226	270/254
Total width	cm	166	181	210	240	269	299
Brush diameter	mm	600	600	600	600	600	600
Required hydraulic pressure & volume		160 bar / > 25 l/min			160 bar / > 40 l/min		
Weight simple sweeping / hopper	kg	290/378	320/413	345/448	370/472	395/517	420/550
Hopper capacity	Litres	191	212	255	297	340	382
Area performance	m²/h	10.800	12.000	14.400	16.800	19.200	21.600



Optional rotary side brush and Water spray system

Reinforced, heavy-duty swivel castors



Suitable for attachment on front and rear of tractor



Brushes are continuously adjustable



Simple sweeping mode, hydraulic hopper emptying system and 3rd support wheel on hopper



K 600 Scraper attachment without hopper



Universal attachment with 3D leveling system



Heavy-duty universal attachment with 3D leveling via roller guidance

ADLER ARBEITSMASCHINEN

... it'll sweep you off your feet!

Sweeper
K 750

- **750 mm Brush diameter**
- **Heavy-duty wheels Ø 400 mm**
- **With overrun protection as standard feature**
- **Internal hydraulic motor**
- **Suspended sweeper broom**
- **Universal attachment system**

Front and rear attachment possible

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Sweeper K 750

A clean sweep with ADLER

One highlight is the high-quality heavy-duty wheels, which enable the ADLER K 750 to ride over potholes, railway tracks and rough terrain without any difficulty. As optional extras, you can fit your machine with a large-capacity hopper, use side brushes to sweep curbs and gutters, or easily reduce dust levels during sweeping thanks to our Water spray system.

Accessories:

- Large hopper incl. simple sweeping mode, incl. wear-resistant sweeping lip and heavy-duty wheels ø 400 mm x 100 mm
- Rotary side brush for sweeping close to the edge – perfect for sweeping gutters
- Water spray system 240 l / 360 l for dust control
- Flow control valve 1" for hydraulic fluid volumes > 90 l/min
- Hydraulic angling for flexible simple sweeping
- Attachment front plate, DIN 76060
  Size 3 or 5, including hydraulic cylinder and leveling system for optimum adjustment to the ground surface
- Scraper attachment KV-series (see pages 18-19)
- Side marker lights, LED, 12/24 V / Warning flags
- Customised colour as per RAL colour chart (standard: RAL 2002)

ADLER-Sweeper K 750		210	240	270	300	330
Working width, straight / angled	cm	210/198	240/228	270/257	300/285	330/313
Total width	cm	233	262	292	321	351
Brush diameter	mm	750	750	750	750	750
Required hydraulic pressure & volume		160 bar / > 35 l/min			160 bar / > 40 l/min	
Weight, including mount / hopper	kg	499/690	596/800	674/890	748/995	875/1.135
Hopper capacity	Litres	390	450	500	555	610
Area performance	m²/h	16.800	19.200	21.600	24.000	26.400
For carrier vehicles with an operating weight of	t	3+	4+	5+	6+	6+



Side brush and water spray systemas an option


K 750 with front lift system


Simple sweeping mode and 750 mm brush diameter as standard features


K 750 with hopper and Scraper attachment


Hydraulic hopper emptying system


Large wheels 400 mm x 100 mm

ADLER ARBEITSMASCHINEN

... it's size-dependent!

Sweeper
K 950

- **High sweeping area performance**
- **Heavy-duty hydraulic package: incl. oil flow control valve 11/4" and back-pressure valve against overtravel, up to a hydraulic flow rate of 400 l/min**
- **Large support wheels Ø 460 x 125 mm (solid rubber))**
- **Short attachment due to intelligent mounting system with 3D leveling and integrated hydraulic swivel**
- **Suspended brush: Top sweeping results, long brush service life**

DEVELOPED & PRODUCED IN GERMANY

Incl. SmartBox as standard equipment





Profile
ADLER-Sweeper K 950

The ADLER for high sweeping area performance!

The K 950 from ADLER is one of Europe's largest sweepers. With a brush diameter of almost one meter, rotational speeds are generated which even under the most extreme conditions – as, for example, use in quarrying – ensure clean results for your operation. Thanks to its 46 cm large heavy-duty wheels, the ADLER K 950 also masters rough terrain with ease. The highly comfortable control of all its hydraulic and electric functions from the cabin will inspire you. For example, you can use the series hydraulic swivel or simply only fold the side brush down and switch it on. A heavy-duty hydraulic package, incl. oil flow control valve 11/4" and back-pressure valve against overtravel will fully secure your machine up to an hydraulic flow rate of 400 l/min..

Accessories:

- High-volume dirt collection hopper with two integrated heavy-duty wheels (Ø 460 x 125 mm) including electrically switchable simple sweeping mode and wear-resistant sweeping lip
- Hydraulic foldable and connectible side brush, Ø 900 mm (can be used on the left- or right-hand side)
- 600-litres water spray system with two electrical pumps (12/24 volt)
- Splash guard specially developed for the wide working width (adjustable)
- 3rd and 4th support wheel incl. splash guard – advantageous for independent sweeping
- Side marker lights, LED (12/24 volt) and/or warning flags
- Customised colour according to RAL colour chart (standard: RAL 2002)

ADLER-Sweeper K 950		300	330	360	390
Working width, straight / angled	cm	300/275	330/304	360/334	390/363
Total width	cm	327	357	386	416
Brush diameter	mm	950	950	950	950
Required hydraulic pressure & volume		160 bar / >65 l/min			
Weight, including mount/hopper	kg	2.010/2.660	2.055/2.725	2.100/2.790	2.150/2.860
Hopper capacity	Litres	1.100	1.210	1.320	1.425
Area performance	m²/h	24.000	26.400	28.800	31.000
For carrier vehicles with an operating weight of	t	from 12		from 15	



If you go for a water-spray system, then take the right one: the side brush is always equipped with a spray nozzle





All-in: hydraulic angling, 3D levelling, height indicators and the innovative ADLER mounting bracket



The function "simple sweeping" can be activated by a remote control



Optional hydraulic side brush, can be switched on/off (ø 900 mm)



The particular "deep" hopper increases sweeping capacity. Of course, incl. hydraulic emptying (standard)



Four big, stable wheels (460 x 125 mm) guarantee a perfect bottom guidance

ADLER ARBEITSMASCHINEN

Keep things spinning ...

Bucket Sweeper
KS 600 / 750

- 600 or 750 mm brush
- Wear resistant cutting edges & welded armord steel naps
- Lateral cutting edges (angular arrangement)
- Convenient broom adjustment
- Internal hydraulic motor, protected on the sides

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Bucket Sweeper KS 600 / 750

The ultimate street sweeper.

The KS 600 / 750 bucket sweeper shows its true strengths in tough road construction applications with powerful and deep sweeping of slotted cracks.

Easily interchangeable wear resistant cutting edges with welded armord steel naps, fitted at an angle, are standard and are to ensure a long service life of the bucket sweeper. This is complemented by ADLER's typical high-quality primer coat and powder coating.

Robust, durable and versatile, the KS 600 / 750 is the ideal all-rounder for daily use under extreme conditions.

Accessories:

- Steel guide rollers (Ø 125 mm) on the rear of the bucket
- Hydraulic folding
- Adjustable dust flap
- Rotary side brush
- Water spray system

ADLER-Bucket Sweeper KS 600 / 750		150	165	180	210	240
Working width	cm	150	165	180	210	240
Total width	cm	174	189	204	234	264
Brush diameter	mm	600	600	600	750	750
Required hydraulic pressure & volume		160 bar / > 30 l/min				
Weight, including bucket	kg	419	460	502	618	706
Bucket capacity	Litres	388	426	465	590	674
Area performance	m²/h	9.000	10.100	10.900	12.600	14.400



Adjustable dust flap



Hydraulic folding system (optional)



Emptying system



Sweeping bucket optionally available with rotary side brush



KS 600 mounted on a wheel loader incl. water-spray system





Interchangeable wear-resistant cutter

ADLER ARBEITSMASCHINEN

For tough jobs ...

Sweeper for excavators
BK 750 / 950

- **For tracked and mobile excavators from 1.7 t up to 25 t**
- **750 mm or 950 mm brush diameter depending on working width**
- **Internal hydraulic motor - with BK 950 Two internal drive motors**
- **Standard overrun protection with pressure relief valve**
- **Complete with integrated parking device**
- **Optionally with spring-loaded pendulum for optimum ground adjustment**
- **With optional slewing ring for 90° rotation of the machine (mechanical or hydraulic)**



Profile
ADLER excavator sweeper BK 750 / 950

Rolling chippings, rubble, coarse dirt, snow - the ADLER sweeper for tough applications

The ADLER excavator sweeper helps you to sweep your building sites, whether in road construction, pipeline laying, pavement sweeping or surface cleaning. You can quickly adapt and hydraulically connect your BK 750 / 950 excavator sweeper using the quick-change attachment on your excavator- and off you go!

The hydraulic system of your excavator drives the internal hydraulic motor and thus the brush shaft. An overrun protection system fitted as standard protects the hydraulic motor from pressure peaks and ensures a long service life for the motor. You can use your tracked and mobile excavators from 1.7 t up to 25 t.

With a brush diameter of 750 mm or 950 mm, the powerful excavator sweepers also remove heavy soiling quickly and effectively. As an option, a dirt scraper can also be used to scrape even caked-on dirt from the road surface. The ADLER BK 750 / 950 excavator sweeper is the ideal addition for fast cleaning operations on your site.

Accessories:

- Turntable for 90° rotation of the machine (mechanical or hydraulic)
- Spring-loaded pendulum for optimum adaptation to the ground
- Flow control valve for limiting the oil volume to the permissible flow rate

ADLER-excavator sweeper BK 750 / 950		90	120	150	150	180	210	240
Working width	cm	90	120	150		180	210	240
Overall width	cm	114	143	173	181	210	240	270
Brush diameter	mm	750	750	750	950	950	950	950
Required hydraulic pressure and volume		160 bar / > 30 l/min			160 bar / > 60 l/min			
Weight	kg	195	216	237	453	489	525	566



Brush diameter: 750 mm (up to 1,500 mm working width) or 950 mm (from 1,500 mm to 2,400 mm working width



Slewing ring to turn the machine 90° – hydraulically or mechanically



Spring-loaded pendulum adapts perfectly to the ground



ADLER BK 750 / 950 always with integrated parking device



Powerful hydraulic motors with motor-preserving overrun protection



Insert for vertical use with power tilt function on the excavator

ADLER ARBEITSMASCHINEN

Strong Broom. Clean Results.

Push Broom
SB-series

- **Robust construction in ADLER quality**
- **Various mounting options for a wide range of carrier vehicles**
- **Six working widths from 120 to 270 cm, each with 11 sweeping bars – modularly expandable to 22 sweeping bars**
- **Easy sweeping and gathering of loose material and bulk goods**
- **Versatile use on building sites, depot grounds, traffic areas and in agriculture**
- **Extensive range of optional equipment to meet individual requirements**

DEVELOPED & PRODUCED IN GERMANY

NEW



Profile
ADLER-Push Broom SB-series

Swept away with plenty of power!

The robust ADLER SB-series push broom reliably sweeps loose debris to one side on building sites, depot grounds, roads and on farms. The eleven sweeping strips arranged in a row dislodge dirt and soil from the ground. Furthermore, the broom is suitable for sweeping sand into paving joints and for clearing snow.

Maintaining the sweeping broom is also incredibly simple: if the sweeping strips are worn, the brush elements can be replaced quickly and easily after removing the standard impact protection.

The SB series is available in six working widths ranging from 120 to 270 cm. Mountings for fork tines are integrated into the brush frame as standard. Additional attachments for excavators, grab buckets and wheeled/front-end or yard loader hooks can be fitted flexibly. As always with ADLER:with a high-quality primer and powder coating.

Accessories:

- Two brush stiffnesses
- Pivoting parking stands
- Wedge-shaped side brush strips
- Fork tine entry limiter
- Impact protection roller
- Fold-down scraper blade
- Marker rods

ADLER-Push broom SB-Serie		120	150	180	210	240	270
Working width (straight)	cm	120	150	180	210	240	270
Overall width	cm	124	154	184	214	244	274
Height	cm	46	46	46	46	46	46
Brush rows		11	11	11	11	11	11
Area capacity	m²/h	11.400	14.300	17.100	20.000	22.800	25.700
Weight*	kg	141	157	173	189	212	246

* Weight without mounting system



The ADLER SB series on the forklift truck with entry limit ...



... and fitted with a quick-change system on the excavator



Quick-change system for wheel loaders and front-end loaders



Effective sweeping close to the kerb with wedge-shaped side sweeping bars (optional)



Convenient sweeping up of bulk materials in the storage silo



He's taking a lot with him!





Swivel-mounted parking supports in the parking and working positions

ADLER ARBEITSMASCHINEN

A truly effective scraper

Scraper attachment **KV-series**

- **Frees persistent dirt**
- **Versatile use**
- **Wear resistant scraper bars**
- **Suspended scraper bars**

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Scraper attachment KV-series

Show dirt what you've got.

Business before pleasure! Don't forget about scraping after the job has been done! Debris and spillage on roads due to harvesting and other work in the fields pose a serious safety hazard. As the person responsible, you are legally required to take corrective action in such cases. The ADLER-Scraper attachments KV-series offer an optimum solution. The KV-series is ideal for use on bends, roads, lanes, paths and open spaces – any place where stubborn dirt from soil and clay earth makes it difficult to sweep.

With the KV-series, you'll always achieve a clean end result no matter whether you mount the Scraper attachment in front of your tractor or wheel loader, combine it with one of our sweepers or you scrape at the front and sweep at the rear while driving your tractor.

Accessories:

- Hydraulic swivel for direct attachment
- Mounting options for direct attachment:
  3-point hitch or universal attachment for wheel, telescopic and front loaders
- 3rd support wheel for optimum floor guidance

ADLER-Scraper Attachment KV-series	180	210	240	270	300	330
Working width cm	180	210	240	270	300	330
Direct attachment for tractors, wheel loaders or other carrier vehicles	✓	✓	✓	✓	✓	✓
KV-series attached to K 600 Sweeper without hopper – only possible in simple sweeping mode	✓	✓	✓	✓	-	-
KV series mounted on Sweeper K 750 without hopper - only possible in simple operation	-	✓	✓	✓	✓	✓
KV-series attached to K 750 Sweeper, on option with hopper	-	✓	✓	✓	-	-



Direct attachment to tractors or wheel loaders



KV-series Scraper attachment with third support wheel



Sweeping machine K 750 (simple sweeping) and scraper



The suspended scraper bar elements optimally adapt to uneven road surfaces



With ADLER everything goes well: sweeping machine with hopper, scraper and side brush



Combination scraper/sweeping machine K 750 with hopper

ADLER ARBEITSMASCHINEN

Goodbye weeds ...

Weed brush for excavators **BW 800**

- **Designed for quick applications**
- **Ideal for removing dense vegetation and stubborn weeds**
- **Right/left rotation of the brush drive as standard**
- **Brush diameter: Ø 800 mm including 22 braids made from rope wound wire**



Profile

ADLER-Weed brush for excavators BW 800

Powerful, hydraulically driven weed brush for excavators

The excavator weed brush has been specially developed for heavy-duty use. Thanks to its large brush diameter, you are able to clear areas of weeds efficiently and in the shortest possible time with your existing excavator. The robust design and powerful hydraulic drive ensure that you can effortlessly remove even the densest vegetation and stubborn weeds. The excavator weed brush is ideal for professional users who are looking for a reliable and effective solution for the maintenance of large areas.

Accessories:

- Various weed brushes such as the flat wire brush on request
- Radial sweeper brush for cleaning dirty surfaces
- Various excavator attachment systems possible e.g. MS 01 / 03 / 08 / CW 05

ADLER excavator weed brush		BW 800
Drive / direction of rotation		hydraulic* / right/left
Brush diameter	mm	800
Brush fill		Rope wound wire / 22 braids
Required hydraulic pressure and volume		160 bar > 35 l/min
Weight (without attachment system)	kg	122

*) 1 double-acting control circuit required



Ideal for cleaning gutter stones



Optimum view from the cab to the excavator weed brush BW 800



Right/left rotation as standard for individual cleaning scenarios



Increase in area output by swiveling the excavator



Before ...



... After

ADLER ARBEITSMASCHINEN

Full of drive …

Auger
E-series

- **Compact design**
- **Low total height**
- **Highly efficient**
- **Maintenance-free usage**
- **Sturdy design**
- **Versatile in use**



Profile
ADLER-Auger E-series

Powerful performance. The Auger Range for every carrier vehicle.

The ADLER-Auger E-series is equipped with powerful orbital engines, which are protected by a sturdy housing. The machine is operated using a simple-acting or double-acting hydraulic control circuit.

The augers are mounted directly using the quick hitch mechanism or forklift forks on yard loaders or smaller wheel loaders. In the case of mini-excavators, the quick hitch coupler or a bolt attachment are used to mount attachments.

The universal joint in the auger attachment ensures that drilling is always vertical - no matter how the carrier vehicle is positioned on the ground.

The auger drills are equipped with exchangeable heads and blades suitable for light to medium soil. The augers are also easy to change using a bolt fixing mechanism. You can also work with medium and heavy soil quickly and effectively using our heavy duty auger blades and heads.

Accessories:

- Attachment options:
  Excavator attachment as quick coupler or universal attachment for wheel loader, telescopic loader and front loader
- Auger drill (standard / heavy duty) with the following ø: 100 mm, 150 mm, 200 mm, 250 mm, 300 mm, 350 mm, 400 mm, 450 mm, 500 mm, 600 mm
- Pressure relief valve

ADLER-Augers	E 50	E 100	E 165
Drive	Hydraulic		
Auger diameter mm	to 200	to 300	to 500
Required hydraulic pressure & volume	160 bar > 20 l/min	200 bar > 20 l/min	200 bar / > 30 l/min
Torque daNm	50	100	165
Pressure relief valve	on option		
Weight* kg	90	101	115

* Weight without mounting system



ADLER E 100 with Ø 250 auger



Universal joint and support bearing as standard



Transport rack for E series



ADLER auger with wheel loader attachment



Auger drills and different qualities in standard and heavy-duty design



ADLER
ARBEITSMASCHINEN

Powerful performance …

Auger drive
EHD series

- **High-efficiency radial piston motor with strong torque**
- **Ideal for hard soils or compacted ground material**
- **Compact design with low overall height**
- **Perfectly suited for unexploded ordnance detection**
- **Maintenance-free operation**
- **Durable and robust construction**
- **Versatile application possibilities**

At a Glance
ADLER Auger Drive – EHD Series

Where others reach their limits, the ADLER Heavy-Duty Auger Drive EHD truly excels!

That's why the ADLER EHD Series features powerful radial piston motors, securely protected within a heavy-duty housing. Operation is possible via a single- or double-acting hydraulic circuit, enabling powerful and efficient drilling – even in hard ground, rock, or compacted material.

The auger drives can be mounted directly via the excavator's quick coupler – or alternatively using bolt-on attachment. An integrated universal joint ensures perfectly vertical drilling – regardless of the carrier's position.

Thanks to the generous pendulum travel of the EHD Series, smooth operation is possible without frequent adjustments to the excavator kinematics.

To protect the powerful drive and ensure long service life, a leakage oil line is required and comes as standard.

Accessories:

- Mounting Options: Quick coupler for excavators or universal adapter for wheel loaders, telehandlers, and front loaders, hydraulic quick couplings: e.g. Qilquick Likufix, Solidlink , etc
- Standard or heavy-duty augers with diameters ranging from 100 mm to 1,000 mm and various lengths
- Continuous flight augers in different diameters and lengths
- Additional coupling flanges for augers:
  - Hexagonal connector (female) SW 41
  - Hexagonal connector (female) SW 51 and additional adapter options available on request

ADLER Auger Drive	EHD 350	EHD 550	EHD 900	EHD 1400	EHD 2250
Drive Type	Hydraulic				
Hydraulic Pressure & Oil Flow (at 100 rpm)	250 - 350 bar > 70 l/min	250 - 350 bar > 100 l/min	250 - 350 bar > 158 l/min	300 - 450 bar > 180 l/min	300 - 450 bar > 272 l/min
Torque daNm	350	550	900	1.400	2.250
Weight* kg	185	260	265	360	370
Side Tilt Angle	25°	30°	30°	30°	30°
Front/Rear Tilt Angle	30°	30°	30°	30°	30°

* Weight without mounting system


The EHD drive in use with a continuous flight auger for unexploded ordnance (UXO) detection


The extra-strong EHD drive – designed for bore diameters up to 1,000 mm


Powerful radial piston motor with high efficiency …


… securely protected within a robust housing


Simple handling – thanks to the integrated 2D pendulum travel

ADLER ARBEITSMASCHINEN

Powerful splitting ...

Cone Splitter
SP-series

- Compact design
- Splitter cone made of tempered steel
- With 2-speed saw thread
- Highly efficient
- Practical stacking function
- Versatile in use

DEVELOPED & PRODUCED IN GERMANY



Profile

ADLER-Cone Splitter SP-series

Great stuff: How to turn heavy, unwieldy wood into small timber.

You can split tree roots, chop firewood or produce fencing posts. You can even move stacks of timber and split wood easily in a single work process. ADLER-Cone Splitters SP-series allow you to complete such heavy work effortlessly without straining your back. The ADLER- Cone Splitter series features high-performance orbital motors and an additional front bearing with grease lubrication. The machine is operated using a simple-acting or double-acting hydraulic control circuit.

The Cone Splitters are mounted directly on excavators using the quick hitch mechanism or attached with bolts.

The Cone Splitter is made of tempered steel and features a 2-speed saw thread which penetrates each piece of wood autonomously. This produces a powerful splitting effect which provides excellent results, even on carrier vehicles with low hydraulic power.

Accessories:

- Flange for auger drill and weed brush
- Auger drill (standard / heavy duty)
- Weed brush
- Stump drill

ADLER-Cone Splitter	SP 100	SP 130	SP 165	SP 200
Drive	Hydraulic			
Required hydraulic pressure & volume	180 bar / > 30 l/min	180 bar / > 50 l/min	180 bar / > 60 l/min	180 bar / > 80 l/min
Torque daNm	100	130	165	200
Pressure relief valve	Featured as standard			
Splitting attachment Ø/length mm	135 / 285	135 / 285	160 / 340	160 / 340
Splitting capacity (depending on wood type)	1 m to about 3 m Length Ø to 0,6 m	1 m to about 4 m Length Ø to 0,8 m	1 m to about 4 m Length Ø to 1,0 m	1 m to about 5 m Length Ø to 1,0 m
Weight* kg	121	126	137	142

* Weight without mounting system



Highly cost-effective



Splitting and stacking in a single work process





Equally suitable for weed control



Effective work process even for smaller carrier vehicles



Penetrates each piece of wood autonomously

Off we go into the rough terrain!

Crawler Undercarriage **F-series**

- **Perfectly suitable for industrial, agricultural and construction machinery**
- **Chassis hydraulically telescopable**
- **Available without center section**
- **Two speed levels**
- **Standard equipment includes four lashing points**
- **On option, customer-specific adaptations possible**

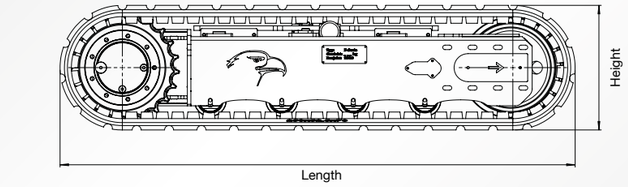


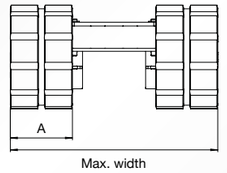


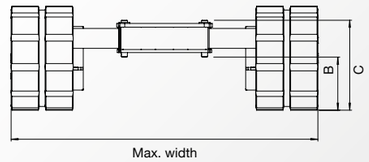
Profile
ADLER-Crawler Undercarriage F-series

We don't really like deadlocked situations!

The stable and long-life ADLER-Crawler Undercarriages are the ideal solution and advantage where wheels can squeeze or damage the ground surface because of punctual pressure. They allow high stability and maneuverability in multiple application areas. No matter what – Drill Rig, lifting platform, crane or harvester – the extendable ADLER- Crawler Undercarriages make your machine a flexible off-roader.







ADLER-Crawler Undercarriage F-series		F 17	F 25	F 30	F 35	F 45	F 60	F 75
Load capacity incl. undercarriage	kg	1.700	2.500	3.000	3.500	4.500	6.000	7.500
Load capacity excl. undercarriage	kg	1.380	2.110	2.555	2.785	3.660	4.625	5.850
Weight	kg	320	390	445	715	840	1.375	1.650
Length	mm	1.344	1.446	1.699	1.760	1.952	2.306	2.523
Min. width	mm	743	775	760	835	1.000	1.200	1.300
Max. width	mm	1.143	1.175	1.160	1.235	1.400	1.600	1.700
Height	mm	336	336	336	452	452	560	560
Chain width A	mm	180	230	230	250	300	400	400
Pass-over height B	mm	182	182	168	232	235	260	243
Height in extended position C	mm	286	289	285	349	358	475	478
Speed	km/h	2,6 / 5,2	2,6 / 5,2	2,6 / 5,2	2,2 / 3,5	2,2 / 3,5	2,4 / 4,7	2,4 / 4,7
Max. oil flow per motor	l/min	20	20	20	35	35	55	55
Max. torque value per motor	Nm	1.607 / 798	1.607 / 798	1.607 / 798	4.820 / 3.015	4.820 / 3.015	10.465 / 5.420	10.465 / 5.420
Max. pressure	bar	200	200	200	200 / 240	200 / 240	200 / 280	200 / 280



The undercarriages can be manufactured either hydraulically telescopable or without a center section



ADLER-Drill Rig on ADLER-Crawler Undercarriage



A stable steelwork assures long durability of the extendable ADLER-Crawler Undercarriages



The center piece of the undercarriage has many fixing points for customer-specific use



Quality motors assure a good torque value and guarantee the excellent ADLER performance, as usual

ADLER ARBEITSMASCHINEN

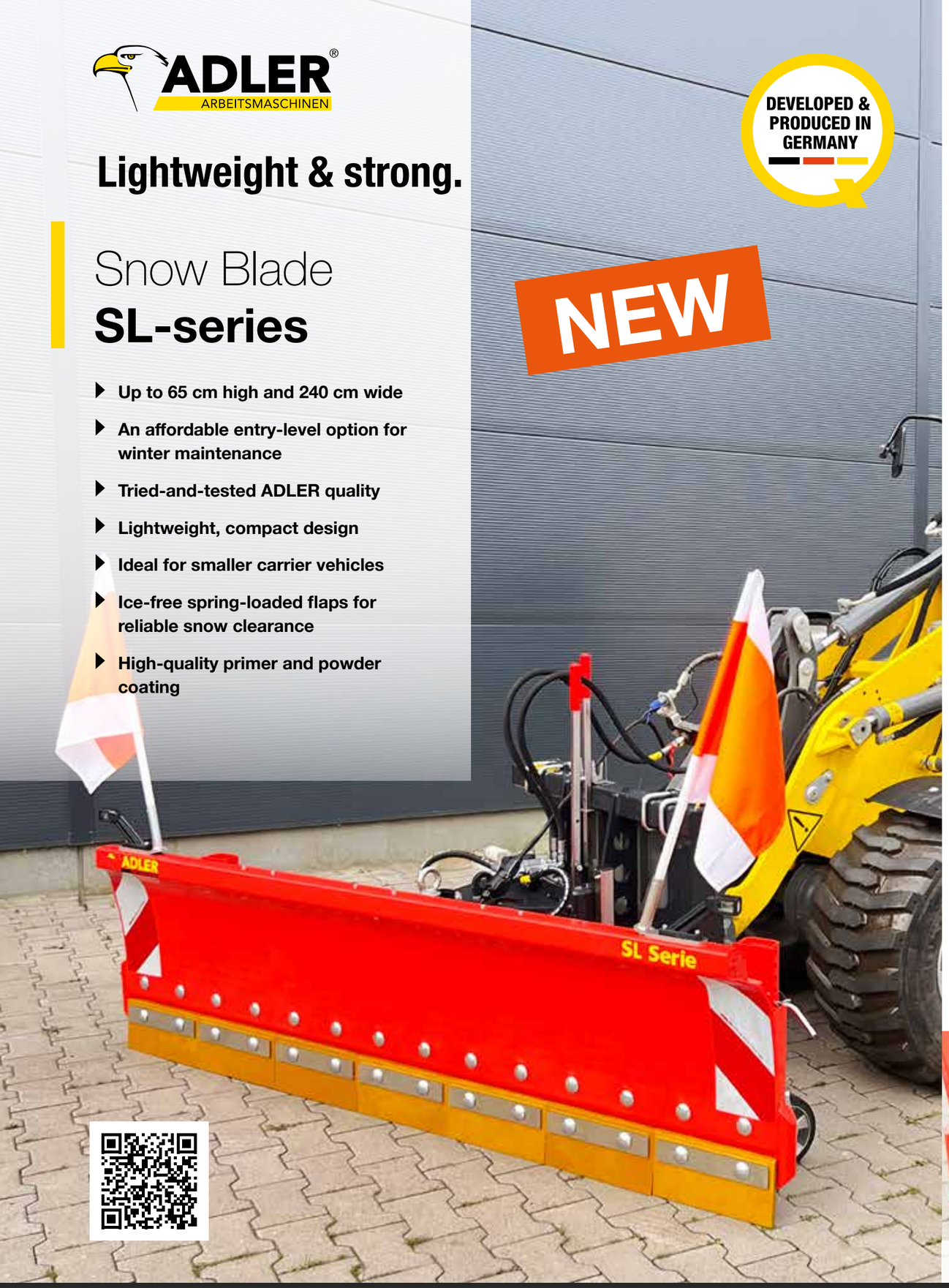
Lightweight & strong.

Snow Blade
SL-series

- Up to 65 cm high and 240 cm wide
- An affordable entry-level option for winter maintenance
- Tried-and-tested ADLER quality
- Lightweight, compact design
- Ideal for smaller carrier vehicles
- Ice-free spring-loaded flaps for reliable snow clearance
- High-quality primer and powder coating

DEVELOPED & PRODUCED IN GERMANY

NEW



Steckbrief
ADLER-Snow Blade SL-serise

Compact snow blade for light-duty vehicles

The compact ADLER snow blade from the SL series offers a cost-effective entry into winter maintenance. It is particularly suitable for carrier vehicles with a lower load capacity. Ice-free spring-loaded flaps, together with a high-quality primer and powder coating, ensure reliable clearing, corrosion protection and long-lasting ADLER quality.

Zubehör:

- Hydraulic side angling for quick clearing without leaving the vehicle
- Pressure relief valve for overload protection
- Extra-heavy-duty caster wheels
- Rubber-corundum cutting edge
- Steel cutting edge
- LED marker lights 12/24 V with reflective strips
- Warning flag set
- Custom RAL color (standard RAL 2002)

ADLER-Snow Blade SL-series		135	150	180	210	240
Working width straight/30° angle	cm	135/ 120	150/ 134	180/ 160	210/ 187	240/ 214
Height	mm	550	550	650	650	650
Caster wheels	Ø/mm	180 x 50	180 x 50	200 x 50	200 x 50	200 x 50
Weight*	kg	115	140	170	190	210

* Weight without mounting system.



Ice-free clearing bars, fitted as standard with edge deflectors (various wear strips available in the range)



Clear the front, spread salt at the rear – the perfect combination of the SL series and the ADLER ST-E salt spreader



Working widths from 135 to 240 cm



Height-adjustable, sturdy training wheels



Universal mount



Lightweight and compact design – ideal for lower load capacities

ADLER ARBEITSMASCHINEN

Ready for snowy weather ...

Snow Blade

S-series

- Up to 115 cm high and 330 cm wide
- 2D levelling
- Material thickness 5 mm - 6 mm steel plate
- Edge deflector
- Anti-icing spring flaps
- Adjustable support wheels
- High-quality primer & powder coating

DEVELOPED & PRODUCED IN GERMANY



Profile

ADLER-Snow Blade S-series

Winter is certain to come!

And next winter ... and the one after that ...

With the ADLER-Snow Blade S-series, you'll be ideally prepared for clearing snow and ice for many years to come.

We've designed the spring flap system of the clearing lip in a manner that cannot ice over. This guarantees excellent clearing results in even the toughest weather conditions and round-the-clock use. Moreover, the time-consuming task of de-icing the spring flaps while you're on the road also becomes unnecessary. If you choose our optional hydraulic angling system, the driver can also easily angle the snow blade from the driver's seat during clearing.

Accessories:

- Hydraulic angling allows you to clear snow effectively without leaving the driver's seat
- Pressure relief valve for overload protection
- Extra heavy-duty wheels
- Alternative wear lips:
  – rubber and corundum lip
  – steel lip
- Side marker lights, LED, 12/24 V with reflective strips, left/right
- Holders for warning flags
- Warning flags, made of flexible and rounded material
- Customised colour as per RAL colour chart (standard: RAL 2002)

ADLER-Snow Blade S-series		135	150	180	210	240	270	300	330
Working width (at 30° angled position)	cm	135/ 120	150/ 134	180/ 160	210/ 187	240/ 214	270/ 241	300/ 263	330/ 289
Height	mm	650	650	800	800	800	800	1.150	1.150
Wheels	Ø/mm	200 x 50	200 x 50	200 x 80	200 x 80	200 x 80	200 x 80	250 x 80	250 x 80
Weight	kg	195	210	336	366	393	421	594	628



Anti-icing spring flaps incl. edge protection (standard), various clearing lips on option



S-series attached to a wheel loader



Working widths from 135 cm to 330 cm



Snow blade, material thickness 5-6 mm steel plate



Heavy universal mount system with hydraulic pivot mechanism (with two hydraulic cylinders)



Height-adjustable support wheels (200 x 80 mm)

ADLER ARBEITSMASCHINEN

Cleared ...

Snow Blade
V-series

- Up to 90 cm high and 330 cm wide
- 2D levelling
- made from 5 mm or 6 mm sheet stee
- Edge deflector
- Anti-icing spring flaps
- Adjustable support wheels
- Edge protections
- High-quality primer & powder coating
- 2 hydraulically adjustable blade wings

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-Snow Blade V-series

The Snow ADLER for next winter!

We equip the V-series with edge protections, anti-icing spring flaps (made of spring steel ø 10 mm) and high-quality, height-adjustable support wheels.

By the great variety of flexible hitch systems for communal tractors and yard loaders you can apply the V-series snow blades individually and in a number of ways in winter road maintenance. The integrated leveling system also ensures consistently effective clearance results.

If your carrier-vehicle does not have a second double-acting hydraulic control circuit, you can make the desired swivel adjustments of your snow blade by means of an electric switch valve, which is available on option.

Accessories:

- Reinforced, heavy-duty wheels
- Electric switch valve for swivel operation
- Side marker lights, LED, 12/24 V with reflective strips, left/right
- Holders for warning flags
- Warning flags, made of flexible and rounded material
- Customised colour as per RAL colour chart (standard: RAL 2002)
- Comfort control system: At the push of a button, you can adjust – in straight position - the wings from right/left to Y or V shape.

ADLER-Vario-Snow Blade V-series		135	150	180	210	240	270	300	330
Clearance widths in V, Y and diagonal position (at 30° angled position)	cm	121	129	155	190	215	235	258	289
Blade height outside/inside	mm	550/650	550/650	550/650	750/900	750/900	750/900	750/900	750/900
Wheels	Ø/mm	180 x 50	180 x 50	180 x 50	200 x 80	200 x 80	200 x 80	200 x 80	200 x 80
Weight (without mount)	kg	185	190	200	353	389	412	465	511



V-series attached to yard loader



Also available in working widths from 135 cm up to 330 cm



Electric switch valve with overload protection provided by two pressure relief valves and nitrogen bubble



Universal attachment with leveling system and parking stand







All possible clearance configurations in V, Y and diagonal position

DEVELOPED & PRODUCED IN GERMANY

ADLER ARBEITSMASCHINEN

Breaking the ice!

Salt Spreader ST-E

- **120 or 200 litre volume**
- **12-volt operation**
- **Smartphone control via Bluetooth, no laying of control cable required**
- **With agitator and intelligent anti-blockage control as standard**
- **Spreading width of up to 6 m**
- **Rotational speed and dosage regulated via smartphone as standard**
- **Several universal attachment systems**
- **Completely made of stainless steel**
- **Specially manufactured PE salt tank**

Cable is history!
Featured as standard:
Including smartphone for control via Bluetooth

Profile
ADLER-Salt Spreader ST-E

Safety for winter roads!

The ST-E salt spreader is equipped with a 120 or 200 litre plastic storage reservoir and a sturdy stainless steel frame. The tank is equipped as standard with an additional gear drive agitator, a water-tight hinged lid and a leak-free drain plug. Rotational speed and spread rate can be conveniently controlled from the driver's seat. The ST-E Salt Spreader is also fitted with a powerful 12 volt geared motor for the spreader plate. The working width is continuously adjustable from 1 to 6 m.

Attachment systems:

- Universal attachment system for forklifts, trucks and yard and wheel loaders height adjustable and features tilt function
- Kat. I/II three-point hitch
- Hitch triangle
- Pick-up / dropside mounting
- Scharmüller / Rockinger hitch

Accessories:

- Parking rack
- Speed-dependent, GPS-based quantity control
- LED lighting set, 12 V, as per traffic regulations

ADLER-Salt Spreader		ST-E 120	ST-E 200
Tank capacity	Litres	120	200
Speed adjustment		Variable	Variable
Spreader plate motor		Geared motor with splash water protection	
Separate agitator (fitted as standard)		Driven by geared motor	Driven by geared motor
Casing		V2A/V4A stainless steel, 2.5 mm	V2A/V4A stainless steel, 2.5 mm
Weight without mount	kg	48	56
Area performance	m^2	e.g. 60,000 m2 per hour 10 km/h	

Featured as standard:
Rotational speed & spread rate controlled from the driver's cab.



Salt spreader attached to a yard/wheel loader


Universal attachment, hinged


Salt Spreader with side panel support



Rotational speed and spread rate can be conveniently adjusted from the driver's cab via smartphone



Work more efficiently with ADLER:
Clearing snow and spreading salt in a single step


Developed by ADLER, the beater and agitator system prevents bridging in the road grit

Smartly connected ...

SmartBox

- Easy control of all implements via Bluetooth – also possible for products of other manufacturers
- Uncomfortable cables are no longer in your way!
- Saving of costs and time, because the laying of control cables is omitted
- Plug & Play, the ADLER-App is pre-installed on the smartphone

Suitable for controlling products of other manufacturers!

DEVELOPED & PRODUCED IN GERMANY



Profile
ADLER-SmartBox

Now in the App Store

Laden im App Store · JETZT BEI Google Play

The ADLER SmartBox enables convenient control of electrical functions on attachments via Bluetooth connection.

Both ADLER machines and those from other manufacturers can be controlled via your smartphone. With the SmartBox, control cables no longer need to be laid. This prevents damage and saves cabling time. Only the 12-volt supply cable to the SmartBox is required.

The corresponding app can be installed free of charge on any smartphone and up to four consumers can be programmed and connected by SmartBox without any problems. The requirements can be customised as switches, push-buttons or with a timer function. It is also possible to combine several SmartBoxes.

Accessories:

- Smartphone



Output 1:	Output 2:	Output 3:	Output 4:	Input 1:
e.g. Light	Water	Electric switch valve, left	Electric switch valve, right	12 V



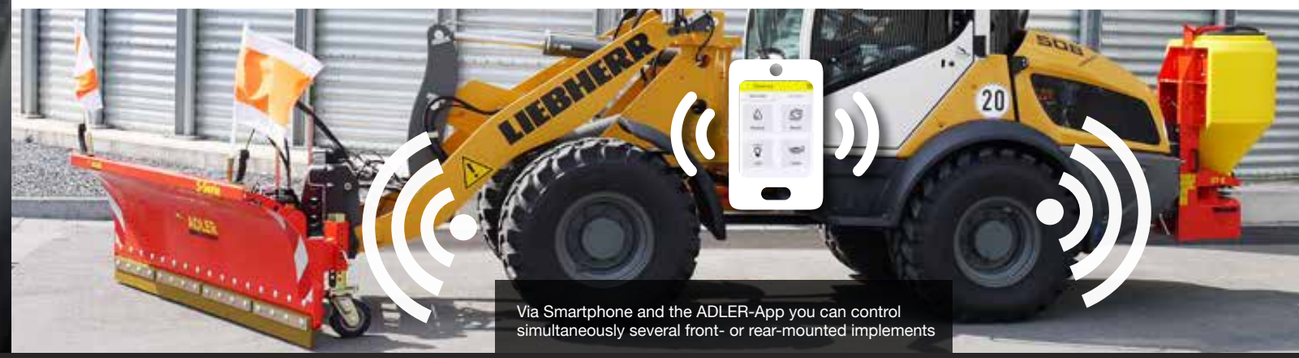
Easy control of all implements via Bluetooth, also possible for products of other brands



Startup screen of Smartphone control



Freely programmable switch, feeler or timer



Via Smartphone and the ADLER-App you can control simultaneously several front- or rear-mounted implements

DEVELOPED & PRODUCED IN GERMANY

ADLER ARBEITSMASCHINEN

Scraping-mad

Weed Brush Attachment **W-series**

Optional with radio remote control



100% without chemistry

Profile
ADLER-Weed Brush Attachment W-series

- High-performance, hydraulically driven weed brush with brush 800 mm in diameter
- Universal attachment for all standard carrier vehicles
- Available as a basic or professional machine with many hydraulic functions and radio remote control
- Perfect for clearing large areas of weeds quickly
- Required hydraulic pressure & volume 160 bar / > 25 l/min

Accessories:

- Hydraulically adjustable swivel range
- Hydraulically adjustable longitudinal and lateral inclination
- 8-channel radio remote control 12 or 24 volts for fully hydraulic use of weed brush
- Height adjustable support wheel 200 mm x 80 mm
- ¾" Flow-control valve for hydraulic flow rates > 75 l/min.
- Various brush attachments

Equipment variants:

based on the hydraulic connections available on the carrier vehicle

1 x double-acting (snap-in function recommended)	1 x double-acting + electric switch valve 12 V	2 x double-acting	4 x double-acting or 1 x double-acting with radio remote control
			
-			
-	-	-	
-	-	-	





Mechanical or hydraulic swivel arm for treatment of large surfaces





Radio remote operation for convenient control in the cab



Heavy brush head with protective side guard



Universal attachment with lateral pivoting



Hydraulically adjustable grade and transverse slope, on option also mechanical adjustment possible

ADLER-Heater –

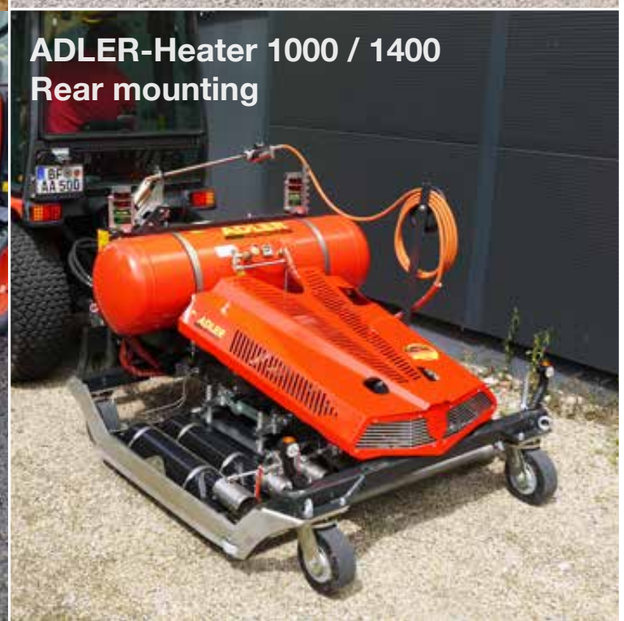
Don't give weeds a chance!


ADLER-Heater Flexi 350 / 500


Damage to weeds visible after only 1 to 2 days.


ADLER-Heater 500 / 750 E


ADLER-Heater 1000 / 1400
Front mounting


ADLER-Heater 1000 / 1400
Rear mounting

What is thermal weed control?

Thermal weed control methods can be used on practically all surfaces and always work according to the same principle. The application of thermal energy to the surface of the plants destroys the cell structure of the vegetative firber. The water which is transported from the root to the leaf cells evaporates and makes the plant dry up after a short time already. Furthermore, proteins are denatured whereby vital processes such as photosynthesis are being interrupted. As a result the damaged plant material dies.



Infrared radiation produced by the approx. 1000-°C ceramic infrared emitter destroys the cell structure and protein of the surface of the plant and reduces the germination capacity of existing seeds. Damage to weeds are recognizable after only 1-2 days.

The temperature required to achieve this damaging effect is only approx. 60 - 70 °C.

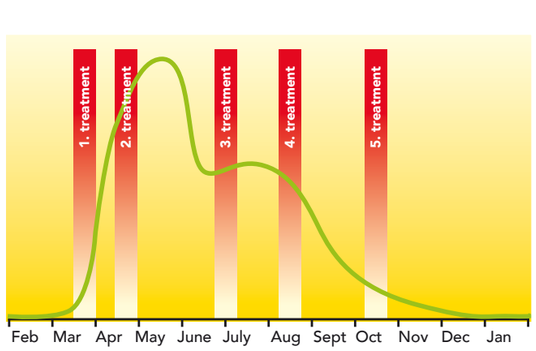
Repeated treatment continuously weakens the root system, making it difficult to generate new growth. The plant dies as a result.

This method is therefore particularly effective for young plants and annual weeds. Long-term successful control of root herb-spreading depends on the regular repetition of treatment. How often this procedure must be repeated depends on the individual requirements of the user.

DEVELOPED & PRODUCED IN GERMANY

Effect on seeds:

When exposed to direct heat, the seeds lose their germination capacity or are even stimulated to germinate. When treated promptly, fresh weed growth can therefore be sustainably controlled.



Example of growth patterns of grasses and possible treatment periods. Actual treatment intervals depend heavily on the type of weed, vegetation and the surface to be treated.

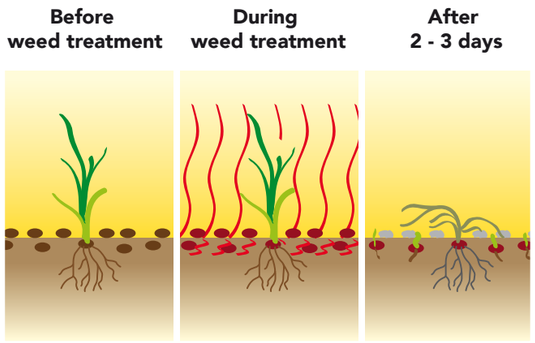


Diagram of ADLER Heater process steps

The ADLER Heaters use sophisticated infrared technology and offer a number of advantages compared to other methods.

- Clear restriction of operating area
- No noise exposure
- Low gas consumption
- Extremely short set-up times

DEVELOPED & PRODUCED IN GERMANY

ADLER® ARBEITSMASCHINEN

ADLER-Heater
Flexi 350 / 500

Now with large steerable support wheel as standard

ADLER infrared technology

100% without chemistry

Profile
ADLER-Heater Flexi 350 / 500

- Clear limitation of operating area
- Plug & Play: Connect gas cylinder, light and get going
- Flexible use in tight spaces (traffic islands, bus stops, etc.) thanks to single-axle design and swivel-mounted burner
- Compact dimensions for ease of transport
- Practically noiseless operation
- Large steerable support wheel

Accessories:

- Hand-held burner for difficult-to-access spots
- POM roller for space-saving folding of the heater

Technical specifications:

ADLER-Heater		Flexi 350	Flexi 500
Working width	mm	350	500
Dimensions in operating position	mm	L 1.500 x W 352 x H 800 - 1.300	L 1.500 x W 536 x H 800 - 1.300
Dimensions in transport position	mm	L 869 x W 352 x H 610	L 845 x W 536 x H 495
Number of infrared emitters		2	3
Ignition		electrical	electrical
Weight (without gas cylinder)	kg	43	51
Thermal output	kW	13	19,5
Infrared emitter fuel		11 kg- / 5 kg-propane gas cylinder	11 kg- / 5 kg-propane gas cylinder
Gas consumption	kg/h	approx. 1,1	approx. 1,6
Capacity per gas cylinder	h	about 10 / about 4,5	about 7 / about 4,5
Working speed	km/h	1,0 - 1,5	1,0 - 1,5
Area performance	m^2/h	up to 525	up to 800



The front wheel ensures that the infrared emitter is positioned at the optimum working height



With large steerable support wheel for difficult terrain





By tilting the emitter to the right or left, even edges can be easily treated



The ADLER-Heater Flexi in working widths 350 mm and 500 mm



The Flexi folds quickly and its compact design makes it fit in almost any boot



The hand-held burner allows treatment of even difficult-to-access terrain

DEVELOPED & PRODUCED IN GERMANY

ADLER ARBEITSMASCHINEN

ADLER-Heater
500 / 750 E



ADLER infrared technology

100% without chemistry

Profile
ADLER-Heater 500 / 750 E

- Silent, thermal weed control using infrared light and electric drive
- Low gas consumption and low CO_2 emissions
- No sweeping action and no damage to the ground
- Suitable for water-bound pathways and surfaces

Accessories:

- Hand-held burner for difficult-to-access spots

Technical specifications:

ADLER-Heater		500 E	750 E
Working width	mm	500	750
Basic device dimensions	mm	L 1.495 x W 532 x H 829	L 1.495 x W 703 x H 829
Number of infrared emitters		3	4
Weight (without gas cylinder or hand-held burner)	kg	108	128
Ignition		electrical	electrical
Drive		electrical	electrical
Battery power supply	Ah	17	17
Battery capacity	h	2 - 5	2 - 4
Infrared emitter fuel		11 kg-propane gas cylinder	11 kg-propane gas cylinder
Gas consumption	kg/h	up to 2.3 (without hand-held burner)	up to 3.0 (without hand-held burner)
Capacity per gas cylinder	h	app. 5	app. 3,5
Working speed	km/h	up to 2	up to 2
Noise exposure	dB	< 40	< 40
Area performance per hour	m^2	up to 1.000	up to 1.500
Overall cost/m including - 4-year depreciation - 5 hours/day - 100 days/year	€/m^2	0,02	0,02



Hand-held burner for difficult-to-reach corners and edges



Large drive wheels and differential transmission ensure optimum manoeuvrability and effortless work



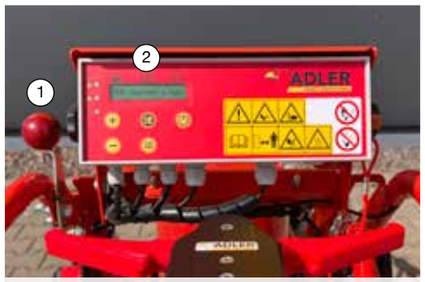
Infrared radiation without naked flame



Height adjustable infra box to adapt to road, path and surface conditions



1) Emergency stop with safety rope for drive stop
2) Hose holder for the hand torch
3) Coupling lifter for (drive / engine brake / freewheel)
4) Battery compartment



1) Ignition lever
2) Control terminal for speed control, burner monitoring and battery display



Driving lever for 1) forward and 2) backwards

DEVELOPED & PRODUCED IN GERMANY

ADLER ARBEITSMASCHINEN

ADLER-Heater
1000 Light



Profile
ADLER-Heater 1000 Light

- For thermal processing of large areas
- Lightweight design, ideally suited for carrier vehicles with little lifting power
- Rear carrier with LPG gas tank – also suitable for transport on loading platforms
- With radio remote control as standard

Accessories:

- Hand torch for hard accessible corners and edges
- Side shift

Technical specifications:

ADLER-Heater		1000 Light
Working width	mm	1.000
Dimensions (without mount)	mm	L 1.350 x W 1.150
Number of infrared emitters		6
Radiated surface	mm	L 740 x W 1.039
Weight (without gas or mount)	kg	about 265
Ignition		Electric via radio remote control
Required connectors		12 volt (1 x attachment device)
Infrared emitter fuel		LPG autogas or propane
Gas consumption	kg/h l/h	about 6 about 12
Coverage per gas filling		approx. 8 working hours (120 l gas tank)
Working speed	km/h	2 - 3
Noise exposure (without vehicle)	dB	< 40
Area performance per hour	m^2	2.000 - 3.000
Overall cost - Including 4-year depreciation € - 5 hours/day - 100 days/year	€/m^2	0,01



Optimal weight distribution



Indicator for height adjustment and signal lamps for infra box operating control



Radio remote control with suction bracket and emergency-stop button

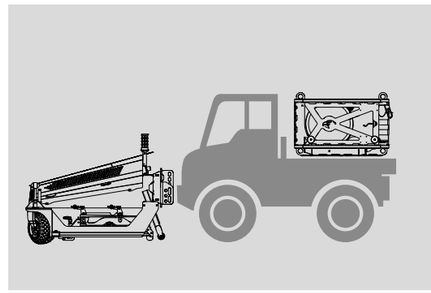




Hydraulic side shift



Rear tank carrier for 80 l and 120 l gas tanks



Gas tank direct mounting on carrier vehicle

DEVELOPED & PRODUCED IN GERMANY

ADLER ARBEITSMASCHINEN

ADLER-Heater 1000 / 1400

ADLER infrared technology

100% without chemistry

Profile
ADLER-Heater 1000 / 1400

- For the thermal processing of large surfaces
- Suitable for water-bound pathways and surfaces
- Equipped with radio remote control as standard
- ADLER plug & play:
  1. Easy to attach to many carrier vehicles
  2. Connect to 12-volt supply
  3. Start via radio remote control and get going

Accessories:

- Hand-held burner for difficult-to-reach corners and edges
- Hose reel for the hand torch for the extension to a 15 m hose

Technical specifications:

ADLER-Heater		1000	1400
Working width	mm	1.000	1.400
Dimensions (without mount)	mm	L 1.600 x W 1.127	L 1.600 x W 1.462
Number of infrared emitters		6	8
Radiated surface	mm	L 740 x W 1.039	L 740 x W 1.381
Weight (without gas or mount)	kg	about 300	about 410
Ignition		Electric via radio remote control	
Connections required	Electrical	12 volt (1 x attachment device)	
	Hydraulic	1 x double-acting (for hydr. side shift)	
Infrared emitter fuel		LPG autogas	
Gas consumption	kg/h l/h	about 6 about 14	about 8 about 18
Reach per gas filling		approx. 8 working hours (120 l gas tank)	approx. 8 working hours (150 l gas tank)
Working speed	km/h	2 - 3	
Noise exposure (without vehicle)	dB	< 40	
Area performance per hour	m^2	2.000 - 3.000	2.800 - 4.200
Overall cost including - 4-year depreciation € - 5 hours/day - 100 days/year	€/m^2	0,01	0,01



Indicator for height adjustment and signal lamps for infra box operating control



Use in front and in rear operation possible



Available on option:
Hand-held burner kit incl. 15 m-hose reel



Radio remote control with suction bracket and emergency-stop button



With stainless steel metal fibre radiators



Side fill inlet for LPG autogas



Hydraulic side shift 20 cm to the left and right

ADLER ARBEITSMASCHINEN

Mount options **for your ADLER**

Attachment plate DIN EN 15432-1, size 3 or 5, for front mounting, incl. hydr. cylinder and leveling system for an optimum adaptation to the ground contours

DEVELOPED & PRODUCED IN GERMANY



Wheel loader hitch with roller guide system and 3D leveling



Combined wheel loader/forklift attachment incl. roller guide system and 3D leveling



Unimog Attachment incl. lifting system size 3 or 5



Wheel loader hitch with roller guide system and 3D leveling

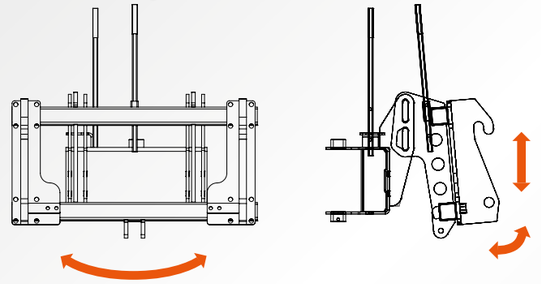


Three-point linkage, Kat. I/II

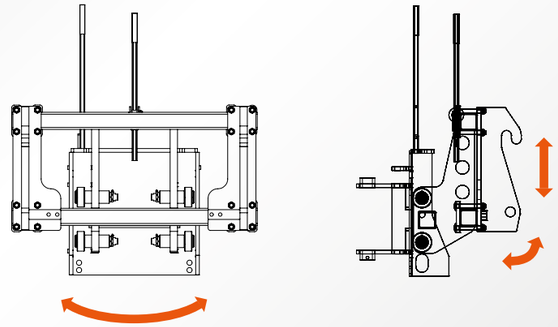


Communal triangle

Universal attachment incl. roller guide system and with 3D leveling:

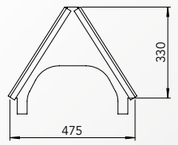


Heavy-type universal hitch incl. roller guide system – (heavy duty) and 3D leveling:

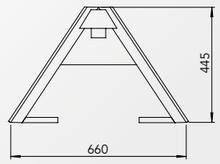


Hitch triangles:

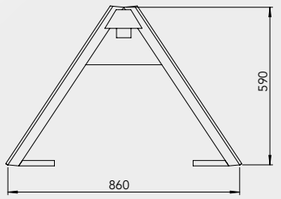
Municipal 3-point hitch
Square profile 40 mm



Kat. 0 3-point hitch
Square profile 60 mm



Kat. I-III 3-point hitch
Square profile 60 mm



The ADLER-Drill Rig Range:

Ideal for

Well drilling
Geothermal drilling
Geological explorations
Explosive ordnance detection
Probe drilling
and Screw foundations!

Suitable for trailers, approved up to 3.5 t Approved for use up to B 50

Transpo-tation on lorry required starting from series B 50

Can pass through doorways

DEVELOPED & PRODUCED IN GERMANY



B 25

Kubota-Engine: 25 HP
Retraction force: 12 kN
Weight: from 1,6 t

down to 50 m!



B 50

Deutz-Engine: 50 HP
Retraction force: 23 kN
Weight: from 2,7 t

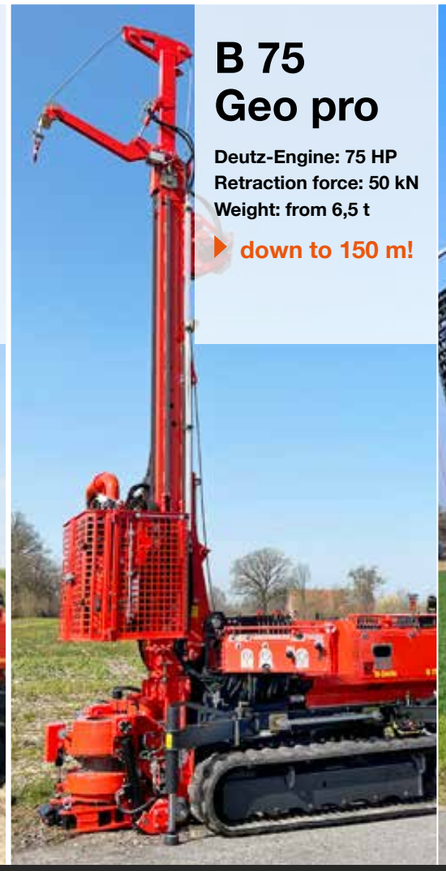
down to 100 m!



B 75 pro

Deutz-Engine: 75 HP
Retraction force: 50 kN
Weight: from 3,9 t

down to 150 m!



B 75 Geo pro

Deutz-Engine: 75 HP
Retraction force: 50 kN
Weight: from 6,5 t

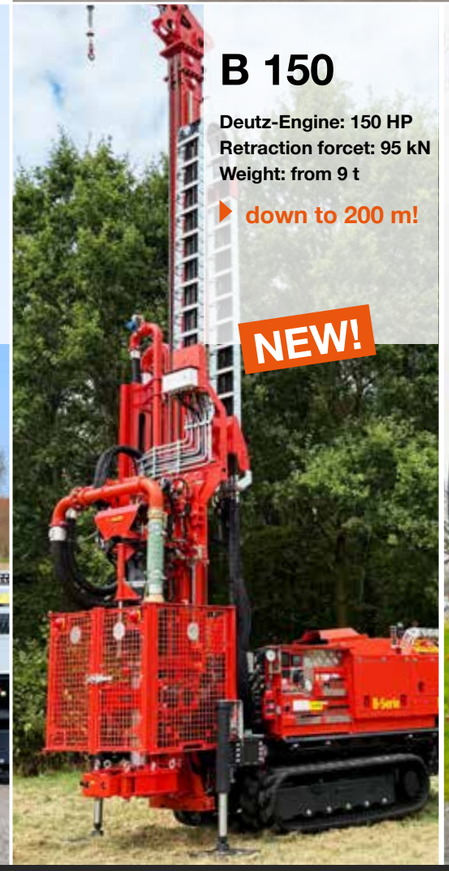
down to 150 m!



B 75 3D-Drill

Deutz-Engine: 75 HP
Retraction force: 23 kN
Weight: from 5,5 t

Universally Usable



B 150

Deutz-Engine: 150 HP
Retraction forcet: 95 kN
Weight: from 9 t

down to 200 m!

NEW!



B 200

Deutz-Engine: 200 HP
Retraction force: 122 kN
Weight: from 13 t

down to 250 m!



Attachment Drill Rig

ABL

For excavators from 2 t to 30 t We also manufacture in compliance with your wishes!

Find out more about our programme:
www.adler-arbeitsmaschinen.de

SWEEPERS



AUGERS



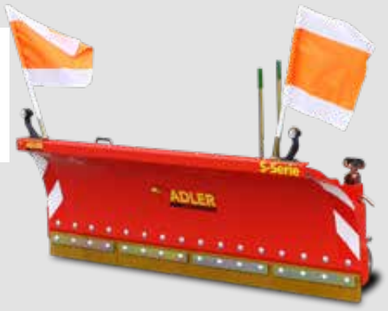
CONE SPLITTER



WEED BRUSH
FOR EXCAVATORS



SNOW BLADES



DRILL RIGS



MECHANICAL
WEED CONTROL



THERMAL
WEED CONTROL



SALT SPREADERS



CRAWLER UNDERCARRIAGES



SMARTBOX



DEVELOPED & PRODUCED IN GERMANY

ADLER®

ARBEITSMASCHINEN

PRODUCING QUALITY.

www.adler-arbeitsmaschinen.de



All information in this brochure is based on the best knowledge available to us and has been carefully checked. No liability is accepted.
2026/09 (EN) We reserve the right to modify dimensions, weight and technical data.

ADLER Arbeitsmaschinen GmbH & Co. KG
An den Bahngleisen 28 · 48356 Nordwalde · Germany
Tel.: +49 2573 97999-0 · Fax: +49 2573 97999-40
info@adler-arbeitsmaschinen.de