



ALIVA PRODUCT CATALOG

CONCRETE SPRAYING EQUIPMENT, SYSTEMS AND ACCESSORIES

aliva®

BUILDING TRUST



CONCRETE SPRAYING MACHINES AND SYSTEMS

From highly mechanized concrete spraying systems with high spraying output and large working radii to all-purpose rotor spraying machines, Aliva Equipment provides a complete line of machines for processing wet and dry mix for shotcrete.

Processes for spraying concrete

For spraying concrete we make a distinction between:

- Thin-stream process (rotary machines)
- Dense-stream process (piston pumps)



OVERALL PRODUCT CATALOG

Content

04	Aliva Equipment / Dealers
06	Innovative Technologies / Machine selection
08	Rotary machines
10	Concrete pumps / Liquid dosing units / Water booster pump / Spraying machines for refractory material
12	Manipulators
14	Concrete spraying nozzles
16	Modular shotcrete system
18	Systems for tunnel boring machines / Shotcrete system for vertical shafts
20	Mobile concrete spraying systems for mines
22	Aliva service and original spare and wear parts / Rental business

ALIVA EQUIPMENT

ALIVA EQUIPMENT: SPECIALIST IN MANUFACTURING SHOTCRETE MACHINES

Aliva Equipment is a subsidiary of SIKA, located in Widen, Switzerland. For more than half a century, Aliva Equipment has been active in the field of shotcrete as a specialist for designing and manufacturing rotor machines, concrete and dosing pumps, telescopic spraying arms and special construction systems for tunnel boring machines (TBMs).

Aliva Equipment is known for the outstanding quality and function of its concrete spraying machines and systems, which are sold and supported by over 70 representatives throughout the world. Aliva Equipment has also gained a leading position in the steel industry market in the area of refractory systems due to its technical expertise and customer-oriented solutions. Our global network of dealers and efficient order processing department allow us to serve our regional and world-wide customers quickly and reliably.

YOUR BENEFITS

- Engineering and manufacturing from a single source
- Competitive prices by optimizing skill areas and means of production
- Lower administration effort due to process-oriented organization
- Efficient supply chain network

ALIVA FACTORY IN WIDEN



SIKA SCHWEIZ AG
ALIVA EQUIPMENT
Bellikonerstrasse 218
8967 Widen, Switzerland

Phone +41 58 436 3222
Fax +41 58 436 4140
aliva.equipment@ch.sika.com

www.aliva-equipment.com



DEALERS

GLOBAL AND LOCAL PARTNERSHIP

We have built up a well-developed global network of dealers for our products. We maintain open and active lines of communication with our dealers and value constructive, customer-oriented relationships with suppliers and customers. Our dealers regularly receive training for our new machine technologies, making them skilled technical representatives for Aliva.

Put your trust in Sika's Aliva Equipment, too!



INNOVATIVE TECHNOLOGIES

ALIVA EQUIPMENT STANDS FOR INNOVATION AND NEW TECHNOLOGIES IN THE SEGMENT OF SHOTCRETE APPLICATIONS

Ever since its founding, **Aliva Equipment** has stood for innovation and the aspiration of offering customers the best possible equipment for shotcrete applications.

Aliva Equipment has substantially built up the market for rotor machines and the brand Aliva® has always been recognized as the world wide leader in quality and durability. One of the main features of the latest generation of rotor machines is that the same machine can be used for both wet and dry spraying! As a result, Aliva holds a unique position on the global market and is a one-of-a-kind technology leader for rotor machines.

Aliva Equipment has always developed and adapted its accessories to match its machines. This is evident in the introduction of the Aliva® Converto spraying device. Just as the Aliva®-257 and Aliva®-267 rotor machines can be used for wet and dry spraying, now customers can cover both applications with one spraying device. Contemplating how to design the spraying device more ergonomically and more effectively led to the all-around grip for better nozzle guidance and to the use of new materials. This also influenced the design's shape and color, which also led us to winning the renowned Red Dot Award for Product Design in the category of industry and crafts.

Aliva Equipment is always investing in the continued development of existing products and their applications in order to satisfy and remain faithful to the requirements of innovation and new, groundbreaking technologies in the future. **That is building trust.**



Aliva® Converto spraying device



reddot award 2014
honourable mention

PIONEERING FURTHER DEVELOPMENTS IN EQUIPMENT AND ACCESSORIES



Rubber and steel sealing plates

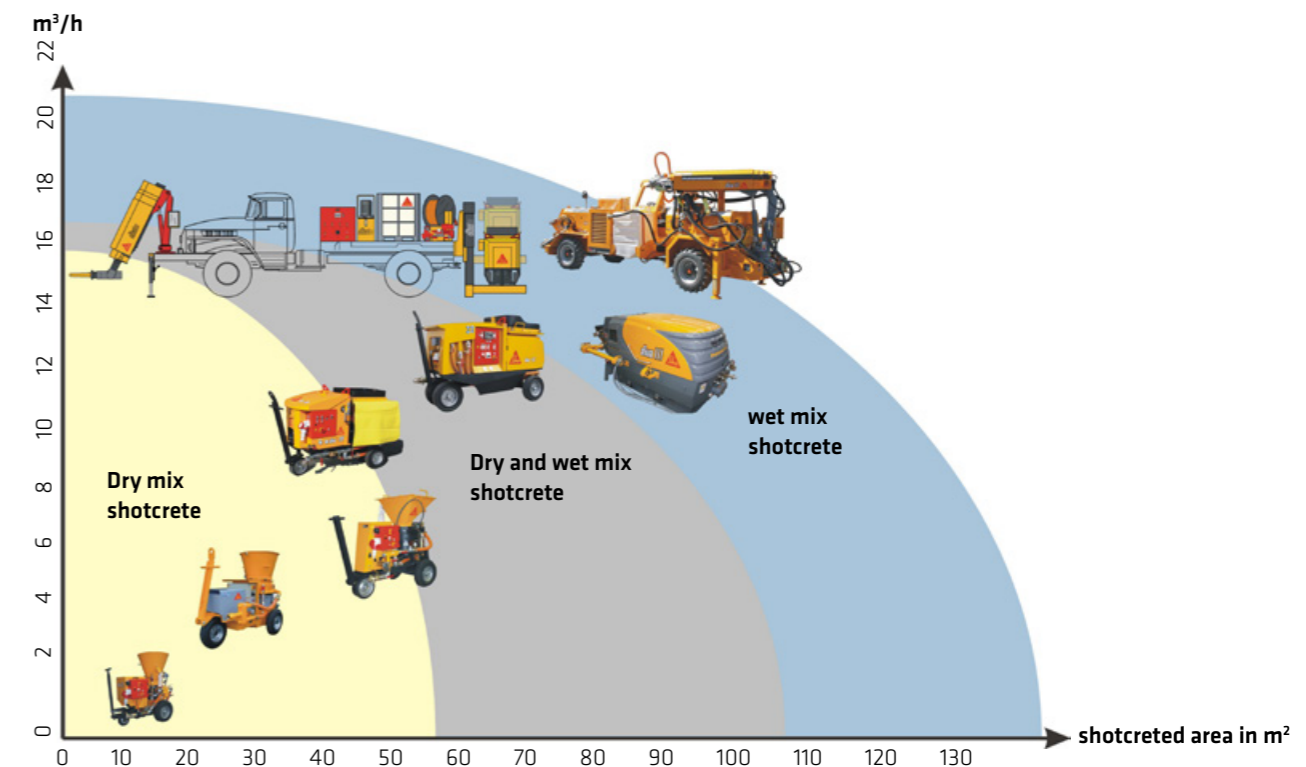


Aliva® Converto Repro DN25 (joint sealing)

MACHINE SELECTION

ALL FROM ONE HAND: ACCESSORIES, SHOTCRETE MACHINES AND MANIPULATORS

At Aliva Equipment you do not only find the ideal concrete spraying machine fitting your required output (m^3/h) and shotcreted area (m^2), but also the matching equipment and spraying concrete devices. Assemble your ideal shotcrete application!



ACCESSORIES:

- Liquid dosing units for additives Aliva® -403.3 / -403.6
- Concrete conveying hoses original Aliva quality
- Spraying device Aliva® Converto
- Remote control etc.

SHOTCRETE MANIPULATORS:

- Concrete spraying system Aliva® -503.3
- Telescopic spraying arm Aliva® -302.1
- Aliva® -101 Quick Connect Spray head

Ask our sales team for more information! Our in-house engineering department offers also customized machine design solutions, tailor-made to your special requirements. Learn more about our high quality products for your shotcrete applications.

ROTORY MACHINES

Aliva® -237 concrete spraying machine for dry mix

The small one.

DESCRIPTION

- All-purpose concrete spraying machine
- For small outputs
- Also available with 0.6 liter Rotor Repro for very small outputs used for small concrete refurbishments or for joint sealings

VARIANTS

- **STANDARD:** Electric drive
- **TOP:** Electric drive with output regulator
- **AIR:** Air motor drive



Machine type	Drive	Rotor sizes in liters	Output* in m³/h (STANDARD)	Output* in m³/h (TOP / AIR)	Max. grain sizes** in mm	Recommended hose sizes	Max. conveying distance in m horizontal/vertical***
STANDARD	Electric	0.6	0.35	0.2 - 0.45	4	DN 25	Dry: 200/100
TOP		0.7	0.4	0.2 - 0.5	4-6	DN 32	
		2.0	1.1	0.6 - 1.4	12	DN 38	
AIR	Air	3.6	2.0	1.1 - 2.5	12	DN 50 (DN 38)	
		5.6	3.5	1.7 - 4.0	16	DN 50	

* For a theoretical filling level of 100%. ** Recommended grain size: Max. 8 mm. *** Depends on various factors; Longer conveying distances are possible; Aliva suggests the use of steel pipes over 80 m conveying distance.

Aliva® -257 concrete spraying machine for dry and wet mix

The all-rounder.

DESCRIPTION

- Concrete spraying machine for small working spaces
- For medium outputs
- Optional available with rubber sealing plates for dry mix spraying
- All variants also available on skids

VARIANTS

- **TOP:** Electric drive with output regulator
- **AIR:** Air motor drive with output regulator



Machine type	Drive	Rotor sizes in liters	Output* in m³/h (TOP/AIR)	Max. grain sizes** in mm	Recommended hose sizes	Max. conveying distance in m horizontal/vertical***
TOP	Electric	2.5	0.7 - 2.0	12	DN 38	Dry: 300/100 Wet: 40/15
AIR		6	1.9 - 5.0	16	DN 50	
		Air	12	3.6 - 9.6	20	

* For a theoretical filling level of 100%. ** Recommended grain size: Max. 8 mm. *** Depends on various factors; Longer conveying distances are possible; Aliva suggests the use of steel pipes over 80 m conveying distance.

Aliva® -264 concrete spraying machine for dry and wet mix

The user-friendly.

DESCRIPTION

- User-friendly concrete spraying machine for use in excavation pits and for slope stabilization
- Recommended for dry mix and large output
- RLC (Rotor lifting crane): For easily replacing the gasket plates, optional
- Also available on skids

VARIANTS

- **BASIC:** HPO (Hopper power opener): With gas pressure spring as power assistance for easy hopper fold-down



Machine type	Drive	Rotor sizes in liters	Output* in m³/h		Max. grain sizes** in mm	Recommended hose sizes	Max. conveying distance in m horizontal/vertical***
BASIC	Electric	18.5	Speed 1	7.1	20	DN 65 (DN 60)	Dry: 300/100 Wet: 40/15
			Speed 2	10.7			

* For a theoretical filling level of 100%. ** Recommended grain size: Max. 8 mm. *** Depends on various factors; Longer conveying distances are possible; Aliva suggests the use of steel pipes over 80 m conveying distance.

Aliva® -267 concrete spraying machine for dry and wet mix

The Powerful.

DESCRIPTION

- Concrete spraying machine for use with Aliva -302.1 spraying arm or Aliva -503.3 mini concrete spraying system
- For large outputs
- Recommended for wet mix spraying
- Optional available with rubber sealing plates for dry mix spraying
- All variants also available on skids

VARIANTS

- **STANDARD:** 1-step electric drive
- **ADVANCED:** 2-step electric drive
- **ADVANCED PLUS:** 2-step electric drive with liquid dosing unit
- **TOP PLUS:** Infinitely variable electric drive with liquid dosing unit



Machine type	Drive	Rotor sizes in liters	Output* in m³/h	Max. grain sizes** in mm	Recommended hose sizes	Max. conveying distance in m horizontal/vertical***
STANDARD	Electric (1-step)	15.5	9.0	20	DN 65 (DN 60)	Dry: 300/100 Wet: 40/15
ADVANCED		26.5	16.0			
	ADVANCED PLUS	15.5	Speed 1: 6.0 Speed 2: 9.0			
TOP PLUS		26.5	Speed 1: 10.0 Speed 2: 16.0			
	ADVANCED PLUS	Electric (2-step)	15.5			
26.5			Speed 1: 10.0 Speed 2: 16.0			
TOP PLUS	Electric (infinitely variable)	15.5	4.0 - 21.0			
		26.5	8.0 - 21.0			

* For a theoretical filling level of 100%. ** Recommended grain size: Max. 8 mm. *** Depends on various factors; Longer conveying distances are possible; Aliva suggests the use of steel pipes over 80 m conveying distance.

CONCRETE PUMPS LIQUID DOSING UNITS

Sika®-PM 702 concrete spraying pump for wet mix

The reliable piston pump for concrete spraying.



DESCRIPTION

- Compact double-piston pump
- For medium outputs
- Low pulsation
- Integrated liquid dosing unit Aliva®-403.6

VARIANTS

- **DRIVE: ELECTRIC / DIESEL**
both can be synchronized with liquid dosing unit
- **PARTICLE FILTER**
available with or without
- **ON TRAILER OR WITH SKID FRAME**
- **ADMIXTURE TANK**
available with or without



Machine type	Process	Drive	Output* in m³/h	Max. grain sizes in mm	Recommended hose sizes
ELECTRIC	Wet (dense-stream process)	Electric/Diesel	4.0-20.0	16	DN 65
DIESEL					

*For a theoretical filling level of 100%.

Aliva®-403.3 und Aliva® -403.6 liquid dosing unit

The very simple liquid dosing unit: Aliva® -403.3



DESCRIPTION

- Liquid dosing unit for additives
- For small to medium outputs

VARIANTS

- **MANUAL:** Infinitely variable electric drive



Machine type	Drive	Output in liters/h	Max. pump pressure in bar	AC- pump hose
MANUAL	Electric	24-240	7	DN 19

The liquid dosing unit for larger outputs and high requirements: Aliva® -403.6



DESCRIPTION

- Liquid dosing unit for additives

VARIANTS

- **MANUAL:** Infinitely variable electric drive
- **SYNCHRO:** Infinitely variable electric drive, can be synchronized with concrete spraying machine (upright unit, without wheels)
- **AIR:** Infinitely variable air motor, adjustable (upright unit, without wheels)



Machine type	Drive	Output in liters/h	Max. pump pressure in bar	AC- pump hose
MANUAL	Electric	30-700	10	DN 19
SYNCHRO				
AIR				

WATER BOOSTER PUMP SPRAYING MACHINES FOR REFRACTORY MATERIAL

Aliva® -225.1 water booster pump

Booster pump for increasing the pressure in the water line when dry spraying.



DESCRIPTION

- In order to ensure the damping of the dry mix material we recommend to use our Aliva -225.1 booster pump when the water pressure is below 6 bar (reduction of rebound and dust)



Drive	Tensions*	Drive capacity	Max. pressure	Max. Output
Electric	400V 50 Hz	1.1 kW	10 bar	80 liters/min
	440V 60 Hz			
	220V 50 Hz			

* Other tensions on request.

Aliva® spraying machines for refractory gunning

For use in the steel industry, foundries, power plants and cement plants.



DESCRIPTION

- Spraying systems for repair of refractory materials like refractory lining of converters, electric arc furnaces, ladles, submerged nozzles, etc.

PRODUCTS

- Aliva- 237 /-257 rotor machines
- Aliva -621 conveying pressure vessel
- Aliva -571/ -572 RH-degassing nozzle liners
- Aliva -555 gunning unit
- Aliva -591 slinging machine
- Spraying nozzle Aliva Converto Refractory made of steel

Aliva® -237



Aliva® -555, converter gunning unit (shooter)

MANIPULATORS

Aliva® -503.3 mini concrete spraying system

Compact, flexible and efficient concrete spraying system.

DESCRIPTION

- Uniquely reinforced concrete spraying system on tracked carrier with hydraulic outriggers
- Ideal in mines and even in very narrow tunnels or shafts and in excavation pits

VARIANTS

- **Additional outriggers**
2 additional side outriggers (hydraulic) for up to 200° spraying angle
- **Light package**
working head lights, driving head lights and flashing light
- **Radio control**



Machine type	Drive	Weight in kg	Output* in m³/h	Spraying arm Aliva -302.1	Spraying coverage area in m	Remote control
DIESEL	<ul style="list-style-type: none"> ■ Vehicle Diesel ■ Spraying arm electric or air driven 	2'500	depending on the conveyor system (rotor machine or concrete pump)	Telescopic spraying arm (3 m hub) with hydraulic unit and control cabinet	2-8	electric (15 m cable) optional: radio control

* For spraying you need an additional rotor machine or a concrete pump.

Aliva® -302.1 telescopic spraying arm

Robust telescopic spraying arm for the easy attachment on carriers.

DESCRIPTION

- Spraying arm for small to medium tunnels
- Fast mounting on many different carriers

VARIANTS

- **ELECTRIC:**
Electric hydraulic unit
Remote control electric
- **AIR:**
Hydraulic unit with air motor
Remote control electric (with battery)



Machine type	Drive	Output* in m³/h	Spraying coverage area in m	Remote control
ELECTRIC	Electric	depending on the conveyor system (rotor machine or concrete pump)	2-8	electric (15 m cable) optional: radio control
AIR	Air			

* For spraying you need an additional rotor machine or a concrete pump.

Aliva® -101 Quick Connect spray head

The independent system solution for concrete spraying use mounted on an excavator with quick coupler system.



APPLICATION

- Excavation pits
- Slope stabilization
- Rock stabilization
- Concrete repair
- Crosscuts
- Tunnel construction
- Mines
- For dry and wet spraying

DESCRIPTION

- Designed for the quick and easy attachment via quick coupler system on the excavator
- Mechanically connected with an adapter plate on the quick coupler system of the excavator
- Hydraulic and electric connection with excavator



Weight in kg	Dimensions in mm	Hydraulic	Variants Electric	Output* in m³/h	Hose diameter	Remote control
210	Length: 1'111 Width: 350	min. 210 bar max. 350 bar min. 15 l/min. max. 140l/min. connections: P / T = 1"	12 V DC / 5A 24 V DC / 5A	depending on the conveyor system (rotor machine or concrete pump)	max. DN 65	electric (15 m cable) optional: radio control

* For spraying you need an additional rotor machine or a concrete pump.

CONCRETE SPRAYING NOZZLES

Aliva® Converto spraying devices

For manually wet and dry mix spraying.



DESCRIPTION

- Quick, easy and multifunctional in use
- Suitable for the thin-stream process
- Innovative water ring system in the thin-stream process for quickly changing from wet to dry mix spraying

VARIANTS

- Converto spraying device / spraying system
- Converto BackInlet
- Converto ReproFlex
- Converto Repro
- Converto Refractory



THIN STREAM SPRAYING NOZZLES



Converto spraying system
(Available as spraying device without conveyor hose)



Converto BackInlet
For pre-wetting and better mixing



Converto ReproFlex
For renovations and building protections



Converto Repro
Ideal for joint sealing

INNOVATIVE WATER RING SYSTEM



Yellow water ring: Dry spraying
Red water ring: Wet spraying

DENSE STREAM SPRAYING NOZZLES

DESCRIPTION

- Quick, easy and multifunctional in use
- Suitable for the dense-stream process

VARIANTS

- Converto Spraying system
- Converto BackInlet



Converto spraying system
For fastly reacting accelerators



Converto BackInlet
For slowly reacting accelerators

Aliva® Converto RoboSpray spraying devices

For dry and wet mix spraying with a manipulator.



DESCRIPTION

- Quick, easy and multifunctional in use
- Suitable for the thin-stream process
- For dry or wet mix spraying with a manipulator and an Aliva rotor machine
- Innovative water ring system with very robust materials

VARIANTS

- Water rings for dry and wet spraying
- Optimised anti-kink spring and nozzle holder
- Robust parts and easy cleaning
- Suitable for Aliva-302.1, Aliva-503.3 and all other common manipulators
- Conveyor hose sizes: DN 50/60/65



THIN STREAM SPRAYING NOZZLES



INNOVATIVE WATER RING SYSTEM



Yellow water ring : Dry spraying
Red water ring: Wet spraying

DENSE STREAM SPRAYING NOZZLES

DESCRIPTION

- Quick, easy and multifunctional in use
- Suitable for dense stream process
- Wet spraying with Aliva double-piston concrete pump

VARIANTS

- Optimised current transformer made of highly wear-resistant, tempered steel
- Optimised anti-kink spring and nozzle holder
- Converto current transformer housing
- Suitable for Aliva-302.1, Aliva-503.3, SPM-407, SPM-4210 and SPM-500 and for all other common manipulators
- Concrete pump hose size: DN 65



MODULAR CONCRETE SPRAYING SYSTEM

Aliva components for modular set up

Complete solution including concrete pump and accelerator dosing for a wide variety of carrier vehicles. You obtain optimum spraying results using the Aliva® -302.1 spraying arm and the Converto RoboSpray spraying device. As alternative and totally independent system solution for the set up in slope stabilizations or in medium tunnels.



1 Converto RoboSpray

High user-friendliness and specially designed for easily changing from wet to dry spraying.

2 Outrigger

Hydraulic or manually.

3 Aliva -302.1

The Aliva spraying arm can be used for a 2-8 m spraying range and for wet or dry shotcrete. Easily mounts onto almost any carrier vehicle.

4 Control cabinet

For easy and centrally controlling the Aliva spraying equipment.

5 Hydraulic unit

Features its own hydraulic unit for Aliva -302.1 spraying arm, lifting fork and support. Standard motor with 7.5 kW or in accordance with customer request.

6 Additive tank

Highly efficient Sika additives and fibers for all typical shotcrete applications.

7 Cable reel

8 Hose reel

Spring-loaded for automatically rolling in and out the hose to clean with high pressure.

9 Machine lifting device

For lowering and lifting Aliva concrete spraying machines until max. load 1600 kg. Ideal mounting system for different carriers.

10 Aliva -403.3

The Aliva dosing unit with a simple control system for adding liquid additives for wet and dry spraying. The flow rate of the pump is between 24-240 liters/hour.

11 Aliva -403.6

The Aliva dosing unit with a simple control system for adding liquid additives for wet and dry spraying. The flow rate of the pump is between 24-240 liters/hour.

12 Aliva -257 or Aliva -267

Aliva -257: Aliva's mid-sized, electric or air-powered rotor machine for flow rates of 0.7-9.6 m³/hour. It can be used for wet or dry spraying applications.

Aliva -267: Aliva's largest and all-purpose concrete spraying machine for flow rates of 4-21 m³/hour (variant Top Plus) lends itself to a variety of applications: Tunnel construction, mining areas, rock stabilization, etc.

13 Sika -PM 702

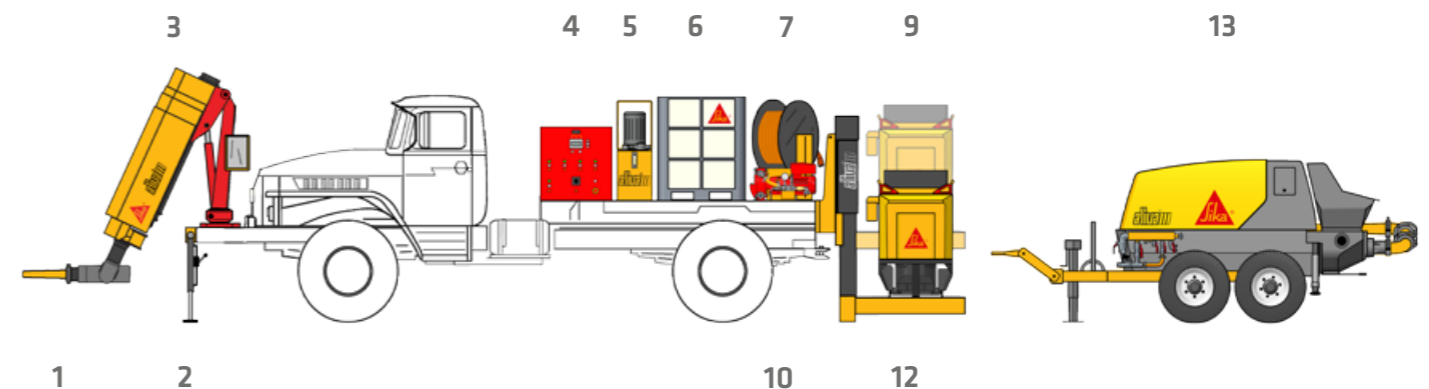
The powerful and easy-to-use double-piston concrete pump for wet spraying using the densestream process. Available for outputs of 4-20 m³/hour and as an electric or diesel-powered version.

14 Compressor / Generator

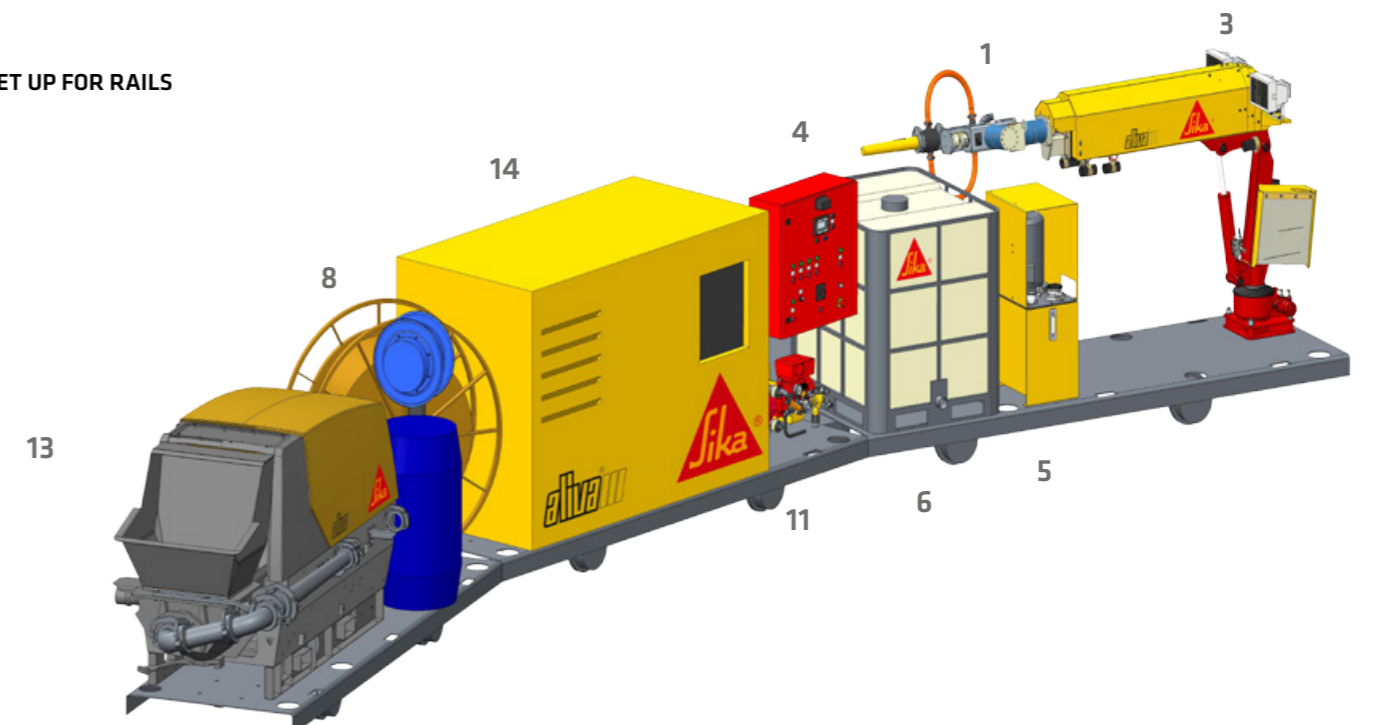
System-integrated air compressor for an efficient air supply and generator.

EXAMPLES

SET UP ON TRUCK CARRIER



SET UP FOR RAILS



SYSTEMS FOR TUNNEL BORING MACHINES (TBM)

Aliva® systems for TBM

Innovative and customized solutions for tunnel boring machines (TBM).



SYSTEM VARIANTS

Shotcrete:

- Ring mechanism
- Bridge system (8m)
- Telescopic spraying arm (2, 3 und 4m)
- Concrete pump SPM -702
- Liquid dosing unit Aliva®-403.6
- Additive tank
- Control cabinet
- Spraying device /-head
- Remote control (cable/radio)
- Output up to 21 m³/h*

* for a theoretical filling level of 100%

Pea Gravel Backfilling:

- Rotary machine Aliva® -257 or 267BF
- Backfilling lances
- Conveying systems
- Level sensors
- Control cabinet
- Pea Gravel bins
- Conveyor belts
- Innovative PLC system (for connecting with TBM control desk)
- Output up to 16 m³/h*



Spraying robot with telescopic spraying arm
(This photo shows the set-up on a steel help construction)



Pea gravel backfilling installation on TBM



Spraying robot bridge-type system

EXPERTISE COMBINED WITH INNOVATION

Customized solutions, job-specific and customer-specific machines as well as flexible manufacturing on short notice provide a significant contribution to facilitating the financially feasible construction of tunnels. The development of such machines is supported by the combination of machine technology and concrete technology as well as highly qualified and experienced designers, engineers and development teams. Their many years of extensive experience and constant engagement with innovative technologies form the backbone of our development team's expertise, which is needed for implementing their projects in a user-friendly way.

SHOTCRETE SYSTEM FOR VERTICAL SHAFTS

Aliva® shotcrete system for vertical shafts

Customized solutions for robotic shotcrete applications in vertical shafts.



DESCRIPTION

- For vertical shaft construction in conventional shaft-sinking process or raise-boring process
- Suitable for thin- or dense stream process
- Shaft diameter: 5.5 - 9.5 m
- Spraying coverage area 3 m (hub)
- Dimensions 730 x 1150 mm
Height: 6 - 8 m



Shotcrete application 3m hub, 360° spraying angle

VARIANTS / OPTIONS

- Optional with integrated equipment for concrete conveying
- Positioning outside or in the shaft center
- Additional rotary drives for nozzle positioning



Safe position in the galloway during blasting



Nozzle maintenance during shotcrete application

MOBILE CONCRETE SPRAYING SYSTEMS FOR MINES

SPM 4210 R with Aliva -267 rotary machine for dry and wet mix

The SPM 4210 R is the right equipment for concrete spraying in underground locations and ideal and also unique for mechanized dry and wet mix shotcreting in mining.



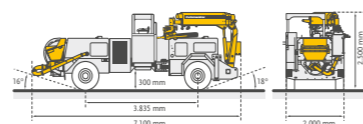
ADVANTAGES:

- Maximum flexibility
- Spraying arm with reach of 10 m
- Wireless proportional remote control for easy handling of the arm movements, regulation of concrete flow and adjustment of additive dosage
- Heavy-duty chassis with state-of-the-art axles

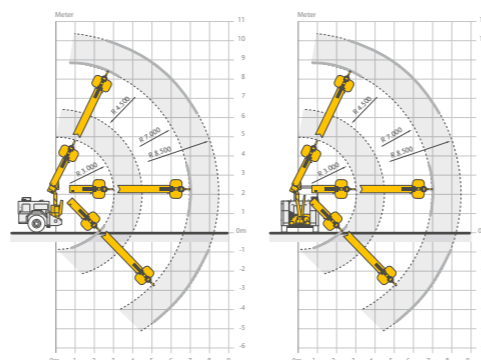


Specifications and Performances	SPM 4210 R
Dimensions	
Length	7'230 mm
Width	2'000 mm
Height	2'500 mm
Turning radius outer / inner	6'650 mm / 3'950 mm
Spraying arm	
Max. spraying reach vertical / horizontal	10 m / 8 m
Min. section vertical / horizontal	2.5 m / 3.3 m
Aliva Rotary Machine (Aliva -264 / 267)	
Drive	electric
Theoretical output	9 - 21 m ³ /h *
Rotor sizes	15.5 - 26.5 liters
Max. grain sizes	10 - 20 mm
Additive pump - synchronized with concrete pump	
Adjustment range	60 - 500 liters / h
Additive tank	400 liters
Vehicle	
Chassis	off-road, articulated
Engine	Turbo Diesel, 4 cylinders, 54.7 kW
Max. speed	20 km / h
Climbing ability	35%

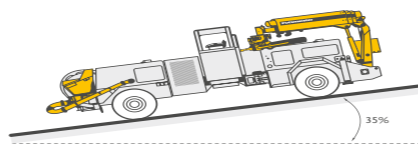
* For a theoretical filling level of 100%



Dimensions



Spraying arm reach diagrams



Maximum longitudinal gradient while driving

CEMKRET 8: Low-profile transporter for cement and dry mix

Cemkret 8: Compact, strong and versatile. The new low-profile transporter for mining, CEMKRET 8, has been designed and developed to transport cement and dry mix in mining operations.

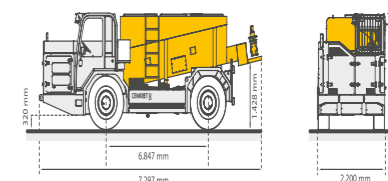


ADVANTAGES:

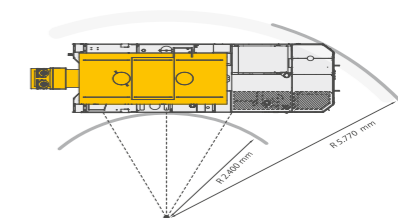
- Optimises the logistics of underground mining operations
- 6-cylinder engine for high climbing and driving power
- Full safety during down slope routes with automatic speed regulation system
- Best visibility due to rear night vision camera



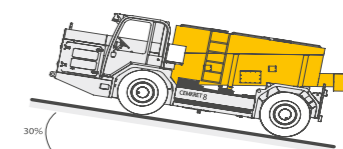
Specifications and Performances	CEMKRET 8
Dimensions	
Length	7'297 mm
Width	2'200 mm
Height	2'500 mm
Weight	9'200 kg (without load)
Turning radius outer / inner	5'770 mm / 2'400 mm
Concrete drum	
Capacity	8.25 t
Operation	hydraulic
Max. discharge	50 t / h
Speed	0.8 t / min
Diesel engine	
Type	Turbo diesel, 6 cylinders
Power	130 kW at 2.500 rpm
Transmission	
Type	hydrostatic with continuous variation (ICVD)
Drive	4 WD / 4 WS
Axles	
Typ	heavy-duty planetary
Front	fixed and directional
Rear	swing and directional
Performance	
Max. speed	20 km / h
Max. climbing ability	30%



Dimensions



Turning radius



Maximum longitudinal gradient while driving

ALIVA SERVICE AND ORIGINAL SPARE AND WEAR PARTS

Aliva® service

OUR SERVICE:

- Initial commissioning
- Maintenance work
- Repairs and overhauls
- Provision of rental machines and equipment
- Warranty claims and processing of complaints
- Instruction and training for machines
- General, technical support from experts
- 24/7 Hotline



Aliva® spare and wear parts

- Spare and wear parts inspected and tested for quality
- Wear-tested and pressure-tested conveyor hoses of Aliva quality
- Longer machine service life and increased safety for the machine operator
- Fast availability from the central warehouse in Widen, Switzerland



Get in contact with us and benefit from our high-quality spare and wear parts for your Aliva concrete spraying machine!

RENTAL BUSINESS

Aliva® rental machines

For Germany, Austria and Switzerland we offer wide range of rental machines. We serve other countries upon request. Please contact us.

SERVICES

- Flexibility in your projects and machine applications
- Continuously updated rental park with Aliva's range of machines
- Optimally maintained machines
- Option to rent-purchase

MACHINE TYPES

- Rotor machines
- Liquid dosing units
- SPM-500, Aliva-503.3, SPM-702, SPM-4210
- Aliva Converto spraying devices
- Aliva -101 Quick Connect spray head
- Hoses and consumables



Aliva® -237



Aliva® -257



Aliva® -267



Aliva® -101



Aliva® -264



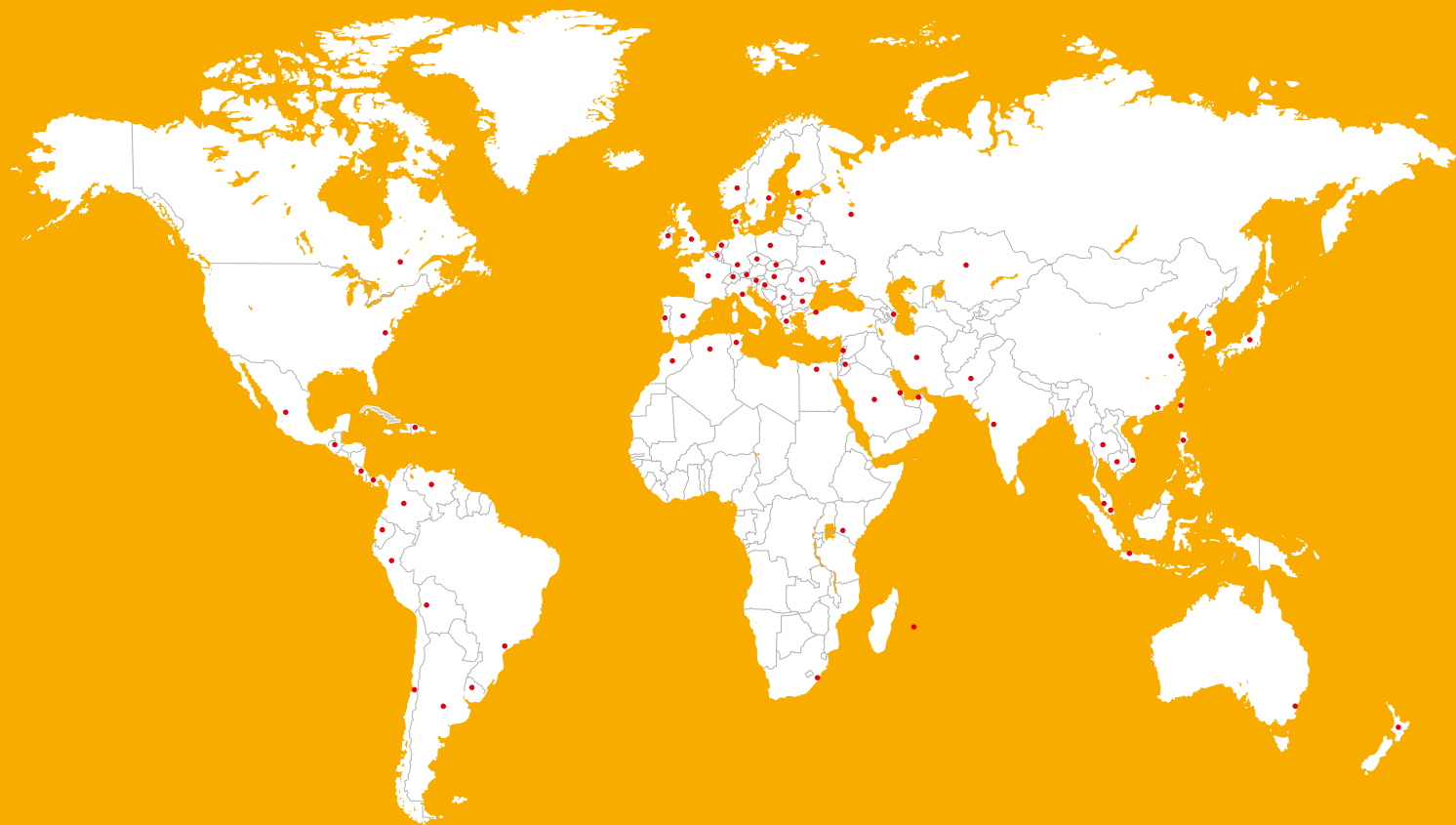
SPM -4210



Aliva® -503.3



GLOBAL AND LOCAL PARTNERSHIP



FOR MORE INFORMATION ON ALIVA EQUIPMENT:



ABOUT US

Aliva Equipment is a subsidiary of SIKA, located in Widen, Switzerland. For more than half a century, Aliva Equipment has been active in the field of shotcrete as a specialist for designing and manufacturing rotor machines, concrete and dosing pumps, telescopic spraying arms and special construction systems for tunnel boring machines (TBMs). Aliva Equipment is known for the outstanding quality and function of its concrete spraying machines and systems, which are sold and supported by over 70 representatives throughout the world. Aliva Equipment has also gained a leading position in the steel industry market in the area of refractory systems due to its technical expertise and customer-oriented solutions. Our global network of dealers and efficient order processing department allow us to serve our regional and world-wide customers quickly and reliable.

Prior to use or processing, always consult the current product data sheet of the products used. The current version of our respective General Terms and Conditions apply.

SALES AND SUPPORT

+41 58 436 32 22

CUSTOMER SERVICE - 24/7 HOTLINE

+41 58 436 33 33



SIKA SCHWEIZ AG

Aliva Equipment
Tüffenwies 16
CH-8048 Zürich
Switzerland

Contact

Phone +41 58 436 32 22
Fax +41 58 436 41 40
aliva.equipment@ch.sika.com
www.aliva-equipment.com



BUILDING TRUST

