



epoke[®]
GROUP



TRACTORS AND IMPLEMENT CARRIERS RANGE

for pavements and paths



- the safe way!

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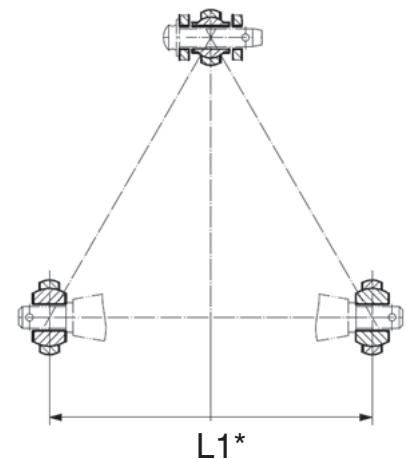
Spreading material

	Dry salt	Pre-wetted salt	Saline solution/liquid
Material properties and effect	Slow effect	Faster effect compared to dry salt	Faster effect compared to dry or pre-wetted salt
	Increased wind sensitivity	Effective at low temperatures	Effective at low temperatures
	Low run-through speed	Improved spreading profile Reduced wind sensitivity	
		Same level of service is maintained with reduced amount of salt	Reduced amount of salt means less environmental impact
		Reduced amount of salt means less environmental impact	Increased run-through speed
		Increased run-through speed	

Hitch categories

Hitch category	Tractor size, HP	L1*, m
Cat. 0	30 - 55	0.46
Cat. 1	47 - 65	0.683
Cat. 2	40 - 125	0.825
Cat. 3	80 - 250	0.965

*Inner distance between lifting arms



EpoMini



EpoMini 5

EpoMini is a series of small spreaders that are dependent of road speed. This means that the set amount per m² is independent of changes in speed. EpoMini is available for fitting on a carrying vehicle or can be used manually as an alternative to a shovel, and both types ensure efficient and uniform delivery of all forms of dry matter.

Epoke system
The well-known **Epoke system**, used in large machines, is also used here.



EpoMini 20

EpoMini		EpoMini 5	EpoMini 20
Spreading width	m	0.55	0.80
Hopper capacity	l	50	200
Total width	m	0.76	1.065

Drop Spreader 100-120 EL-H-MP

100 – 120 is one of our most popular drop spreaders. It can be fitted on mini tractors, compact tractors and mowers.

The spreader is either hydraulically or electrically powered. The simple design and strong wearing parts means the machine is economical to operate and maintenance-friendly.

The drop spreader is supplied without a hitch as standard. A hitch must be chosen that is suitable for carrying vehicles with Cat. 1/2 or a product-specific hitch must be chosen.



Drop Spreader		100EL	120EL	120 EL-MP	100H	120H	120H-MP
Spreading width	m	1	1.6	1.26	1	1.26	1.26
Hopper capacity	l	100	125	100	100	125	100
Total width	m	1.17	1.42	1.40	1.17	1.42	1.40
Deadweight*	kg	84	91	84	82	91	84
Hopper extension frame	l	50	62.5	-	50	62.5	-
Operational mode	-	Electrical (12 VDC)	Electrical (12 VDC)	Electrical (12 VDC)	Hydraulic	Hydraulic	Hydraulic
Minimum quantity oil	l/minute	-	-	-	8	15	15
Minimum oil pressure	bar	-	-	-	50	90	90
Lifting arm category	Cat.	1	1	1	1	1	1
Alternative category	Cat.	2	2	2	2	2	2

*Dependent on configuration

Drop Spreader 200-300 G/H

200 – 300 is a popular drop spreader for compact tractors. It is powered hydraulically or via the PTO. There are three possible user settings.

The simple design and strong wearing parts means the machine is economical to operate and maintenance-friendly. The machine works in all weather conditions and can meet the most stringent of requirements. If a minimum of salt is to be spread, the machine can be retrofitted with special cams, which results in a dosage amount of 10 g/m².

The drop spreaders are supplied with a 3-point hitch Cat. 0/1 as standard. Hitches can be purchased to provide different connections as required.



Drop Spreader		200G	300G	200H	300H
Spreading width	m	1	1.26	1	1.26
Hopper capacity	l	190	240	190	240
Total width	m	1.16	1.42	1.16	1.42
Deadweight*	kg	110	126	110	130
Hopper extension frame	l	115	145	115	145
Operational mode	-	PTO	PTO	Hydraulic	Hydraulic
Minimum oil amount	l/minute	-	-	18	18
Minimum oil pressure	bar	-	-	100	100
PTO	rpm	540	540	-	-
Lifting arm category	Cat.	0/1	0/1	0/1	0/1

*Dependent on configuration

ITM

ITM is a series of salt and sand spreaders that connect to a tow coupling on tractors and vehicles. They can also be connected to forklift trucks using a fitting. The spreader is therefore ideal for fast work on bicycle paths, footpaths, car parks and similar areas. The spreader is very easy to manoeuvre because of its low deadweight and low centre of gravity. The simple and robust design means extreme reliability and low maintenance costs.

ITM Series

The simple and robust design means extreme reliability and low maintenance costs.



ITM		ITM 35	ITM 45	ITM 60
Spreading width	m	0.78	1	1.5
Hopper capacity	l	350	450	600
Total width	m	1.15	1.435	1.885
Deadweight*	kg	145	192	220
Operational mode	-	Mechanical	Mechanical	Mechanical

*Dependent on configuration

SKE

The SKE series consists of simple and flexible drop spreaders, ideal for spreading salt and sand. The spreader is powered by a road wheel and as standard is equipped with an agitator, which ensures the even and finely distributed spreading material. The spreader can be connected to a tow coupling on tractors or small implement carriers. The simple and robust design means extreme reliability and low maintenance costs.

Sand spreading

Sand spreading requires two agitators.



SKE		SKE 8	SKE 15	SKE 20
Spreading width	m	1	1.4	1.92
Hopper capacity	l	750	1250	1650
Total width	m	1.285	1.665	2.195
Deadweight*	kg	400	600	720
Operational mode	-	Mechanical	Mechanical	Mechanical

*Dependent on configuration

TP1,5

The TP1,5 is a hitched path spreader (up to 65 HP) with the option for the delivery of all salt materials using a roller or spreading disc. TP1,5 is width and amount compensated and dependent of road speed, and it operates as standard

with EpoMini X1. The TP1,5 spreader is well-known for its simple and service-friendly design, which makes it easy to maintain and keeps operational costs low.



TP Series		TP1,5	TP3	TP9
Spreading width per disc	m	1-4	1.5-6	1.5-6
Hopper capacity	l	200	300	900
Total width	m	1.1	1.3	2.1
Deadweight*	kg	185	280	475
Hopper extension frame	l	100	100/200/300	300/600
Spreading width, roller	m	0.80	1.20	1.80
Pre-wetting	l	-	200	500
Operational mode	-	Hydraulic	Hydraulic/PTO	Hydraulic
Minimum quantity oil	l/minute	30	25	25
Minimum oil pressure	bar	120	160	160
Lifting arm category	Cat.	0/1	1/2	2/3

*Dependent on configuration

TP3

The TP3 (up to 75 HP tractors) is a hitched tractor spreader with the option for the delivery of all materials via a roller or spreading disc. TP3 is available with liquid tanks for spreading pre-wetted material. TP3 is width and amount compensated and dependent of road speed and operates as stand-

ard with EpoMini X1. The TP3 spreader is well-known for its simple and service-friendly design, which makes it easy to maintain and keeps operational costs low.

TP3 without pre-wetting can be supplied with PTO operation.



TP Series		TP1,5	TP3	TP9
Spreading width per disc	m	1-4	1.5-6	1.5-6
Hopper capacity	l	200	300	900
Total width	m	1.1	1.3	2.1
Deadweight*	kg	185	280	475
Hopper extension frame	l	100	100/200/300	300/600
Spreading width, roller	m	0.80	1.20	1.80
Pre-wetting	l	-	200	500
Operational mode	-	Hydraulic	Hydraulic/PTO	Hydraulic
Minimum quantity oil	l/minute	30	25	25
Minimum oil pressure	bar	120	160	160
Lifting arm category	Cat.	0/1	1/2	2/3

*Dependent on configuration

TP9

The TP9 (up to 200 HP tractors) is a hitched tractor spreader with the option for the delivery of all materials via a roller or spreading disc. TP9 is available with liquid tanks for spreading pre-wetted material. TP9 is width and amount compen-

sated and dependent of road speed and operates as standard with EpoMini X1. The TP9 spreader is well-known for its simple and service-friendly design, which makes it easy to maintain and keeps operational costs low.



TP Series		TP1,5	TP3	TP9
Spreading width per disc	m	1–4	1.5–6	1.5–6
Hopper capacity	l	200	300	900
Total width	m	1.1	1.3	2.1
Deadweight*	kg	185	280	475
Hopper extension frame	l	100	100/200/300	300/600
Spreading width, roller	m	0.80	1.20	1.80
Pre-wetting	l	-	200	500
Operational mode	-	Hydraulic	Hydraulic/PTO	Hydraulic
Minimum quantity oil	l/minute	30	25	25
Minimum oil pressure	bar	120	160	160
Lifting arm category	Cat.	0/1	1/2	2/3

*Dependent on configuration

IGLOO S2400



IGLOO 600 I

The IGLOO series consists of a number of belt spreaders that deliver all forms of dry matter and pre-wetted dry matter. IGLOO has a low centre of gravity, service-friendly design and is very reliable. The spreaders are designed for small carrying vehicles and tractors, and the range of different hopper sizes combined with hopper extension frames results in the best possible use of the carrying vehicle's load capacity.



IGLOO trailer 800 I



IGLOO trailer 1400 I

IGLOO S2400		600 L	Trailer 800 L	Trailer 1400 L
Spreading width	m	1.5–6	1.5–6	1.5–6
Hopper capacity	l	600	800	1400
Total width	m	1.52	1.54	1.95
Deadweight*	kg	255	385	550
Hopper extension frame	l	200	150/300	600
Pre-wetting	l	2 x 114	2 x 170	2 x 114 / 2 x 170
Operational mode	-	Hydraulic/Petrol engine/ Hub drive	Hydraulic/Petrol engine/ Hub drive	Hydraulic/Petrol engine
Minimum quantity oil	l/min	25	25	25
Minimum oil pressure	bar	125	125	125

*Dependent on configuration

IGLOO S2700

The IGLOO TRAILER S2700 is Epoke's integrated trailer and spreader solution. With a working width of 2 - 6 meters, the IGLOO TRAILER S2700 is well-suited for spreading sand and dry or pre-wetted salt on bicycle paths, smaller roads, and open areas. It comes in a wide range of hopper sizes and always includes appropriate liquid tanks that allow for 30% pre-wetting.

This IGLOO on a trailer is optimal for use in combination with one of Epoke's many advanced technological solutions such as EpoSat, EpoData, EpoTherm, etc. This combination ensures optimal spreading results every time, allowing the driver to comfortably focus on the traffic.



IGLOO S2700		Small	Medium	Large
Spreading width	m	2-6	2-6	2-6
Hopper capacity	l	600	800 - 1100	1400 - 2000
Total width	m	1.52	1.54	1.95
Deadweight*	kg	255	422 / 430	532 / 610
Pre-wetting	l	440 / 536	612 / 668	784 / 880
Operational mode	-	Hydraulic/Petrol engine/ Hub drive	Hydraulic/Petrol engine/ Hubdrive	Hydraulic/Petrol engine/ Hubdrive
Minimum quantity oil	l/min	25	25	25
Minimum oil pressure	bar	125	125	125

*Dependent on configuration

P170 - P260

This simple auger spreader for implement carriers, ensures even dosage of the material with even spreading as a result.

The spreader's excellent dosage characteristics make it ideal for salt, sand and gravel. The spreader corners are inclined to ensure that the carrying vehicle can be controlled in both outer positions.

An agitator can be purchased for spreading wet material.

The simple design and strong wearing parts means the machine is economical to operate and maintenance-friendly. The machine can work in all weather conditions.



P170-P260		P170	P260
Spreading width	m	1–6	1–6
Hopper capacity	l	170	260
Total width	m	0.905	1.135
Deadweight*	kg	132	190
Hopper extension frame	l	170	390
Operational mode	-	Hydraulic	Hydraulic
Minimum quantity oil	l/minute	20	20
Minimum oil pressure	bar	140	140

*Dependent on configuration

P225

This conveyor spreader for implement carriers is dependent of road speed and designed for the professional user with focus on the environment and budget.

The spreader is equipped with adjustable partitions, which ensures even loading on the conveyor and even dosage of the material – resulting in even spreading.

The spreader's excellent dosage characteristics make it ideal for salt, sand and gravel.

The funnel can be chosen in different lengths and can be raised during transport and emptying.

The simple design and strong wearing parts means the machine is economical to operate and maintenance-friendly.



P225		
Spreading width	m	1–6
Hopper capacity	l	225
Total width	m	0.90
Deadweight*	kg	170
Hopper extension frame	l	170 / 250
Operational mode	-	Hydraulic
Minimum quantity oil	l/minute	20
Minimum oil pressure	bar	150

*Dependent on configuration

VIRTUS MINI AST

VIRTUS MINI AST is a newly developed liquid spreader, the result of extensive experience and comprehensive design work.

It is powered either by connecting it to the vehicle hydraulics or by petrol engine.

VIRTUS MINI AST has a robust design, equipped with components made from synthetic materials. It has a spreader boom with protected positioning

and uses precise computer-controlled dosing. All of the mechanical parts are positioned behind the spreader, which makes the spreader easy to operate and service.

All of the spreader's functions are controlled via a remote control in the cab, and data collection using EpoTrack is also an option.



VIRTUS MINI AST		
Spreading width	m	1–5.75
Hopper capacity	l	750–4500
Spreading amount	ml/m ²	10–50 (in steps of 5 ml/m ²)

VIRTUS LIFT AST

VIRTUS LIFT AST is a liquid spreader, the result of extensive experience and comprehensive design work.

The liquid spreader is fitted using a three-point hitch or is fitted directly to a mini tractor and is easy to manoeuvre.

All of the spreader's functions are controlled via a remote control in the cab, and data collection using EpoTrack is also an option.

It is supplied with a spreading width of 1 m as standard. Using right and left side nozzles (optional), the spreading width can be increased to 3 m (1 m on each side).



VIRTUS LIFT AST		
Spreading width	m	1–3
Hopper capacity	l	700–1350
Spreading amount	ml/m ²	10–50 (in steps of 5 ml/m ²)
Lifting arm category	Cat.	2/3

VIRTUS BASIC

VIRTUS BASIC is a lightweight and compact liquid spreader, ideal for small areas, paths and pavements.

The liquid spreader is fully automatic and dependant of road speed and always applies the

desired quantity of liquid, even at varying speeds and widths.

The spreading of liquid ensures uniform, efficient and fast-acting distribution of the salt on the desired areas and is ideally suited for preventive measures.



VIRTUS BASIC		
Spreading width	m	1–3 (with side nozzles)
Hopper capacity	l	350
Spreading amount	ml/m ²	10–30
Lifting arm category	Cat.	0/1

MIXING SYSTEM

MINIMIX



MiniMix is a mixing tank that is ideal for the making of salt solutions for small liquid spreaders. MiniMix is equipped with an immersion pump and a filling hose and has a pumping capacity of 100 l/minute.

CITYMIX 2000 I

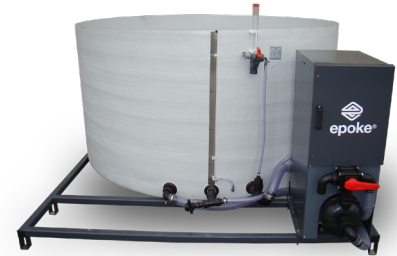


CityMix is a manual mixing system, for mixing 2000 l of salt solution.

CityMix has a ball valve for connecting water and the salt is added manually to the tank. The liquid pump has a three-way valve for mixing the liquid, pumping to the spreader and emptying.

The system has a mains supply connection and connects to a 3 x 380 V, 16 A power supply using a CEE plug.

CITYMIX 4000 I



CityMix 4000 is a user-friendly, compact and very robust mixing system.

It only takes 15 minutes to mix a 4000 l salt solution when vacuum salt is used.

CityMix 4000 I has an automatic stop function. For example, if you set the system to fill a maximum of 3000 l, it will stop automatically at this amount.

Mixing system		MiniMix	CityMix	CityMix 4000
Tank capacity	l	850	2000	4000
Deadweight*	kg	48	188	325
Height	m	0.90	1.53	1.20
Width	m	0.80	1.05	2.30
Length	m	1.2	2.26	-
		The mixing system is supplied with an instruction manual containing liquid tables, ensuring the correct salt solution is made.		

*Dependent on configuration

SNOWPLOUGH NGS 100

The NGS 100 is a large diagonal snowplough, designed for large tractors, construction equipment and trucks.

NGS 100 is made from strong materials and as standard is equipped with collision protection flaps, release springs and a strong reversible rubber blade.

NGS 100 is supplied with a 3-point Cat. 2 hitch as standard, and different replaceable hitches can be purchased to provide different connections as required. Custom solutions possible.

NGS 100 can be supplied with a snow guard for the tractor.



NGS 100		2810	3210
Maximum clearing width	m	2.85	3.2
Minimum clearing width	m	2.35	2.65
Blade height	m	1	1
Deadweight*	kg	560	600
Collision-protection flaps	qty.	8	9
Lifting arm category	Cat.	2	2
Alternative category	Cat.	3	3

*Dependent on configuration

SNOWPLOUGH NGS V100

The NGS V100 is a large Vario snowplough made from strong materials, designed for large tractors, construction equipment and trucks.

The blades can be individually set, but are typically used in a diagonal shape for the general clearing snow from roads. The Y-shape is used to

clear snow on public spaces and the V-shape is used to clear extra deep snow.

The snowplough has collision protection flaps, release springs, which are activated on impact, and have a powerful reversible rubber blade.



NGS V100		V2810	V3510
Maximum clearing width	m	2.9	3.6
Minimum clearing width	m	2.3	2.86
Blade height	m	1	1
Deadweight*	kg	680	740
Collision-protection flaps	qty.	8	10
Lifting arm category	Cat.	2	2
Alternative category	Cat.	3	3

*Dependent on configuration

NATIONAL SERVICE

National service

The Epoke service department provides a wide range of services, which ensures our customers get the maximum performance from their equipment.

The service department covers all situations, from planned servicing, urgent help with breakdowns, delivery of spare parts and wearing parts, training, to instruction in data collection and GPS-controlled spreading. It also has a hotline.

Service fleet

Our service technicians are located all across Denmark and this ensures that they can reach customers in the shortest possible time. Our fleet of service vehicles carry spare parts and are fully equipped with tools, including calibration tools, test equipment and hydraulic power units.

Spare parts and stock management

The Epoke spare parts warehouse stocks approximately 11,000 parts and components. Customers can order parts over the telephone, by e-mail, online or by personally calling at the warehouse. Orders for spare parts are shipped on the same day the orders are received.

Service and spare parts hotline 24/7

During the winter season, our spare parts warehouse and service technicians are on call 24 hours a day.

You can get technical help via the telephone or by a call out by one of our service technicians. Spare parts can be supplied in accordance with the customer's wishes.

Courses

Epoke holds various training courses, covering topics such as:

- Dealing with icy roads and paths in general
- Liquid spreaders
- Service training
- Hitched spreaders
- Driver/user-related topics
- Spreader profile optimisation
- Data collection and GPS-controlled spreading

We also hold customer-specific courses, where the course content, venue and type of course is organised to meet the customer's needs and preferences.

Website

Visit www.epoke.dk for

- Spare parts catalogues and user manuals for all current Epoke machines
- Online ordering of spare parts with stock status
- Electronic repair forms, which makes it easier to manage repairs



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Visit Epoke dealers



Epoke Group

We produced our first sand and salt spreader in 1955, and since then we have solely focused on the development, production and sale of machines and equipment for the treatment of icy roads. Today, we are a global leader. In Denmark, sales are carried out by our own sales staff, while abroad our subsidiaries and 31 dealers manage sales.

Learn more at www.epoke.dk

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