

OPTIMAL

For professional road maintenance





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Scan the code or visit trejon.se to watch the Trejon Optimal film.



Trejon – a family business

Trejon is a family business with long-term vision characterising operations. Everything to offer you – the user – a secure, cost-effective and simplified work day. We always put the customer at the centre. As our customer, you should know that Trejon equipment and machines have been made to last. Our commitment to the customer, together with fast service and spare parts supply makes your everyday life easier.



A good day. A Trejon day.

Trejon is a privately owned family business, run by Anna and Henrik, the third-generation of the Johansson family. The head office is located in Vännäsby just outside of the northern Swedish city of Umeå and Trejon are one of the leading suppliers of machinery for contractors, forestry work and agriculture through a wide group of retailers. Production of Trejon Optimal takes place in our own full-scale factory that has successively expanded and now employs around 60 people. The Trejon Multiforest forestry range is also manufactured on the same site.

Trejon has over 30 years of experience in choosing, manufacturing, delivering and servicing machines that have been designed to make your everyday easier. We know exactly what your work day needs for it to be as simple and successful as possible – so that every day will be a Trejon day.

Håkan Johansson unveiled one of the first snow blowers manufactured at the Vännäs site in Sweden back in the 1980s.



Trejon Optimal V-ploughs for effective snow clearing

Effective snow clearing

Trejon Optimal folding snow ploughs (VP and VPT series) are widely used by property owners, contractors and local authorities – all place high demands for flexibility, operational safety and low maintenance.

Trejon Optimal folding snow ploughs have five different operation configurations, making them highly practical for all types of snow clearing jobs. V-configuration, Y-configuration, right diagonal, left diagonal and horizontal like a grader blade. The Vario Ploughs have been optimised for when snow needs to be collected and removed, for example when clearing car parks, road junctions, pavements, smaller roads and more. Trejon Optimal folding snow ploughs can be mounted on bucket loaders, tractors and compact loaders.

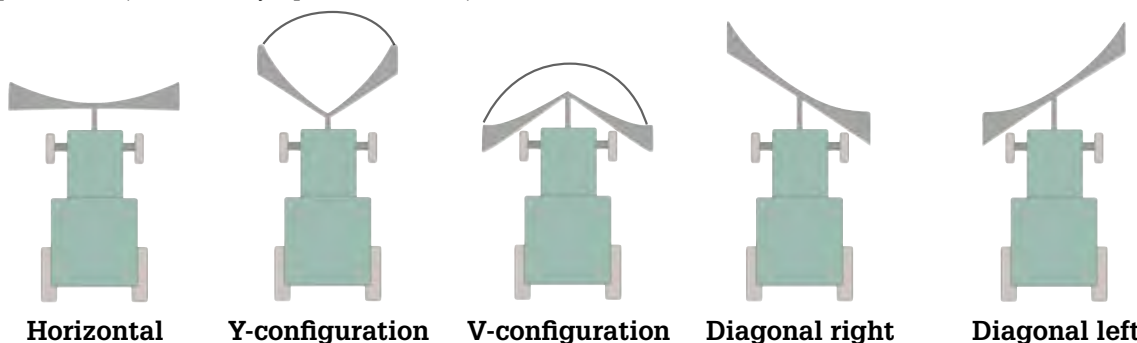
Made for daily use

One major advantage of the folding snow ploughs is that the cutting edges are spring loaded to cushion against impact. They fold back upon contact with a fixed object and reduce the stress against both plough and operator. Once the machine has driven over the object, the cutting edge returns to its normal position. The cutting edge is reversible for an extended lifetime. The wing design leads to low operating costs and excellent capacity for processing large quantities of snow.



Five different settings

The diversity of the Trejon Optimal folding snow plough is an advantage. The plough can be operated using five different settings, making it the perfect machine for all kinds of snow clearing. The plough can be used diagonally (horizontal, 30-35° left and right angled) and the pointed “V” configuration for conventional snow clearing. The “Y” configuration makes the plough perfect for pavements, car parks and other areas where snow needs to be collected and removed. The Trejon Optimal folding snow plough is an incredibly flexible machine that can be used over expansive areas (for example car parks, urban areas, road junctions) as well as compact areas (narrow alleys, pavements etc.).



Horizontal

Y-configuration

V-configuration

Diagonal right

Diagonal left

Technical specifications



VP150-210 has the same robust construction and details as the larger models, but it is lighter and designed especially for compact loaders or smaller loaders.

Technical specifications, VP models						
Model	VP150	VP180	VP210	VP240	VP280	VP320
Attachment	Option	Option	Option	Option	Option	Option
Height	86 cm	86 cm	86 cm	100 cm	102 cm	102 cm
Total width, horizontal	160 cm	186 cm	212 cm	258 cm	289 cm	329 cm
Total width, V-configuration	147 cm	173 cm	199 cm	224 cm	263 cm	296 cm
Weight	240 kg	250 kg	265 kg	470 kg	580 kg	660 kg
Operation	Hydraulic/ Electric	Hydraulic/ Electric	Hydraulic/ Electric	Hydraulic/ Electric	Hydraulic/ Electric	Hydraulic/ Electric
Control valve	Electric	Electric	Electric	Diagonal- Electric	Diagonal- Electric	Diagonal- Electric
Lighting	Option	Option	Option	Option	Option	Option
Blade angle	30°	30°	30°	35°	35°	35°

VP240 - VP320 are supplied with 12 V electric valve incl. cable, circuit breaker and two 1.5m ½" hydraulic hoses with ½" quick couplings (male + female). Contact us if you require 24 V and other quick couplings.

Technical data, VPT models				
Model	VPT280	VPT320	VPT360	VPT400
Attachment	Option	Option	Option	Option
Height	100 cm	100 cm	100 cm	100 cm
Total width, horizontal	293 cm	342 cm	371 cm	408 cm
Total width, V-configuration	252 cm	294 cm	319 cm	351 cm
Weight	860 kg	880 kg	910 kg	950 kg
Operation	Hydraulic/Electric	Hydraulic/Electric	Hydraulic/Electric	Hydraulic/Electric
Control valve	Diagonal	Diagonal	Diagonal	Diagonal
Lighting	Option	Option	Option	Option
Blade angle	30°	30°	30°	30°

VPT280 - VPT400 are supplied with 24 V electric valve incl. cable, circuit breaker and two 1.5m ½" hydraulic hoses with ½" quick couplings (male + female). Contact us if you require 12 V and other quick couplings. When choosing the 3-point hitch for the VPT models, the hydraulic top link (art. no. 6-351) is recommended.

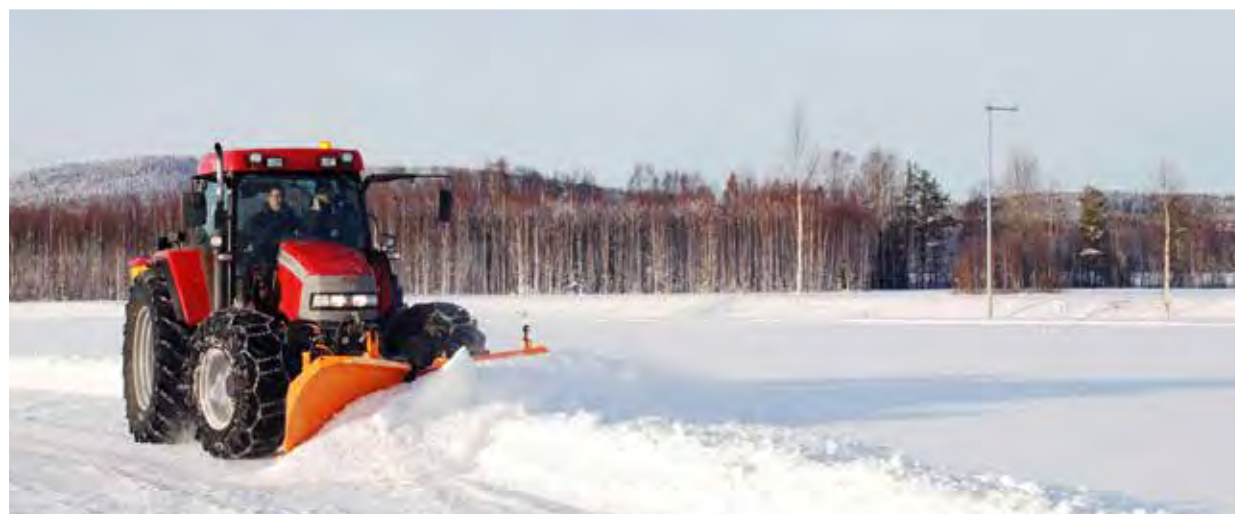
Options VP models	
440208	Attachment Trima/SMS, VP150-VP320.
440210	3-point hitch, VP150-VP210. Cat. I.
440209	3-point hitch, VP240-VP320. Cat. II.
440207	Attachment Euro, VP240-VP320.
440206	Attachment Volvo-BM, VP280-VP320
	Radio controlled operation of plough wings.
D15-24	24 V solenoid, VP240-VP320.
320182	LED lights.
6-351	Hydraulic top link, length 590-820 mm, VP240-VP320. Cat. II.
	Diagonal valve VP150-VP210.
	Rubber scraper blades. VP240-VP320.

More attachments and options can be found on trejon.se.

Options VPT models	
D15-12	12 V solenoid, VPT280-VPT400.
VPT101	3-point hitch, VPT280-VPT400. Cat. II.
VPT103	Attachment point Trima/SMS, VPT280-VPT400.
VPT104	Attachment welding device, VPT280-VPT400.
VPT105	3-point hitch/Volvo-BM combination, VPT280-VPT400
	Radio controlled operation of plough wings.
320182	LED lights.
6-351	Hydraulic top link, length 590-820 mm, VPT280-VPT400. Cat. II
320232	Support wheel VPT320-VPT400. Replaces support plate when factory ordered.
320240	Retrofitting support wheel, VPT320-VPT400.
	Rubber scraper blades. VPT280-VPT400

More attachments and options can be found on trejon.se.

Trejon Optimal VP



Depending on the type of machinery, two types of attachment are available for the VP model. Pivoted attachment or attachment with floating position. These create cleaner areas, reduce damage and guarantee even wear of the cutting edge.



VP240-320 comes with a diagonal valve as standard, making it possible to manoeuvre both wings quickly using a hydraulic socket. The valves have a built-in shock function. The function is operated from an electric control box in the tractor cab. Radio control is available as an option.



All VP ploughs come with Hardox® cutting edges secured with springs. Rubber is available as an option. Hardox® skid shoes are fitted as standard and the height can be adjusted in several ways.

▲ FEATURES

- ➔ Electric-operated valve for both left and right wings, only one double-acting hydraulic socket is needed.
- ➔ Standard with diagonal valve for operating both wings simultaneously (VP240-VP320).
- ➔ Hydraulic shock valves that open in the event of a collision with fixed obstacles are mounted on the ploughs equipped with diagonal valves.
- ➔ Shock valve is connected to a pressure accumulator that eliminates the need for a return line to the tank.
- ➔ The spring loaded cutting edge will retract if kerbs or other obstacles are hit.
- ➔ Adjustable cutting edge with rounded edges, the "pavement steel".
- ➔ Blasted and powder coated parts for best longevity.
- ➔ The wing design results in low operating costs and excellent capacity for processing large quantities of snow.
- ➔ Hardox® skid shoes and cutting blade included as standard.
- ➔ Connection frame with integrated floating position for wheel loaders and tractors available as an option.



Trejon Optimal folding snow ploughs are perfect for clearing snow from urban areas and car parks and other areas where the snow needs to be collected and removed.

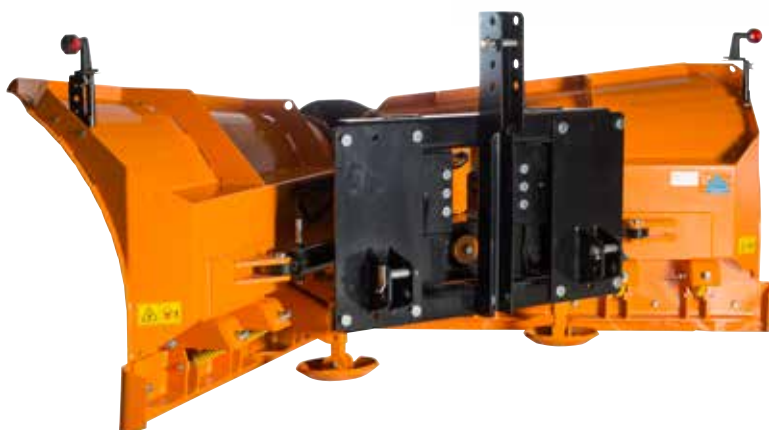
Developed for Scandinavian conditions

Trejon Optimal folding ploughs are developed and manufactured by Trejon and subject to high quality and delivery inspections. All ploughs have electric steering and models VP240 and up come with a diagonal valve as standard. This makes it possible to operate both wings simultaneously. For VP150-210 models, the diagonal valve can be ordered separately.



Radio controlled operation of plough wings available as an option.

VP320 model with generous height of the plough wings, powerful curvature and a 35° angle. LED lights are available as an option.



The cutting edge is rounded and this "pavement steel" reduces damage to the cutting edge, pavements or other obstacles.

Trejon Optimal VPT



The VPT model has been designed for wheel loaders and larger tractors for conducting heavy-duty work. Trejon Optimal VPT is equipped with FlexiMove™ tilt, for optimal ground-hugging.

FlexiMove™ enables vertical and horizontal pivoting. The tip of the plough is spring-loaded so pressure against the ground can be easily changed through forward tilting to apply firmer pressure. This decreases the risk for lateral movement and skidding, enables easier operation, higher speeds, lower fuel consumption and reduced wear of the cutting edge. Vibrations are reduced during operation and transport.

The VPT models with 3-point hitch should be used with a hydraulic top link to maximise the FlexiMove™ function. The plough is also equipped with a robust chain that restricts the tilt function when the plough is raised.

The VPT plough is equipped with diagonal valve to easily operate both wings simultaneously using a double-acting hydraulic socket. The plough's functions are easily operated from an electric control box in the cab. LED lights are available as option.



VPT models are equipped with positioning lights, Hardox® skid shoes and well protected cushioning for the cutting edge. This image shows the combined connection frame for 3-point hitch and Stora-BM. Other connection frames are available as an option.



Trejon Optimal VPT has been designed for wheel loaders and larger tractors.

The FlexiMove™ tilt function makes it easier for the plough to follow the ground's contours. Ground pressure can be easily adjusted using the tilt function.



Radio control available as an option.



Powerful continually adjustable wheels are available as an option.



Skid shoes can be adjusted manually. The spring loaded cutting edge retracts if kerbs or similar objects are hit.



A quick coupling system makes it easy to attach and detach the electrics and control box from your tractor or wheel loader.

Trejon Optimal U Ploughs



The most flexible solution for your road maintenance work

The entire plough can be angled ± 30 degrees. When combined with the powerful curvature of the wings, this enables the plough's diagonal function to successfully distribute the material. The wings can be angled continuously, up to $+90$ degrees for tasks such as moving large quantities of snow in front of the plough or -90 degrees to reduce size during transport. The plough can process large quantities of snow and the positive cutting angle of the cutting edge results in effective cutting and an even cleaner ploughing result. The plough's three hydraulic functions can be run with just one double-acting socket with the accompanying control box.



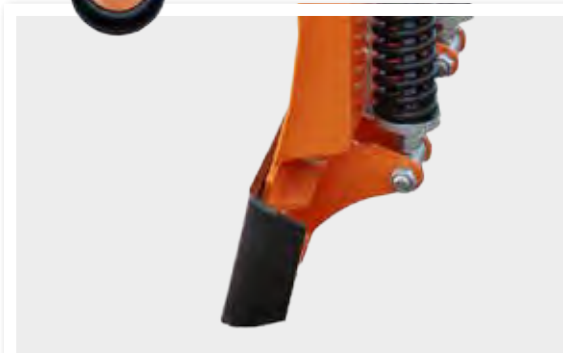
Thanks to the Trejon U Plough, it is possible to seamlessly work around obstacles such as lamp posts and car parks.



Radio controlled operation of plough wings available as an option.



The generous height of the plough enables more material to be moved and a reduction in snow spray.

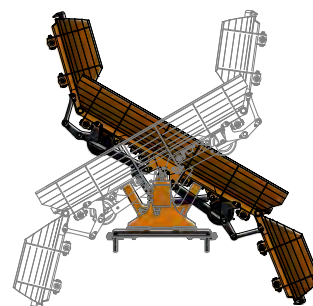
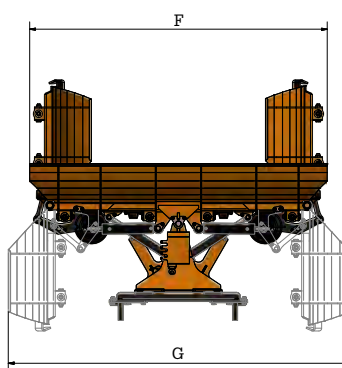
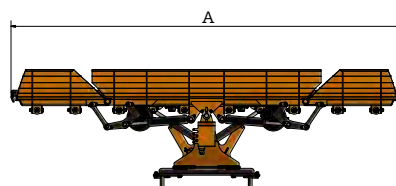
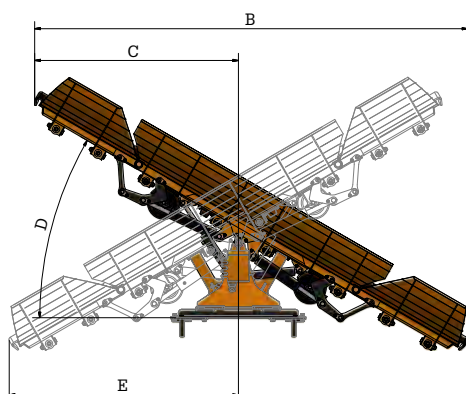


The U Plough can process large quantities of snow and the positive cutting angle of the cutting edge results in effective cutting and an even cleaner ploughing result.



The connection with built-in floating positions is available for different types of machinery.

Different positions and measurement specifications



Technical specifications

Model	UP370-185	UP440-245
Measurements A	373 cm	440 cm
Measurements B	328 cm	385 cm
Measurements C	156 cm	181 cm
Measurements D	± 30°	± 30°
Measurements E	172 cm	204 cm
Measurements F	201 cm	258 cm
Measurements G	201 cm	295 cm
Wing angle	180°	180°
Steering	Electric, 3 functions	Electric, 3 functions
Total hydraulic sockets	1 double-acting	1 double-acting
Weight	840 kg	1,115 kg
Attachment	Option	Option

Contact Trejon with any requests regarding other size models.

Option

440222	Attachment, 3-point floating position. Cat. II.
440219	Attachment, Euro floating position.
440220	Attachment Stora BM floating position, with 2 pcs. 24V solenoid.
440221	Attachment Trima/SMS floating position.
320182	LED lights
320322	Support wheel
	Radio controlled operation of plough wings.
	Rubber scraper blades.

FEATURES

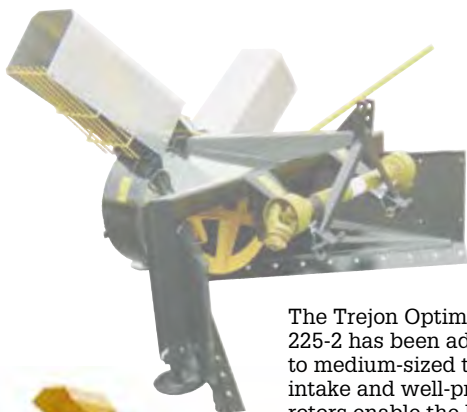
- ➔ The generous height of the plough enables more material to be moved and a reduction in snow spray.
- ➔ The wings can be rotated 180 degrees.
- ➔ Accumulator as standard.
- ➔ Robust construction for tough conditions.
- ➔ The positive 15 degree angle of the cutting edge enables effective cutting and even cleaner ploughing results.
- ➔ The connection with built-in floating positions is available for different types of machinery.
- ➔ Smooth, adjustable cutting edge as standard. Perforated and rubber blade available as options.
- ➔ All functions operated from the cab.
- ➔ Only one double-acting socket is needed to operate the plough's hydraulic functions.



Scan the code or visit trejon.se to watch the Trejon Optimal film.

Well-tested machines

Trejon Optimal snow blowers have effective intake and a generous ejection rotor that can tackle the majority of snowy conditions. Their powerful construction combined with sand blasting, powder coating and Hardox® steel details provide an incredibly robust machine. There are four three blower models with operating widths from 225 cm to 245 cm. Read more on trejon.se



The Trejon Optimal snow blower 225-2 has been adapted for small to medium-sized tractors. Effective intake and well-proportioned rotors enable the blower to tackle the majority of snowy conditions.



Trejon Optimal 235-HY for tough conditions, adapted for small and medium-sized tractors. The large five-winged rotor, pivoted aggressive input beaters and a wide discharge chute make this a machine with major capacity.

Technical specifications, snow blowers

Model	225-2	235-HY	245-P-HY
Operating width	225 cm	235 cm	245 cm
Weight	405 kg	525 kg	720 kg
Operational height	75 cm	75 cm	90 cm
Category 3-point	II	II	II
Capacity	10-15 m³/min	10-25 m³/min	10-30 m³/min
Power	35-85 hp	50-125 hp	75-175 hp
Ing. Ø PTO	1-3/8"	1-3/4"	1-3/4"
Rotor tot. dist wings	4 pcs	5 pcs	5 pcs
Type of input	Screw	Beaters, 4 pcs	Beaters, 6 pcs
Rotor	Ø68 cm	Ø75 cm	Ø80 cm
Hydraulic torque/flap	2 mech. shutters	Yes/Option	Yes/Yes

Trejon Optimal snow blowers are supplied with Walterscheid cardan shafts with shear bolt.



These **snow blowers** have been created especially for the increasingly popular compact 25-70 hp tractors. These models include a robust transmission with built-in rotation inverter. The models are suitable for front-mounting with 1,000 or 2,000 rpm, or alternatively rear mounting with 540 rpm.

Technical specifications, snow blowers

Model	SB151	SB151	SB191	SB191
Operating width	157 cm	157 cm	187 cm	187 cm
Weight	314 kg	314 kg	330 kg	330 kg
Height	63 cm	63 cm	63 cm	63 cm
Category 3-point	0 + 1	0 + 1	0 + 1	0 + 1
Capacity	6-8 m³/min	6-8 m³/min	6-10 m³/min	6-10 m³/min
Feeding screws	Ø34 cm	Ø34 cm	Ø34 cm	Ø34 cm
Power	25-60 hp	25-60 hp	30-70 hp	30-70 hp
Rotor	Ø45 cm	Ø45 cm	Ø45 cm	Ø45 cm
3-point towed mount, CW	-	-	-	-
3-point reverse mount, CW	540-1,000 rpm	540-1,000 rpm	540-1,000 rpm	540-1,000 rpm
Front mounting, CCW	1,000 rpm	2,000 rpm	1,000 rpm	2,000 rpm

Trejon Optimal snow blowers are supplied with a Walterscheid cardan shafts 1-3/8" z6 and 3-point hitch as standard. Weight stated includes 3-point hitch. CW = clockwise, CCW anti/counter clockwise

Options, snow blowers (models above)

433005	Adapter for discharge chute, 1 m extension for models 151 and 191.
5-471811	Hydraulic flap regulation incl. hoses for standard discharge, models 151 and 191.
473813	Extension wing 12,5 cm, right-hand side. Models 151 and 191
320215	Support wheel, models 151 and 191.

Different attachments can be found on trejon.se

Options, snow blowers (models to the left)

5-471811	Hydraulic flap regulation of the ejector incl. hoses for short chute for discharge (standard for 245-P-HY).
1-108	Extension wing 25 cm to 225-2.
1-108-2	Extension wing 25 cm to 235-HY, 245-P-HY. Right.
1-108-3	Extension wing 25 cm to 235-HY, 245-P-HY. Left.
30859-K	Support wheel for snow blower 245-2-HY, 245-P-HY, price/pair.

Mechanical snow blowers



All Trejon Optimal snow blowers are powerful and reliable in all snowy conditions. Thanks to our two-step principle the blowers can also be used in heavy and demanding snow clearance work. The feeding screws with knife operation effectively crush ice and packed snow. The snow is then fed further using the turbine-formed rotor to finally eject the snow through the sturdy and powerful discharge chute.

The mechanical 2000-2450 models have been designed for medium-sized tractors. The built-in rotation inverter has been adapted for 540 rpm and makes it possible to attach the snow blower regardless of the rotation direction of the PTO. As a result, the snow blower can be rear-mounted, towed or front-mounted.

2000-2450 have a 3-point hitch with integrated A frame. The entire attachment can be easily altered for coupling at the front or back of the tractor.

2450 model with well-sized feeding screws. Pictured with optional equipped extension wing.



Discharge chute with mechanical twin flap as standard.

Technical specifications				
Model	2 000	2 200	2 400	2 450
Operating width	195 cm	215 cm	235 cm	243 cm
Weight	564 kg	592 kg	614 kg	818 kg
Height	82 cm	82 cm	82 cm	96 cm
Category 3-point	II	II	II	II + III
Capacity	8–10 m³/min	10–12 m³/min	10–12 m³/min	12–16 m³/min
Feeding screws	Ø34 cm	Ø34 cm	Ø34 cm	Ø44 cm
Power	30–80 hp	50–95 hp	65–115 hp	90–135 hp
Rotor	Ø68 cm	Ø68 cm	Ø68 cm	Ø80 cm
3-point towed mount., CW	540 rpm	540 rpm	540 rpm	540 rpm
3-point reverse mount., CW	540 rpm	540 rpm	540 rpm	540 rpm
Front mounting, CCW	540 rpm	540 rpm	540 rpm	540 rpm

Trejon Optimal snow blowers are supplied with a Walterscheid cardan shafts 1-3/4" x 26 and 3-point hitch as standard. Weight stated includes 3-point hitch. CW = clockwise, CCW anti/counter clockwise

Option	
5-42087	Long discharge chutes incl. hydraulic flaps with hoses, 2 000-2 450.
5-471811	Hydraulic flap regulation incl. hoses for standard discharge, 2 000-2 450.
42450	Extension wing 23 cm, right-hand side. Model 2000–2400
42451	Extension wing 20 cm, right-hand side. Model 2450.
433024	Pivoting support wheel, model 2450.

HD Snow blowers for tough jobs

Heavy duty models – make no compromises

Different Trejon Optimal snow blowers are available with different mounting options. The machines have been built to handle the most extreme winter conditions and are used by the military, the Civil Aviation Administration and contractors and property industries throughout Sweden and Europe – more than 10,000 machines are currently in operation.

For extremely tough jobs and the demanding contractor, the HD models (Heavy-Duty) are available. Built to overcome major trials and demanding work conditions. They are supplied with large rotor and feeding screws, reinforced transmission and bolted 3-point hitch. The optimal placement of the HD transmission enables the cardan shafts to work horizontally when front-mounted. This provides maximum power distribution with minimal strain on the shaft.

The transmission has two drive shafts allowing for front-mounting of the snow blower with 1,000 rpm or rear-mounting with 540 rpm.



The worm gear comes as standard on all Trejon Optimal snow blowers. This is self-cleaning and keeps the chute locked in the required position.



The powerful Hardox® cutting blade has double hole patterns, making it reversible.



Trejon Optimal snow blowers clear snow around the world – on airfields, in towns and on all types of road under the most challenging conditions. The image to the left shows a snow blower at Frankfurt Airport and the image below shows the 2650HD with extended discharge chute loading snow just outside of Umeå, Sweden.



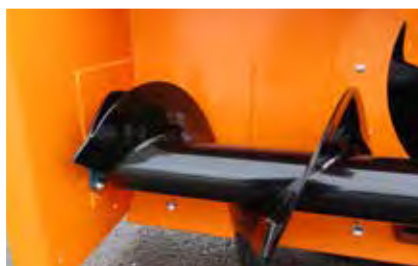


Trejon Optimal 2650HD has been created for the toughest conditions and the largest amounts of snow. The model is equipped with an 800 mm feeding screws and a transmission dimensioned for large tractors.

The new Optiflow rotor builds upon technology from hydroelectric power stations and has an unbeatable output capacity. The model pictured is equipped with reinforcement plates, support rollers, elevation strip and hydraulic flap regulation. Supplement with high discharge chute for unloading snow build up.



The twin-flap discharge chute is standard on all models. Hydraulic flap regulation available as an option.



Chassis with reinforced plates is standard for all H and HD models.



Powerful 3-point hitch for front or rear mounting.

Technical specifications

Model	2002HD	2202HD	2402HD	2452HD	2602HD	2650HD
Operating width	195 cm	215 cm	235 cm	243 cm	260 cm	265 cm
Weight	750 kg	760 kg	792 kg	1,014 kg	1,248 kg	1,400 kg
Height	82 cm	82 cm	82 cm	96 cm	113 cm	110/135* cm
Category 3-point	II	II	II	II + III	II + III	II + III
Capacity	10-12 m ³ /min	12-16 m ³ /min	12-16 m ³ /min	14-18 m ³ /min	16-22 m ³ /min	18-28 m ³ /min
Feeding screws	2xØ34 cm	2xØ34 cm	2xØ34 cm	Ø44 + Ø34 cm	Ø50 + Ø34 cm	Ø80 cm
Power	65-150 hp	70-150 hp	70-150 hp	100-200 hp	110-300 hp	150-300 hp
Rotor	Ø68 cm	Ø68 cm	Ø68 cm	Ø80 cm	Ø90 cm	Ø90 cm
3-point towed mount, CW	-	-	-	-	-	-
3-point reverse mount, CW	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm
Front mounting, CCW	1,000 rpm	1,000 rpm	1,000 rpm	1,000 rpm	1,000 rpm	1,000 rpm

*) With elevation strip. Trejon Optimal snow blowers are supplied with Walterscheid cardan shafts 1 3/8" z6 and 3-point hitch as standard. The stated weight includes 3-point hitch.
CW = clockwise, CCW anti/counter clockwise

Option	
5-42087	Long discharge chutes incl. hydraulic flaps with hoses. Height 3.40–3.70 m depending on snow blower. All models.
5-471811	Hydraulic flap regulation incl. hoses for standard discharge.
	Extension wings available for all models. Right and/or left depending on model.
	Extension wings with cutting edge (R/L) and elevation strips with kick-back guard, 2650HD model.
	Support roller for safety fences/wire fencing, right side for model 2650HD.
	Elevation strip (requires extension wings) available for several models.
	Pivoting support wheel for each model.
	Cardan shafts with automatic clutch, right or left rotation.

All options for the different models can be found on trejon.se



High safety – operation of feeding screw and rotor is protected by shear bolt coupling in the event of overloading.

Hydraulic snow blowers

Providing you with more possibilities

Our hydraulic snow blowers enable you to transform your machinery into an impressive snow clearing machine during the winter. Tackles all types of snow – providing you with more possibilities.

There are many different Trejon Optimal hydraulic snow blowers recommended for front-mounting. These can be adapted to the majority of machines with engine hydraulics. The powerful hydraulic engine is directly mounted onto the transmission, providing a safe and value-for-money lifetime. The hydraulic models are supplied with reversible cutting edge and overload protection on the feeding screw as standard. A wide range of attachments are available as options to adapt to your machine. Hydraulic hoses and couplings are offered separately depending on the type of machinery/equipment.



Smaller models

The smaller 151H and 191H models are lower (63 cm) and are considerably lighter than the other hydraulic models. Alongside the fact that these properties require less oil flow, they go perfectly with compact loaders or smaller types of machinery up to 4,000 kg.



Tool box with storage for extra shear bolts come as standard with all HD and hydraulic models. Space for essential tools, lube equipment and more.



The piston type hydraulic engine is directly mounted to the transmission, minimising loss of effect. Adapted for high pressure and continual use.



Accessories such as high discharge chutes, extension wings, elevation strip, support wheels and various couplings can be found on Trejon's website, trejon.se.



Trejon Optimal 2202H hydraulic snow blower seen here mounted on a Huddig 1260 for clearing snow from railway depots, stations and along the railway tracks.



Scan the code or visit trejon.se to watch the Trejon Optimal film.

The hydraulic Trejon Optimal models have developed from the popular and well-tested HD snow blowers. 1802-2452H are also equipped with double feeding screws for larger amounts of snow. The open feeding screws offer a large capacity, regardless of snow conditions. Different attachments, support wheels and extension wings are available as options – read more on trejon.se



Technical specifications

Model	151H	191H		1802H	2002H	2202H	2402H	2452H
Operating width	157 cm	187 cm		182 cm	195 cm	215 cm	235 cm	243 cm
Weight	334 kg	340 kg		675 kg	693 kg	710 kg	732 kg	944 kg
Height	63 cm	63 cm		82 cm	82 cm	82 cm	82 cm	96 cm
Capacity	6-8 m³/min	6-10 m³/min		8-12 m³/min	8-12 m³/min	8-16 m³/min	8-16 m³/min	12-18 m³/min
Feeding screws	Ø34 cm	Ø34 cm		2xØ34 cm	2xØ34 cm	2xØ34 cm	2xØ34 cm	Ø34 + Ø44 cm
Min. power req.*	30 hp	40 hp		50 hp	60 hp	70 hp	80 hp	100 hp
Rotor	Ø45 cm	Ø45 cm		Ø68 cm	Ø68 cm	Ø68 cm	Ø68 cm	Ø80 cm
Towing mount	-	-		-	-	-	-	-
Reverse mount	•	•		•	•	•	•	•
Front mount	•	•		•	•	•	•	•

*) Minimum power required: $hp = l/min \times bar / 10 / 60 \times 1.36$. The machine is supplied without the hydraulic hose and tractor couplings. Contact Trejon for detailed information. Attachment is an option.

Option

5-42087	Long discharge chutes incl. hydraulic flaps with hoses, 2002H-2452H.
433005	1 m extension for discharge chute, 151H-191H
5-471811	Hydraulic flap regulation incl. hoses for standard discharge.
5-42205	Electric flap regulation incl. cable and control box.
	Extension wings available for all models. Right and/or left depending on model.
	Support wheel for each model.
	Many different attachments, see more under each model on trejon.se .



Visit trejon.se or contact us to find the attachments available for each model.

All options and models can be found on trejon.se

Effective de-icing – SP Spreaders

Scandinavia's most sold spreaders

Trejon Optimal sand/salt spreaders are used throughout Scandinavia for skid prevention to fight slippery and icy roads in the toughest conditions. Trejon Optimal spreaders guarantee effective and seamless de-icing. The spreaders combine simple use with safety and precision when spreading sand (0-4 mm), gravel (2-8mm) and salt.

SP spreaders are run and operated using the machinery's hydraulics. The amount to be spread can be continually adjusted. The pressure of the rubber sheeting can be adjusted with a lever at the side of the spreader.

The spreaders can be filled from above or by using the additional hydraulic self-loading, making it possible to lower the spreader like a bucket and subsequently load from a pile of materials – saving you both time and money.

A wide range of models

Trejon Optimal spreader are available with spreading widths from 120 cm to 240 cm with volumes from 250 l up to 2,700 l (SP50 only 50 l). The SP400-600 models offer a quick coupling system, where the connection frame can be changed easily depending on the machinery's attachment.

Robust construction

Robust dimensions of Swedish steel, Hardox® cutting blade and fatigue steel, high-quality hydraulic components, powder lacquer, powerfully dimensioned chain drive – all to ensure a seamless working day and long lifetime.





Trejon Optimal spreaders are adapted for all types of machinery, for example agricultural tractors, wheel loaders and compact loaders.



Trejon Optimal self-loading function (option) increase flexibility and efficiency.



Here the SP1000 with the 3-point frame, transmitter rod and hydraulic top link options is self-loading. The amount of material can be adjusted via the flow control valve and a handle that regulates the flap against the spreader drop.



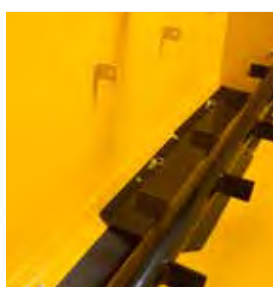
Optional cover curtains available for all spreaders.



Externally mounted well-protected layers.



Continuous adjustment of feeding and mixing roller speed via flow control valve. Built for an oil flow of up to 70 l/min, for higher flow speeds another valve is available as an option (standard on SP1600/2700). All SP models work with an extra mixing roller to reduce unwanted breakdowns when working with wet and/or icy materials. Spreading sheets are included as standard to limit the spreading width.



▲ FEATURES

- Hardox® cutting edge and fatigue steel.
- Externally placed well-protected layers.
- Blasted and powder coated.
- Perfectly designed bucket profile.
- Efficient and precise spreading.
- Optimal flexibility – same bucket for front and back installation.
- GPS-operation available for SP400 -SP2700.
- Quick coupling system available for attachment point (SP400-SP1600).

Maximum flexibility

– DS disc spreaders

Flexible de-icing

Trejon Optimal disc spreaders are equipped with a stirring roller, feeding screw and spreader disc that evenly distribute materials over the desired area, with widths up to 10 meters. Spreader and disc speeds can be continually and individually adjusted. When the driver stops at traffic lights etc., a hydraulic shutter is closed to save materials.

This leads to a number of economic advantages: more capacity, reduced driving time and reduced material use – great for your finances and the environment.

Increased professional user comfort

The basic design of the DS1200-1700 is supplied with mechanical operation, meaning the amount being spread and the operational width can be continually adjusted using the two levers at the rear of the spreader at the proportional valve unit. Two systems are available as options for increased comfort.

Trejon Optimal Control Eco By choosing the “Control Eco” system, the spreading amount and width can be operated from the control box inside the cab. This provides increased user comfort.

Trejon Optimal Control-Plus

“Control Plus” electric operation means road-based control through a user-friendly terminal. This means that the spreading amounts can be automatically adjusted depending on the machinery’s speed. All settings can be adjusted using the terminal/monitor next to the driver’s seat. During and after operation, the driver is always informed of the amount being spread, the distance travelled and areal. Speed signals can be delivered through the DIN contact from the tractor. An optional GPS antenna can be installed to receive the signal. DS2500 supplied with Control-Plus as standard.



Mechanical manoeuvring with two handles.



Trejon Optimal Control-Eco, 12V.



Trejon Optimal Control-Plus, 12V.





Trejon Optimal DS1400.



3-point hitch is integrated into the rear wall on the DS1200-1700. DS2500 includes an integrated Volvo BM connection frame.



Spreading pattern can be adjusted to avoid damaging parked cars etc. Automatically adjusted using the handle as standard or hydraulic available as an option (standard on DS2500).



Safety lattice comes as standard on all disc spreaders.



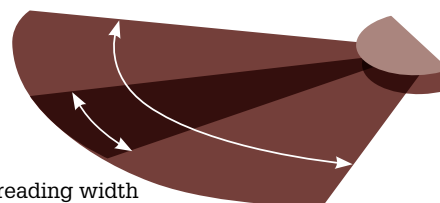
Lighting and cover curtains are available as options for all models.

▲ FEATURES

- Hydraulics from Bucher and Danfoss.
- Sand blasted, zinc base coated and powder coated twice for the highest durability possible.
- The spreader disc and hydraulic shutter are made of stainless steel.
- Multifaceted – the spreader can tackle both pedestrian paths and larger areas quickly.
- Hydraulic adjustment of spreading pattern is available as an option.



Supplement with gear changing transmitter rod and hydraulic top link to enable the spreader to self-load using 3-point mounting.



Continual spreading width 2-10 metres.

Technical specifications – SP Spreaders

Technical specifications								
Model	SP50	SP250	SP400	SP600	SP800	SP1000	SP1600	SP2700
Spreading width	60 cm	120 cm	140 cm	160 cm	160 cm	200 cm	220 cm	240 cm
Connection frame	Manual steering	3-point**	Option	Option	Option	Option	Option	Volvo-BM
Volume	50 l	250 l	400 l	600 l	800 l	1,000 l	1,600 l	2,700 l
Total width	90 cm	135 cm	164 cm	184 cm	184 cm	224 cm	240 cm	262 cm
Height	55 cm (incl. wheel)	63 cm	88 cm	88 cm	103 cm	103 cm	123 cm	130 cm
Weight	30 kg	125 kg	280 kg	325 kg	350 kg	430 kg	750 kg	1,000 kg
Recommended flow	-	10-65 l/min	20-65 l/min	20-65 l/min*	20-65 l/min*	20-65 l/min*	40-120 l/min	40-120 l/min
Additional info	Wheel 4.8/4.00-8	Cat. 0 and I	2 distributor vanes, 40 cm	2 distributor vanes, 40 cm	2 distributor vanes, 40 cm	2 distributor vanes, 40 cm	2 distributor vanes, 60 cm	2 distributor vanes, 60 cm

*) For loading machines over 70 litres, a flow distributor with a ¾" connection is required. State flow. This is standard on SP1600 and SP2700

**) Is available with Trima/SMS when ordered from factory.

Option	
320201	Connection frame Weideman, SP400
320200	Connection frame Trima, SP400
320199	Connection frame 3-point, SP400
320213	Connection frame Flexitrac/Avant, SP400
320044	Connection frame welding device, SP600-SP1600
320027	Connection frame Weidemann, SP600-SP1600. Specify type/size.
320010	Connection frame Trima/SMS, SP600-SP1600
320012	Connection frame Volvo BM (older type), SP600-SP1600
320013	Connection frame Stora-BM, SP600-SP1600
320014	Connection frame 3-point, SP600-SP1600 Cat. I and II
320015	Transmitter rod for self-loading when using hydraulic top-link, SP400-SP1600.
320026	Connection frame Euro, SP600-SP1600
320045	Connection frame Bobcat, SP600-SP1600 Specify type/size of frame.
320101	Connection frame Zettlemeyer, SP600-SP1600 L30Z, L30B, L32B, L32Z, L35B, L35Z, 502, 602, 702
320230	Connection frame Volvo/Zettlemeyer TPZ, SP600-SP1600. L35, L40, L45
320166	Connection frame Volvo/Zettlemeyer 402, SP600-SP1600. L20, L45, Atlas 35
320102	Flow distributor > 70 litres/min, incl. ¾" Tema coupling. Standard on SP1600 and SP2700.
6-351	Hydraulic top link for self-loading, SP400-SP1600. Length 590-820 mm. Cat. II
320046	Hydraulic cylinder for self-loading, SP250.
320137	Electric steering for SP400 - SP1600 Road-based control with connection of 7-pole DIN-contact, alternatively GPS velocity sensor.
90-02371	GPS velocity sensor generates velocity signals where there is no 7-pole DIN contact.
320106	Position lights
	Cover curtain. Available for all Trejon Optimal spreaders. State model when ordering.
	Safety lattice. Available for all Trejon Optimal spreaders. State model when ordering.



Powerfully dimensioned chain drive for feed control. Well-protected by casing.

Technical specifications

– DS disc spreaders



Technical specifications

Model	DS1200	DS1400	DS1700	DS2500
Steering, Standard/Option	Mechanic/Control Eco/Plus*	Mechanic/Control Eco/Plus*	Mechanic/Control Eco/Plus*	Control Plus*
Continual spreading width	2-10 m	2-10 m	2-10 m	2-10 m
Connection frame**	3-point Cat. II.	3-point. Cat. II.	3-point. Cat. II.	Volvo-BM
Regulating spreading pattern***	Mechanic	Mechanic	Mechanic	Hydraulic
Volume	1,200 l	1,400 l	1,700 l	2,500 l
Total width	184 cm	210 cm	240 cm	240 cm
Height	147 cm	147 cm	147 cm	145 cm
Weight	570 kg	825 kg	860 kg	1,100 kg
Recommended flow	40-65 l/min****	40-65 l/min****	40-65 l/min****	40-120 l/min
Total hydraulic sockets	1 double-acting	1 double-acting	1 double-acting	2 double-acting

*) Contact us if the machine does not have 12V power socket.

**) A double-acting hydraulic socket is included for self-loading.

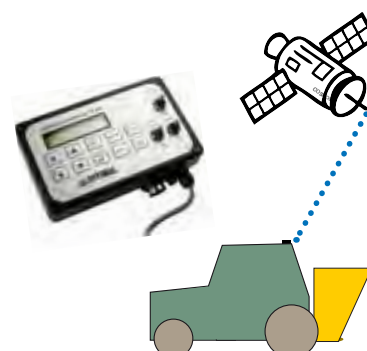
***) When choosing hydraulic regulation of spreading pattern, a double-acting hydraulic socket is included.

****) With oil flow over 70 l/min, the 3/4" flow distributor is required.

Option	
15-4-0100	Control-Plus system - Monitor/Control box incl. mounting material, road-based and connection to machinery with DIN contact.
101537-1001	Control-Eco system – Monitor/Control box incl. mounting material, electric control of amount to be spread and spreading width.
90-02371	GPS velocity sensor. Generates velocity signals where there is no 7-pole DIN contact. 12V.
320282	Hydraulic adjustment of spreading pattern, DS1200-1700.
320114	Transmitter rod, DS1200-1700.
320132	Hydraulic top link with stop valve for self-loading, DS1200-1700. Length 590-860 mm.
320106	Position lights – installation kit
320275	Traffic lights - installation kit
320312	Adapter 3-point for Stora-BM, DS1200-1700.
320102	Flow distributor > 70 litres/min, incl. 3/4" Tema coupling. Standard on DS2500
	Cover curtain, self-retracting with built-in metal spring, available for all models.



Disc and discharge details in stainless steel. Disc speed can be manoeuvred continually.



Control-Plus makes your spreader more efficient and increases usage comfort. Comprehensive display with all the necessary information and integrated road-based control, where the spreading amounts can be adjusted based on the tractor's speed. Is connected via the tractor's DIN contact, alternatively GPS velocity sensor.



The solution to the road dust problem

Did you know that the high-pressure dust collecting solution from Trejon Optimal significantly reduces the amount of harmful PM10 particles compared to previous systems? Dust is bound to high pressure water mist, enabling dust-free sweeping and better results than previously, when compared to traditional watering systems. The system's effect is based on finely distributed water mist, sprayed out under 60-150 bar high pressure. The water mist does not wet the surface being swept, it effectively binds to the dust on the road.

Reduces the amount of PM10 particles by up to 52%*

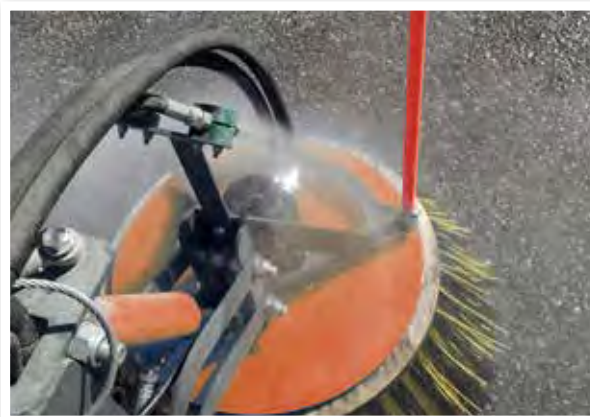
Trials have shown that compared to traditional low-pressure watering, high-pressure dust collecting sweeping work leads to a 52 % reduction* in PM10 particles, which are dangerous to inhale. When compared to sweeping conducted without water, high pressure dust collection reduces dust emissions by a staggering 82 %*.

High pressure system for dust binding for all models

All Trejon Optimal sweepers can be equipped with high pressure dust collection. The advantages of this dust control system are equally visible in collecting sweepers, rotating sweepers, sweeper buckets and sweeper rollers:

- Dust-free sweeping
- Minimal water consumption
- Sweeping even in sub-zero temperatures

The high pressure system (pictured) reduces the total of PM10 particles in the air by up to 52%. Water mist effectively binds to the dust without wasting water by watering the road.



*Trial conducted together with Yrkeshögskolan Metropolia 2013 (Finland), using the Trejon Optimal K150. Contact Trejon for more information about this trial.

Collecting sweepers

The K Series of Trejon Optimal collecting sweepers has been developed for effective cleaning. The high demands of the market were the starting point for the product's development.

The final result is a sweeper that does not stir up dust, provides the best, most efficient cleaning results on the market – all with easy maintenance, like the other Trejon Optimal sweepers.

A side brush is mounted on the right-hand side as standard. This brush can be raised, lowered, started and stopped hydraulically.



Easy maintenance

Just like the other Trejon Optimal sweepers, replacing the slats is fast and simple. Even the lubrication points can be easily accessed.



Perfect cleaning results after just one go

The best cleaning results on the market are guaranteed by the side brushes rotating in the direction of travel and the design of the base shutter and sweeper roller.



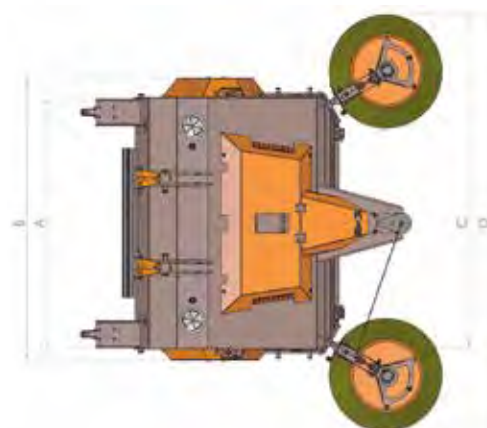
Robust construction

The K Series has been designed for incredibly hard usage. The hot galvanised frame protects against rust. The gentle start and stop of the main broom reduces the load on the hydraulic engines.



Easy usage

Thanks to the advanced hydraulics, all sweeping functions can be operated from the machine's cabin.



Technical specifications			
Model	K150	K180	K220
Measurements A	150 cm	180 cm	220 cm
Measurements B	175 cm	205 cm	260 cm
Measurements C	200 cm	230 cm	270 cm
Measurements D	250 cm	280 cm	320 cm
Measurements E	90 cm	90 cm	110 cm
Measurements F	250 cm	260 cm	280 cm
Brush diameter (measurement G)	70 cm	70 cm	90 cm
Water tank volume	260 l	290 l	330 l
Debris container's effective volume	170 l	200 l	500 l
Recommended flow	35 l/min	35 l/min	55 l/min
Oil pressure (min-max)	160-230 bar	160-230 bar	160-230 bar
Hydraulic side brush (right-hand side)	Yes, 700 mm	Yes, 700 mm	Yes, 700 mm
Empty weight (excl. attachment)	700 kg	850 kg	1,300 kg
Rec. machine size	4-6 tonnes	6-8 tonnes	9-20 tonnes

Two hydraulic connections with ½"-quick coupling as standard.

Option	
K280	Left side brush (700 mm) uses hydraulics to raise, lower and disconnect.
K290	High pressure system for dust binding.
K310	Pressure washer incl. hose reel (used with high pressure system).
K270	Water injection system
K350	Electric control box.
K320	Hydraulic flow distributor (required for flow over 80 l/min).
Number of connection frames (Euro, Trima/SMS, Stora-BM etc.) are available, contact Trejon or visit trejon.se for more information.	

Circulus

The Circulus sweeper is a brand new construction that can rotate 360 degrees. This rotation is possible thanks to a sprocket run by a hydraulic engine. The sweeper can be equipped with either a traditional watering system or high-pressure dust collection system.



Roadside sweeping without side brush

The area between the road and pavements can be swept without a side brush if Circulus is turned. This way, the sweeper can be used without the separate side brush.



The most effective way to collect sand

Thanks to these rotation possibilities, collection is safe and fast as sweeping can take place whilst travelling forwards. Furthermore, the large storage capacity means that the machine does not need to be emptied so often.



Fast service

Replacement of brush rings is fast and does not need special tools. In addition, all wearing parts are mounted using screws and lubrication points can be easily accessed.



Detachable wash unit

Circulus can be equipped with a high pressure system that reduces harmful dust during operation. Together with the water tank, the wash unit can also be detached and used separately as a high pressure washer.



Excellent end result

The floating function ensures that the machine always follows the ground and all debris is collected immediately.



Comprehensive standard equipment

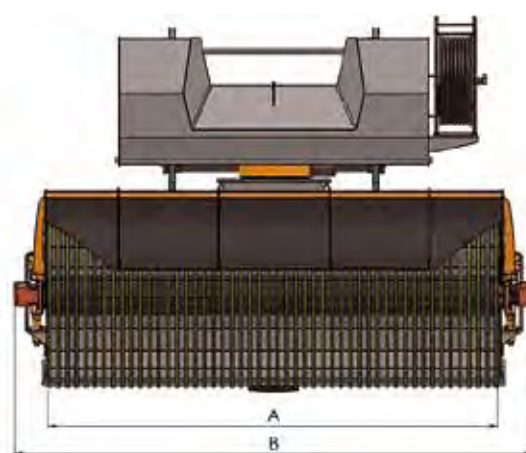
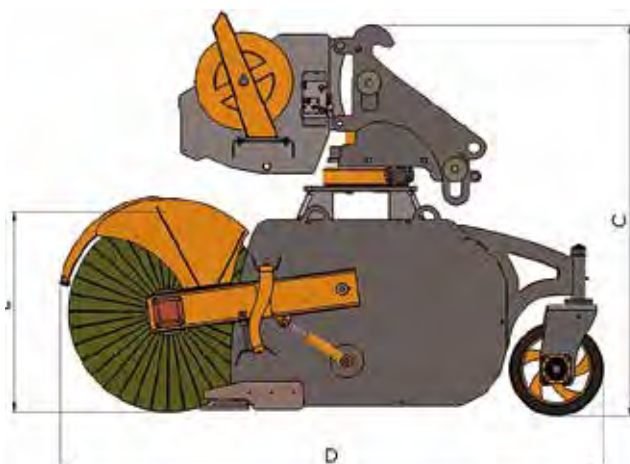
Wide support wheels, rotary system, mudguards, floating functions and bolted plates at the sides and below come as standard.



Trejon Optimal Circulus is a new construction that can rotate 360 degrees. This means that the sweeper can be driven forward or reversed – optimal for getting to those hard to reach places.



Work with Trejon Optimal Circulus outside Umeå, Sweden. Equipped with high pressure system for dust binding, emissions of harmful PM10 particles are reduced by up to 52%.



Technical specifications

Model	Circulus 190	Circulus 220L	Circulus 220
Measurements A	190 cm	220 cm	220 cm
Measurements B	216 cm	253 cm	253 cm
Measurements C	150 cm	150 cm	177 cm
Measurements D	207 cm	207 cm	245 cm
Measurements E	70 cm	70 cm	90 cm
Water tank volume	250 l	330 l	330 l
Debris container's effective volume	570 l	750 l	1,100 l
Empty weight (excl. attachment)	900 kg	1 000 kg	1,500 kg
Recommended flow	55 l/min	55 l/min	55 l/min
Oil pressure (min-max)	160-230 bar	160-230 bar	160-230 bar
Rec. machine size	5-8 tonnes	7-13 tonnes	9-16 tonnes

4 hydraulic connections with ½" - quick coupling.

Option

	High pressure system for dust binding. Incl. galvanised water tank, 250-330 litres depending on model.
C310	Pressure washer incl. hose reel (used with high pressure system).
	Water injection system Incl. galvanised water tank, 250-330 litres depending on model.
600/601	Electric valve 12/24 V. Reduces coupling from 4 to 2 hydraulic hoses.
K320	Hydraulic flow distributor (required for flow over 80 l/min).
	Number of connection frames (Euro, Trima/SMS, Stora-BM etc.) are available, contact Trejon or visit trejon.se for more information.

Visit trejon.se for a complete list of options for each model.

Sweeper buckets

Trejon Optimal sweeper buckets effectively collect large pieces of debris, making it suitable for cleaning industrial areas, harbours, saw mills and newly asphalted surfaces etc.

Very large pivoting, high pressure dust collection, side brush and more options guarantee that the sweeper bucket can be tailored to a machine that meets your needs – in the most cost-effective way.



Effective cleaning results

With help from the very large pivot, the sweeper bucket carefully follows the ground's shape and collects all debris in one go.



Easy maintenance

It is easy to replace the bucket's slats as the sweeping rollers can be easily removed. Even the lubrication points can be easily accessed.



Wearable parts that can be quickly replaced

The bucket's wearable parts come in standard measurements and are easy to replace. The mudguard's arches are available as spare parts and can be replaced individually.



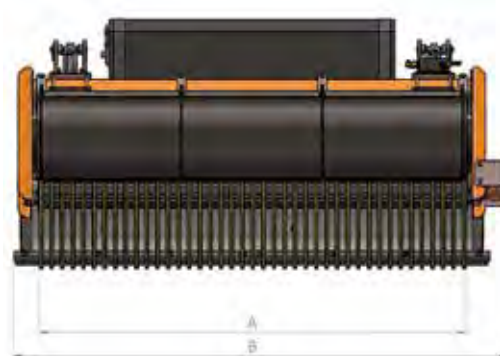
Cost-effective

The simple, reliable design with its large collection capacity makes the sweeping bucket the perfect choice for diverse work places.



Make the bucket even more versatile with help from additional equipment

Additions such as metal side brushes, high-pressure dust collection system and pressure washers simplify operation and increase the bucket's area of use.



Technical specifications

Model	H150	H180	H220	H270
Measurements A	150 cm	180 cm	220 cm	270 cm
Measurements B	180 cm	210 cm	250 cm	310 cm
Measurements C	95 cm	105 cm	125 cm	135 cm
Measurements D	100 cm	100 cm	160 cm	170 cm
Measurements E	160 cm	160 cm	215 cm	225 cm
Measurements F	70 cm	70 cm	90 cm	90 cm
Water tank volume	150 l	200 l	200 l	500 l
Debris container's effective volume	380 l	450 l	730 l	970 l
Empty weight (excl. attachment)	480 kg	650 kg	1,050 kg	1,400 kg
Recommended flow	45 l/min	45 l/min	55 l/min	55 l/min
Oil pressure (min-max)	160-230 bar	160-230 bar	160-230 bar	160-230 bar
Rec. machine size	3,5-5 tonnes	4-7 tonnes	8-12 tonnes	13-25 tonnes

Option

	High pressure system for dust binding H150-270. Incl. water tank, 150-500 litres depending on model.
H310	Pressure washer incl. hose reel (used with high pressure system).
	Water injection system Incl. water tank, 150-500 litres depending on model.
S261	Side brush
63215	Support wheel H150-180
63214	Support wheel H220-270
600/601	Electric valve 12/24 V. Reduces coupling from 4 to 2 hydraulic hoses.
K320	Hydraulic flow distributor (required for flow over 80 l/min).
	Number of connection frames (Euro, Trima/SMS, Stora-BM etc.) are available, contact Trejon or visit trejon.se for more information.

Visit trejon.se for a complete list of options for each model.

4 hydraulic connections with 1/2"-quick coupling.

Sweeper rollers

The AH Series of Trejon Optimal sweeper rollers has been developed for effective sweeping of sand, snow and debris. The effective horizontal and vertical floating position guarantees excellent cleaning results after just one go.

The sweeper rollers can be equipped with either a traditional watering system or high-pressure dust collection system.



Pivoting provides excellent results

Sweeping rollers cleans surfaces in one go. This is guaranteed by $\pm 10^\circ$ horizontal and vertical pivoting that is provided with a 30 cm range of motion. Thanks to these properties, the ground followed closely - no matter how uneven the surface is.



Sweeping near obstacles

Thanks to the centre drive, it is easy to sweep close to fences, buildings or other obstacles.



Robust and long-lasting machines

The oil-lubricated driving rope with bolted wearable parts ensures that the rotating Trejon Optimal sweeper rollers are built to last.



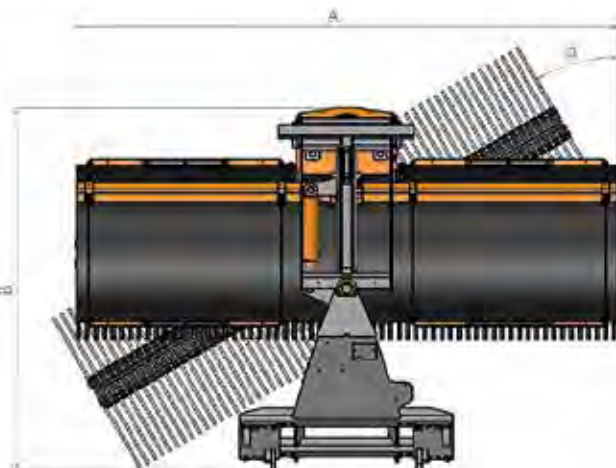
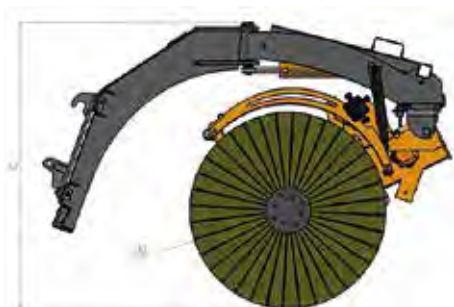
Fast service

The sweeper rollers slats can be replaced in under one hour. Even the lubrication points can be easily accessed.



Integrated water tank

Sweeper rollers can be equipped with a 270 litre water tank integrated into the machine's body.



Technical specifications				
Model	AH250	AH280	AH300	AH330
Measurements A	250 cm	280 cm	300 cm	330 cm
Measurements B	190 cm	190 cm	190 cm	190 cm
Measurements C	130 cm	130 cm	130 cm	130 cm
Measurements D	90 cm	90 cm	90 cm	90 cm
Sweeper rollers swing angle	32°	32°	32°	32°
Water tank volume	270 l	270 l	270 l	270 l
Empty weight (excl. attachment)	540 kg	570 kg	650 kg	680 kg
Recommended flow	55 l/min	55 l/min	55 l/min	55 l/min
Oil pressure (min-max)	160-230 bar	160-230 bar	160-230 bar	160-230 bar
Rec. machine size	> 4 tonnes	> 4 tonnes	> 4 tonnes	> 4 tonnes

4 hydraulic connections with 1/2"-quick coupling.

Option	
A290	High pressure system for dust binding AH280-330. Incl. 270 l galvanised water tank.
A310	Pressure washer incl. hose reel (used with high pressure system).
A270	Water injection system AH280-330. Incl. 270 l galvanised water tank.
609	Electric valve 12/24 V. Reduces coupling from 4 to 2 hydraulic hoses.
K320	Hydraulic flow distributor (required for flow over 80 l/min).
Number of connection frames (Euro, Trima/SMS, Stora-BM etc.) are available, contact Trejon or visit trejon.se for more information.	

Visit trejon.se for a complete list of options for each model.

Rotating brushes

Just like the other Trejon Optimal sweepers, the rotating brushes are also designed to be efficient and easy to maintain. Replacing the slats is quick, the support legs are always included and two hydraulic engines guarantee that the sweeper rollers rotate evenly, even under high loads.

Trejon Optimal also manufacture sweeper rollers for excavators – designed to remove snow from railway tracks. PH270R is much more powerful than the other rotating brushes and is equipped with an ice cutter.



Even brush rotation

The two hydraulic engines of the rotating brushes guarantee that the sweeping rollers rotate evenly, even in situations where the brush is pressed exceptionally hard against the ground.



Mudguards and support legs

The rotating brushes' standard equipment includes mudguards and support legs to facilitate storage.

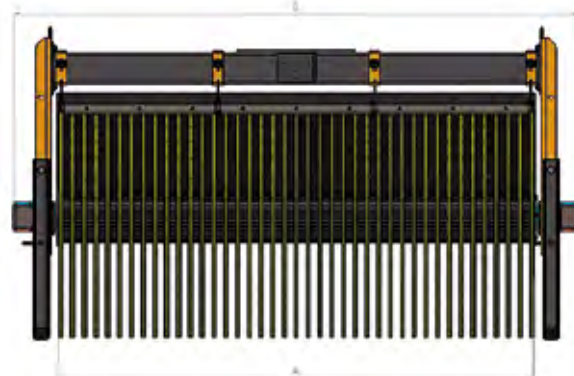
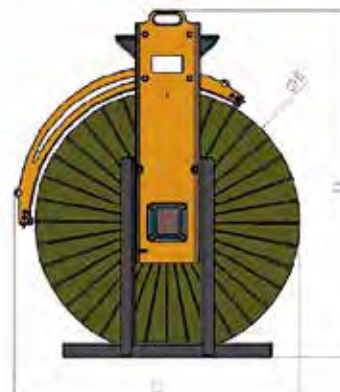


Easy maintenance

The brushes' slats can be replaced in under one hour. Even the lubrication points can be easily accessed.



PH270R in operation along the railway. The model has an exceptionally powerful chassis and ice cutter to work between the rails.



Technical specifications

Model	PH100	PH150	PH180	PH220	PH270	PH270R
Measurements A	100 cm	150 cm	180 cm	220 cm	270 cm	270 cm
Measurements B	135 cm	185 cm	215 cm	255 cm	305 cm	305 cm
Measurements C	100 cm	100 cm	100 cm	100 cm	100 cm	100 cm
Measurements D	120 cm	120 cm	120 cm	120 cm	120 cm	120 cm
Measurements E	90 cm	90 cm	90 cm	90 cm	90 cm	90 cm
Weight (excl. attachment)	190 kg	235 kg	260 kg	290 kg	330 kg	810 kg
Recommended flow	55 l/min	55 l/min	55 l/min	55 l/min	70 l/min	80 l/min
Oil pressure (min-max)	160-230 bar	160-230 bar	160-230 bar	160-230 bar	160-230 bar	160-230 bar

Option

230521	Adapter S40
230522	Adapter S45
230523	Adapter S50
230524	Adapter S60
NTP10	Adapter NPT10
K320	Hydraulic flow distributor (required for flow over 80 l/m)

PH270R is even more powerful and equipped with an ice cutter to work along railway lines. 2 hydraulic connections with ½"-quick coupling.

Hydraulic chain mulchers

The Trejon Optimal hydraulic cutting heads come in two sizes and are suitable for clearing uneven terrain under tough conditions. The chain mulchers are sturdy and equipped with axial piston engines that can manage continuous work under high strain, with high efficiency.

All exposed components of the cutting head are manufactured in Hardox® for ultimate durability and lifetime. The powerful chain magazine in the cutting head has room for extra links, making it easy to lengthen the chain as it wears.



Technical specifications, hydraulic chain mulchers						
Model	M125H	M160H	M125HF	M160HF	M160H3P	M160HSB
Operating width	1,250 mm	1,600 mm	1,250 mm	1,600 mm	1,600 mm	1,600 mm
Height (incl. hyd. engine)	807 mm	807 mm	807 mm	807 mm	807 mm	807 mm
Wearing parts	Hardox® 500	Hardox® 500	Hardox® 500	Hardox® 500	Hardox® 500	Hardox® 500
Hardened chain	10 and 13 mm	10 and 13 mm	10 and 13 mm	10 and 13 mm	10 and 13 mm	10 and 13 mm
Weight (excl. attachment)	340 kg	390 kg	340 kg	390 kg	500 kg	500 kg
Hydraulic operation	Axial piston engine	Axial piston engine	Axial piston engine	Axial piston engine	Axial piston engine	Axial piston engine
Min. oil requirement	120 l/min	150 l/min	120 l/min	150 l/min	150 l/min	150 l/min
Min. oil pressure	180 bar	180 bar	180 bar	180 bar	180 bar	180 bar
Attachment	Pivoted	Pivoted	Fixed	Fixed	3-point	Volvo-BM

Option	
320157	Attachment, gate S40
320158	Attachment, gate S44
320159	Attachment, gate S50
345052	Skid shoes made of Hardox®, incl. nuts and bolts. Fits all chain mulchers M125 / M160. The machine requires 4 wearable parts.
12177-1	House washing, cooling oil at high flow rates.

The machine is delivered without attachments and hydraulic hoses. Contact Trejon for the correct adaptations for your machine – state pressure/flow when ordering.

Mechanical chain mulcher

The Trejon Optimal M1650 has been created for the most demanding work and is one of Sweden's most sold machines. The machine can effectively clear dikes and other areas of undergrowth. The remaining trees and undergrowth are split and regrowth becomes considerably slower.

The machine has a vertical floating position, integrated hydraulic lateral displacement, resulting in a 128 cm movement pattern and sideways pivoting function. The M1650 is equipped with a shaft drive that minimises loss of power to the cutting head. Read more and watch films at trejon.se



Technical specifications	
Model	M1650
Operating width	1,650 mm
Range min-max (tractor centre)	2,920-4,200 mm
Collision protection	Hydraulic
Size of tractor	< 4 tonnes
Wearing parts	Hardox® 500
Hardened chain	13 mm (10 mm option)
Weight	780 kg
PTO	540 rpm

The machine is supplied with Walterscheid cardan shafts adapted for rear mounting.

Option	
46505	Chain 10 mm, 50 links, machine needs 2 pcs.
46504	Chain 13 mm, 25 links, machine needs 2 pcs.
6-351	Hydraulic top link.
345052	Skid shoes made of Hardox®, incl. nuts and bolts. Machine requires 2 pc wearable parts.



A good day. A Trejon day.

You don't just buy our machines, you also buy our knowledge. We have over 30 years of experience choosing, manufacturing, delivering and maintaining machines that have been designed to make your everyday easier.

We always put the customer at the centre. Our machines are built to last and together with our fast service, we make our customers' everyday life easier.

We know exactly what your work day needs for it to be as simple and successful as possible – so that every day will be a Trejon day.



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