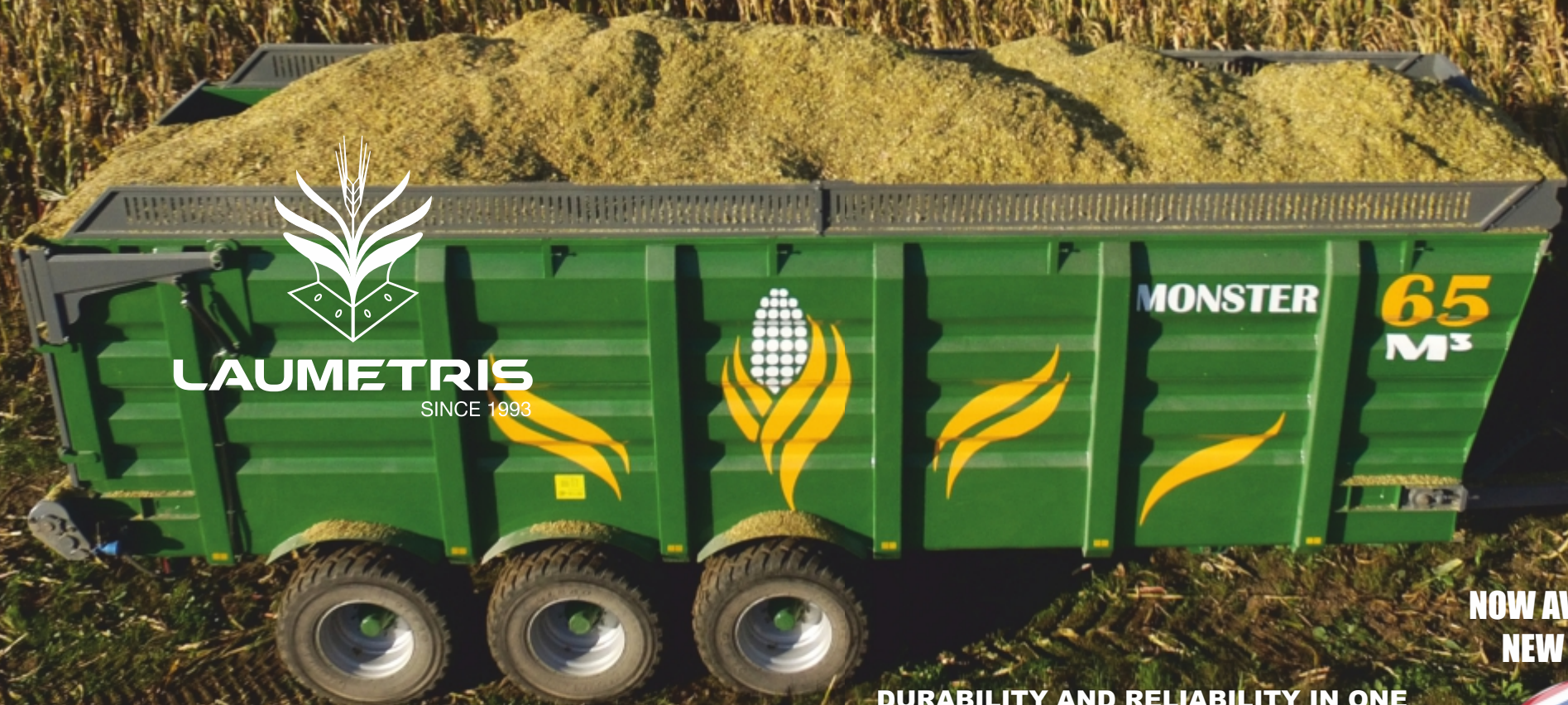


LAUMETRIS

SINCE 1993

PRODUCT NEWS 2024/25



**NOW AVAILABLE IN
NEW ZEALAND**

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DURABILITY AND RELIABILITY IN ONE

Laumetris Ltd. is one of the biggest agricultural equipment manufacturer in the Baltic States, and a multiple winner of international exhibitions.



ABOUT COMPANY

More than 3 decades Laumetris Ltd. has been producing agricultural equipment for soil cultivation, planting, fertilizing & pest control, harvest loading and transportation. 31 years of experience of agricultural innovation and engineering has made a company one of the top industry players in the Baltic region.

Company flagman is back tipping semitrailers with working load up to 30 tons with a strong frame, rigid body, optimal wheel base width, durable spring chassis and wide standard equipment range made product the best-selling item.

Laumetris Ltd. has been recognized for its agriculture equipment:

- soil cultivation and preparation aggregates - levelers, cultivators, harrows, rollers, soil rippers;
- strip-till drills for rapeseed / oilseed, universal strip till drills;
- high capacity and high flotation semitrailers for transportation of grain, sugar beets, potatoes, peats and green mass;
- construction semitrailers with strengthened frame and body for transportation of heavy loads;
- water semitrailers with glass fiber tanks;
- platforms for transportation of containers with vegetables, big bags of fertilizers, bales of hay, straws and green mass; platforms with hydraulic lifting chassis;
- manure spreaders and slurry tankers;
- fiber hemp cutting machinery, CBD hemp harvesting systems, special semitrailers with conditioning.

A part of company portfolio consists of custom made multipurpose semitrailers or only chassis, frames and bodies, depending on customers' needs.



EXHIBITIONS

Laumetris participates in up to **15 fairs** per year in **10** different **countries** across **2 continents**.

PARTICIPATION IN EXHIBITIONS 2024

March 11th - "Rinkaby Open days 2024", Sweden
 March 21st - 23rd - "Ka pasėsi 2024" Lithuania
 March 20th - 22nd - "NoCo Hemp 2024" Colorado, US
 April 7th - 11th - "Techagro 2024" the Czech Republic
 April 11th - 13th - "Pavasaris 2024", Latvia
 April 20th - 22nd - "Maamess 2024", Estonia
 April 21st - 24th - Agraria 2024", Romania
 May 02nd - 05th - "Expoagrouitil", Romania
 May 13th - 17th - "Bata Agro", Bulgaria
 May 2nd - 5th - "Agriplanta", Romania
 June 28th - Seminar "Rapeseed strip till drilling", Lithuania
 June 26th - 27th - "Borgeby Fältdagar", Sweden
 July 15th - 18th - "Agrokomplex 2024", Slovakia
 October 03rs - 05th - "Biltim Tehnika" Latvia
 October 16th - 18th - "Elmia Lantbruk 2024" Sweden



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TRACTOR SEMITRAILER PTL - 12F

Loading capacity	14 m ³
Workload	12 t
Body's dimensions L/W/H	5000/2060/1460 mm
Bottom / side wall thickness	4 / 3 mm
Axles size	□90x90 mm, 400x80
Chassis	tandem, spring
Wheels	550/45-22.5
Mass	4000 kg
Min. horse power	95 hp



Rolling up canopy (tent)

The rolling is made with central pipe, when rolled out tent is locked with fastening belts on side board - simple and reliable rolling up canopy system. System increases overall volume by 1,2 m³.



PTL - 12F

Lightweight and rigid body construction. Durable **sway-beam** or **spring chassis**.

TRACTOR SEMITRAILER PTL - 14F

Loading capacity	16 m ³
Workload	14 t
Body's dimensions L/W/H	5000/2060/1610 mm
Bottom / side wall thickness	4 / 3 mm
Axles size	□120x120 mm, 406x120
Chassis	tandem, spring
Wheels	550/45-22.5 / 560/45R22.5
Mass	4300 kg
Min. horse power	120 hp



Various size extensions

Standard extensions of 300 mm increase overall capacity up to 20 m³. With 700 mm height silage extensions volume will reach 24 m³.



PTL - 14F

Bottom / sides **thickness** of 4 / 3 mm with special **bending** are more than enough to transport not only agro yield.

TRACTOR SEMITRAILER PTL - 16F

Loading capacity	19 m ³
Workload	16 t
Body's dimensions L/W/H	6000/2060/1610 mm
Bottom / side wall thickness	4 / 3 mm
Axles size	□120x120 mm, 406x120
Chassis	tandem, spring
Wheels	560/60R22.5
Mass	5400 kg
Min. horse power	130 hp



Swift unloading system

PTL - 16 is designed for smooth tipping with rounded body walls to prevent blockages and speed up unload process.



PTL - 16F

Multiuse **lightweight, rigid** body system allows transportation of grain, silage, pulp, beets, potatoes, etc.

TRACTOR SEMITRAILER PTL - 20F

Loading capacity	25 m ³
Workload	20 t
Body's dimensions L/W/H	7000/2060/1810 mm
Bottom / side wall thickness	4 / 3 mm
Axles size	□150x150 mm, 410x140
Chassis	tandem, spring
Wheels	600/55R26.5
Mass	6000 kg
Min. horse power	150 hp



Increased swings reduction

Innovative system highly increases stability of Laumetris PTL series semitrailers. System with hydraulic stabilization comes as an accessory.



PTL - 20F

Set of rear **self-steered axle** with **710 mm** width **wheels** is top selling equipment for PTL-20F

TRACTOR SEMITRAILER PTL - 24F

Loading capacity	30 m ³
Workload	24 t
Body's dimensions L/W/H	8000/2060/1800 mm
Bottom / side wall thickness	4 / 3 mm
Axles size	□120x120 mm, 406x120
Chassis	tridem, spring
Wheels	560/60R22.5
Mass	8800 kg
Min. horse power	180 hp



Astonishing maneuvering

Every three axle semitrailer of Laumetris as a standard gets rear self-steered axle. Front self-steered axle comes as an option to provide the best handling experience. Forced-steered axles are also available.



PTL - 24F

PTL-24F with **two self-steered axles** and **silage extensions** is the choice of the **UK farmers!**

TRACTOR SEMITRAILER PTL - 30F

Loading capacity	39,5 m ³
Workload	30 t
Body's dimensions L/W/H	8000/2060/2360 mm
Bottom / side wall thickness	4 / 3 mm
Axles size	□150x150 mm, 406x140
Chassis	tridem, spring
Wheels	600/55R26.5
Mass	9150 kg
Min. horse power	240 hp



Safe tipping

While tipping rear axle gets most of load, therefore distribution of weight is a must. Rear axle locking system distributes weight through the whole chassis and assures safety of tipping process.



PTL - 30F

All wheel hydraulic or pneumatic brake system assures safe driving and **braking**.

DUMPER PTL - 10S

Loading capacity	5 m ³
Workload	10 t
Body's dimensions L/W/H	4280/2180/620 mm
Bottom / side wall thickness	6 / 6 (4 / 4 (hardox)) mm
Axles size	□90x90 mm, 400x80
Chassis	tandem, spring
Wheels	550/45-22.5
Mass	3600 kg
Min. horse power	100 hp



Front position cylinder system

This solution provides the trailer with an optimal tipping angle, reduces the stress to the body and makes the vehicle as stable as possible.



PTL - 10S

Rigid body, low height construction **dumper** can fit an excavator and is very **effective** in construction sites.

DUMPER PTL - 20S

Loading capacity	10 m ³
Workload	20 t
Body's dimensions L/W/H	5000/2000/1225 mm
Bottom / side wall thickness	10 / 8 (6 / 6 (hardox)) mm
Axles size	□150x150 mm, 406x140
Chassis	tandem, spring
Wheels	600/55R26.5
Mass	6250 kg
Min. horse power	200 hp



Reduced vibration

Parabolic leaves' spacer between the hitch and chassis ensures smooth ride and reduced vibration on the vehicle.



PTL - 20S

Thick walls, two sets of **rigid axis** and wide standard equipment range.

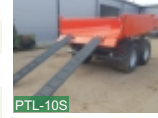
TRACTOR SEMITRAILERS' SPECIFICATIONS

Model	PTL-10F	PTL-12F	PTL-14F	PTL-16F	PTL-20F	PTL-24F	PTL-30F
Capacity, m³	12	14	16	19	25	29	39,5
Capacity, t	10	12	14	16	20	24	30
Mass, kg	3930	4000	4300	5400	6000	8800	9150
Chassis type	spring, tandem					spring, tridem	
Bottom / side thickness, mm	4 / 3						
Wheels	550/45-22.5		560/45R22.5	560/60R22.5	600/55R26.5	560/60R22.5	600/55R26.5
Axle dimensions, mm	□90x90, 408E			□120x120, 412E	□150x150, 414E	□120x120, 412E	□150x150, 414E
Body's dimensions	5000/2060/	5000/2060/	5000/2060/	6000/2060/	7000/2060/	8000/2060/	8000/2060/
length/width/height, mm	1160	1460	1610	1610	1810	1800	2550
Brakes: pneumatic or hydraulic	400x80			406x120	410x140	406x120	410x140
Standard colors	frame - grey; body - red / JD green						
Hydraulic tailgate	standard						
Swivel loop	standard						
LED lights	standard						
Rubber seal for tailgate	standard						
Min. tractor power, hp	90	95	120	130	150	180	240
Additional accessories							
Hydraulic support foot	+						
Drawbar spring suspension	+						
Grain discharge port	+						
Front platform + rolling up canopy (tent)	+ increases volume by 1-2 m³						
Steering axle (self-steered axle)	-			+			+ standard 1
Extensions, height, mm / gross capacity, m³	400 / 16	400 / 18	400 / 20 700 / 24	450 / 24,5 700 / 28	300 / 29,5 900 / 39	300 / 35 500 / 39	450 / 47
Mudguards	+						
Rear hitch with hydraulic, pneumatic, electric taps	+						
Front board window	plastic window / perforated steel sheet with special cover						
Conical body	+						
Non-standard colors, LED side lights	+						
Alternative wheels	560/45R22.5		550/45-22.5	600/50R22.5; 650/55R26.5; 710/45R22.5; 710/50R26.5; 750/60R30.5			
Tipping to one side and rear	+						-

CONSTRUCTION SEMITRAILERS' SPECIFICATIONS

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Model	PTL-5S	PTL-10S	PTL-12S	PTL-16S flat	PTL-16S	PTL-20S	PTL-30S	
Capacity, m³	3	5	7,5	10	9	10	16	
Capacity, t	5	10	12	16	16	20	30	
Chassis type	2 semiaxles	spring						
Bottom / side thickness (hardox)		6 (4) / 6 (4)		8 (5) / 8 (5)		10 (6) / 8 (6)		
Wheels	19/45x17	550/45-22.5	560/45R22.5	560/60R22.5		600/55R26.5		
Body's dimensions	3600/1950	4280/2180	4450/2180	5200/2015	5040/2005	5000/2000	6500/2000	
length/width/height, mm	710	620	820	1130	1035	1315	1225	
Mass, kg	2450	3600	4400	5600	5800	6250	9250	
Brakes: pneumatic or hydraulic	-	400x80		406x120		406x140		
Standard colors	frame - grey; body - red / JD green							
Tailgate type	mechanic, opening is vertical and horizontal			hydraulic				
Support foot type	mechanic			hydraulic				
Swivel loop	standard							
LED lights	standard							
Min. tractor, hp	80	90	100	150	150	200	250	
Additional accessories								
Hydraulic tailgate	+			standard				
Hydraulic tailgate lock	-	+				-		
Hydraulic support foot	+			standard				
Drawbar spring suspension	-	+						
Steering axle (self-steered axle)	-			+				+ standard 1
Extensions, gross capacity m³	-	10,5 m³	13 m³	20 m³	20 m³	20 m³	-	
Mudguards	-				+			
Rear hitch with hydraulic, pneumatic, electric taps	-	+						
Non-standard colors, LED side lights	+							
Hardox steel	+							
Driving up traps for excavator	-	+			-			
Alternative wheels	-	560/45R22.5	-	650/55R26.5; 710/50R26.5		710/50R26.5		
Hydraulic swings reduction system	-			+				



ROOT SEMITRAILERS' SPECIFICATIONS

Model	PTL-15P	PTL-17P	PTL-20P
Capacity, m ³	18	20	24,5
Capacity, t	15	17	20
Chassis type	spring, tandem		
Bottom / side thickness, mm	4 / 3		
Wheels	560/60R22.5 / 600/55R22.5		
Axle dimensions, mm	□120x120		□150x150
External dimensions	6000/2060	7000/2060	8000/2060
length/width/height, mm	1470	1470	1470
Mass, kg	5850	6050	6300
Unloading height, mm	850		
Brakes: pneumatic or hydraulic	406x120		406x140
Standard colors	frame - grey; body - red / JD green		
Hydraulic tailgate	standard		
Mechanic support foot	standard		
Rotating loop	standard		
LED lights	standard		
Rubber seal for tailgate	standard		
Min. tractor power, hp	125	135	155
Additional accessories			
Hydraulic support foot	+		
Drawbar spring suspension	+		
Grain discharge port	+		
Front platform + rolling up canopy	+ increases volume capacity by 1-2 m ³		
Steering axle (self-steered axle)	+		
Silage extensions, gross capacity m ³	22	24,5	29,5
Mudguards	+		
Rear hitch with hydraulic, pneu- matic, electric taps	+		
Front board window	organic glass / perforated steel sheet with covering		
Mechanic side opening	+		
Hardox steel bottom or full body, 4 mm thickness	+		
BPW axles (up to 60 km/h)	+		
Non-standard colors, LED side lights	+		
Alternative wheels	710/45R22.5; 710/50R26.5 (changes unloading height)		



TRAILERS PTL-T SPECIFICATIONS

Model	PTL-12T	PTL-14T	PTL-16T
Capacity, m ³	14	17	19
Capacity, t	12	14	16
Chassis type	spring, tandem		
Bottom / side thickness, mm	4 / 3		
Wheels	550/45-22.5 / 385/55R22.5 560/45R22.5 / 385/55R22.5 550/45-22.5 / 385/55R22.5		
Axle dimensions, mm	□90x90, 400x80	□120x120, 406x120	
External dimensions	5000/2060	5000/2060	6000/2060
length/width/height, mm	1160	1460	1610
Mass, kg	4450	5100	5700
Brakes	pneumatic or hydraulic		
Standard colors	frame - grey; body - red / JD green		
Hydraulic tailgate	standard		
Rotating loop	standard		
LED lights	standard		
Rubber seal for tailgate	standard		
Min. tractor power, hp	95	100	130
Additional accessories			
Grain discharge port	+		
Front platform + rolling up canopy	+ increases volume capacity by 1-2 m ³		
Silage extensions, gross capacity m ³	17	20	23
Mudguards	+		
Rear hitch with hydraulic, pneumatic, electric taps	+		
Front board window	organic glass / perforated steel sheet with covering		
Side tipping (1 side and rear)	+		
Combo brakes	+		
Side bumpers	+		
Non-standard colors, LED side lights	+		



TRACTOR SEMITRAILER PTL - 24C

Capacity / workload	24 m ³ / 15 t
Length, width, height	7000/3000/3500
Wheels	30.5L-R32
Chassis	single axle
Axles size	□150x150 mm, 406x140
Bottom / side wall thickness	5 / 4 mm
Mass	5420 kg
Hydraulic tailgate	standard
Min. horse power	150 hp



Great weight/volume ratio

Oscillating frame prevents cylinder distortion when tipping. High flotation and lightweight gives great semitrailer weight/cargo volume ratio.

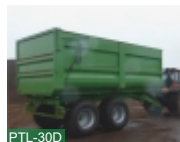


PTL - 24C

Wide wheel base assures **optimal weight distribution** and minimizes risk of jamming.

TRACTOR SEMITRAILER PTL - 16D / 20D

Capacity / workload	16 m ³ / 15 t	20 m ³ / 20 t
Length, width, height	7000/3000/3200	6000/4000/2900
Wheels	66x43.00x25	
Chassis	tandem, spring, rear steering	
Axles size	□90x90 mm, no brakes	□150x150 mm, 406x140
Bottom / side wall thickness	4 / 3 mm	Hardox 4 / 3 mm
Mass	5540 kg	6000 kg
Hydraulic tailgate	standard	standard
Min. horse power	100 hp	120 hp



Lightweight construction

Reinforced steel Hardox provides strength and lightness, wet conditions with high flotation wheels is no longer a challenge.



PTL - 16D

High capacity - **16 m³ / 15 t** proves to be the best friend in **peat** fields.

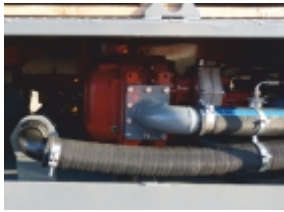
TANK SEMITRAILERS' SPECIFICATIONS

Model	PTL-6V / PTL-8V	PTL-10V / PTL-12V	PTL-16V / PTL-20V
Capacity, m³	6 / 8	10 / 12.5	15,5 / 20
Capacity, t	8	16	24
Chassis type / axles dimensions	single axle / □90x90	spring, tandem / □90x90	spring, tandem / □150x150
Wheels	550/45-22.5	560/45R22.5	600/55R22.5
External dimensions	6500/2450	7000/2450	8400/2450
length/width/height, mm	2300	2900	2900
Pump type, m³/min	vacuum-rotary, 0.7	vacuum-rotary, 1.25	
Brakes: pneumatic or hydraulic	400x80	406x120	406x140
Standard colors	frame - grey; tank - yellow		
Mechanic support foot	standard		
Rotating loop	standard		
LED lights	standard		
Mass, kg	1950	3750	4500
Min. tractor power, hp	80	95	150
Additional accessories			
Hydraulic support foot	+		
Road watering system	+		
Tank level measurement hose	+ / flanged level indicator		
Tank level measurement sensor	+		
35 ltr. capacity chemical mixer + tank washing / rinsing	+		
Boom with hose to reach sprayer	-	+	
Operating shaft	+		
k80 hitch	+		
Alternative wheels	560/45R22.5	-	



CHEMICAL MIXERS LCM

Model	LCM-6	LCM-12
Loading capacity	6 and 0.275 m ³	12,5 and 0.275 m ³
Wheels	560/45R22.5	560/60R22.5
Chassis	spring, tandem	
Axles size	□90x90 mm, 400x80	□120x120 mm, 406x120
Type of suction	vacuum-rotary	
Speed of suction	0.7 and 0.9 m ³ /min	1.2 and 0.9 m ³ /min
Mass	3850 kg	4400 kg
Min. horse power	95 hp	135 hp



Environment-friendly

6 or 12.5 m³ tanks are for fresh water only, which have no contact with chemicals and liquid fertilizers in barrels. Solution is being mixed in the special Canadian high capacity mixer. Refill of sprayer now takes only minutes.



LCM - 6

Innovative solutions and experience led to design **environment-friendly** and extremely **efficient** chemical mixer.

SLURRY TANKER PTL - 20V+DSL-3 HARROW

Loading capacity	16 / 18.5 / 20 m ³
Workload	20 t
Wheels	650/55R26.5
Chassis	spring, tandem
Axles size	□150x150 mm, 406x140
Type of suction	vacuum-rotary
Speed of suction	225 m ³ /h
Mass	4600 kg
Min. horse power	150 hp



Universal rear hitch

Rear 3 and 4 point hitch allows to connect and work not only with foldable DSL-3 Laumetris disc harrow but also with various types of dribble bars.



PTL - 20V + DSL-3 disc harrow
Premium quality slurry tanker equipped with top notch foldable disc harrow.

PLATFORM SEMITRAILER

Model	PTL - 10R	PTL - 12R	PTL - 15R	PTL - 20R
Workload, tons	10	12	15	20
Height, mm	980	1100		
Length of platform, mm	6250	7500	9250	11250
Bottom wall thickness, mm	4			
Chassis	spring			
Wheels	550/45-22.5		560/45R22.5	
Axle dimensions, mm	□90x90		□120x120	
Min. horse power, hp	100	120	140	170



Safety

All wheel breaking system enables fast and smooth stopping, foldable side boards keep bales steady.



PTL - 20R
2/3 of all PTL-R platform semitrailers comes with **hydraulic sides** option.

LIVESTOCK SEMITRAILERS

Model	PTL - 6G	PTL - 8G	PTL - 10G
Workload, kg	6000	8000	10000
Livestock quantity, units	6	8	10
Length/height, mm	5150/2000	6000/2300	7000/2300
Height, mm	2400	2010	
Chassis type	2 semiaxles		
Plot, m ²	10	14	16
Lifting ability	hydraulic		
Min. horse power, hp	80	90	100



Special anti-slip floor

Durable, specially designed floor has remarkable form, holds anti-slip characteristics - secure livestock transportation.

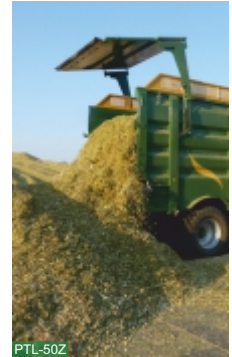


PTL - 10G

Hydraulic cylinders enables to adjust height - **easy livestock loading.**

SILAGE SEMITRAILERS PTL

Model	PTL-30Z	PTL-40Z	PTL-50Z
Capacity, m³	30 + 5	40 + 5	45 + 5
Chassis type	spring, tandem	spring, tridem	
Axles dimensions, mm	□150x150	□120x120	□150x150
Self-steered axles	1, rear	2, front and rear	
Wheels	600/55R26.5		
Transporter tracks, pcs	2		
Bottom / side thickness, mm	4 / 3		
Min. horse power, hp	180		240



PTL-50Z



PTL-60Z 4 axles spring chassis

Top efficiency

Wide range of standard equipment with robust 4 chains moving floor assures reliability and low costs maintenance over time. Extremely quick unloading in few minutes is smooth because of conical design of a body.



PTL - 50Z

Single **frame design** gives **lower empty weight** and increases payload capacity.



RSL - 3.5

In 2021-2022 winter rapeseeding season there were more than **10000 ha sown** with **Laumetris RSL** strip till drills.

MANURE SPREADERS

Model	MKL - 10	MKL - 12	MKL - 14	MKL - 16	MKL - 18	MKL - 20
Capacity, tons (m³)	10 (10)	12 (12)	14 (14)	16 (16)	18 (18)	20 (20)
Spreading width, m	up to 12			up to 14		
Chassis type	single axle			spring, tandem		
Wheels	23.1R26		750/65R30.5		650/55R26.5	
Beaters type, quantity	2 vertical beaters, horizontal beaters - optional					
Hydraulic tailboard	standard					
Brakes	hydraulic or pneumatic					
Min. horse power, hp	120	140	150	180	180	200



High capacities with spreading width

Capacities from 10 to 20 tons allows users to pick the most suitable manure spreader and wide spreading width ensures high working quality.



MKL - 20

Two **vertical** large diameter **beaters** crumble easily and spread widely.



Top quality gearboxes

Gearboxes used in MKL manure spreader line are top quality from Italian manufacturer BERMA.



Spring washers

Tense of manure spreader transporter is being stretched by special spring washers.



Quality comes first

Laumetris uses just the finest quality products from its name proven manufacturers. Vertical beaters are produced in the same company as gearboxes - BERMA. Well-known manure spreaders' parts manufacturer from Italy. 40 years of experience combined with Laumetris mind set led to develop one of the best manure spreader on market there is. MKL line is the result of Lithuanian rigidity with a touch of Italian intelligence.



Additional equipment

Front body window, LED lights, wide wheels, mudguards, rear hitch with taps, automatic steering axles, hydraulic support foot, hardox steel, weighing system with automatic control and more.

Durability of transporter system

Thick and high grade chains assure longevity and durability. Change of transversal steel profile is comfortable and easy to accomplish due to simple two-screws system.



Hydraulic tailgate

Manure has to be separated from beaters, MKL line spreaders' hydraulic tailgate does not get raised so high in height.

K-15 HEMP HARVESTING SYSTEM

K-15 hemp harvesting system is designed for CBD hemp leaf tops, inflorescences and seeds harvesting. Aggregate base: 300-340 HP tractor with frontal loader, double wheels and powerful hydraulic system of 200 ltr/min pump. Frontal loader equipped with 6 m. strip-per strips off leaf tops, inflorescences and seeds. Whole mass is being delivered to rear body through transporter system. Rear body has a capacity of 15 m³ and is capable to be lifted up and down for smoother unloading process. Mass of stripped hemp is moved and unloaded through moving floor - chain transporter.



Harvesting process



Unloading process

Customizable according to needs

K-15 project can be adapted to different tractor and stripper. Size of body can be adjusted. Body's hydraulic management is powered through independent oil system working from rear PTO shaft.



K-15 hemp harvesting system
Novel system working with PTL-20K
assures **high** quality of hemp **CBD**.

FIBER HEMP SEMITRAILERS PTL-K

Model	PTL-20K
Capacity, tons / m ³	20 / 30 m ³
Chassis type	tandem, spring
Axles dimensions, mm	□150x150, 406x140
Bottom / side thickness, mm	4 / 3 mm
Wheels	600/50R22.5
Transporter tracks, pcs	2
Ventilator's efficiency	90-150 m ³ /min, 1320-1550 PA
Min. horse power	180 hp



PTL-20K in work



PTL-20K

Extraordinary care

Hemp's leaves require extra attention for handling and maintaining its quality. Ventilation process after harvesting is a must. Unloading with a transporter system smooths whole process.

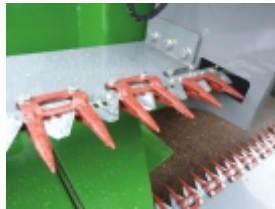


PTL-20K

Ventilation of 90-150 m³/min, transporter unloading system - top quality semitrailer for handling hemp.

FIBER HEMP CUTTER KP-4

Type	trailed
Operational width	2.8 m
Operational speed	10-25 km/h
Chassis	hydraulic
Cutting units	4 pcs (5 pcs from 2024th)
Distance between cutters	600 mm
Wheels	19.0/45-17
Mass	4400
Min. horse power	160 - 200 hp



Astonishing efficiency

2019 harvesting showed incredible speed of KP-4 up to 25 km/h on regular basis. It is the fastest fiber hemp cutting machine on the market (it is a personal Laumetris opinion, but who could argue with that?).

Hemp harvest in Texas 2022 season



KP - 4

4 units of „Schumacher“ **high quality cutters** distanced by 60 cm according to processing standards.

SOIL LEVELERS

Model - operational width, m	LLK - 7	LLK - 8	LLK - 9
Type	mounted		
Sections, pcs	3		
Changeable width, m	5 / 7	6 / 8	7 / 9
Ploughshares, pcs	31 / 44	38 / 50	44 / 56
Operational depth, mm	up to 100		
Harrows, pcs	5 / 7	6 / 8	7 / 9
Mass, kg	1700 / 1900	1800 / 2000	1900 / 2100
Min. horse power, hp	150 / 180	180 / 240	240 / 280



Efficient leveling

Two rows of durable rigid ploughshares with harrows of five lines creates extraordinary soil cultivating and leveling. Rear crossboard and harrows are optional.



LLK - 8

Strong and long lasting ploughshares are double-sided.

COMPACTION ROLLERS

Model - operational width, m	TVLL - 6	TVLL - 8	TVLL - 9	TVLL - 10
Type	trailed			
Sections, pcs	3			5
Crossboard, pcs	36	48	54	-
Roller type	"Cambridge" (Cross kill - option)			
Disc diameter, mm	510			
Wheels	400/60-15.5	520/50-17		600/50-22.5
Mass, kg	4100	6500	6800	9000
Min. horse power, hp	120	150	160	200



TVLL-6



TVLL-6

Cast rings durability

Cast rings production is made from top grade steel GGG-50. Its strength provides long term lifetime and break resistance.



TVLL - 10

5 individual **sections** ensure **top** soil surface copying and highest **quality** compaction.

TVLL-8



New type TVLL rollers

New type of TVLL-8; 9 and 10 was designed in 2015, fully tested in 2016, now comes up with novel and modern folding system. Unfolding / folding is managed through hydraulic system - no need to wait your precious time driving backwards and forward to start working. Does not exceed 2,5 meters width in transport position. Copies ground surface better than ever. Characterize with high mass for top quality soil compaction. Available with wider diameter „Cambridge“ type rings of 600 mm.

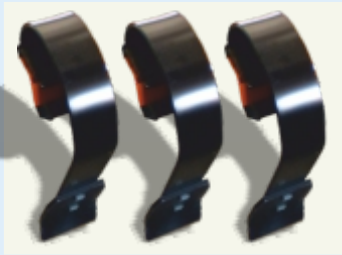


Strong and rigid axis

Steel grade of axis used in TVLL line compaction rollers is 42GrMoS4 - special reinforced steel. Reaching minimum of 780 N/mm² power.

Unique compression system

Special spring washers are used to increase durability of cast rings and efficiency of rollers.



Crossboard leveling

TVLL-4; 6 and 8 is equipped with powerful spring crossboard leveling system.



Long-life rings

Cast production of TVLL rings „Cambridge“ or „Cross kill“ type are manufactured from high hit - resistance GGG-50 grade steel. Durability guaranteed!



Special bearings

Top-notch quality bearings with hit resistance and unique construction proves to be top solution.

STUBBLE HARROWS

Model - operational width, m	SL - 3	SL - 4	SL - 4T	SL - 5T	SL - 6T
Type	mounted			trailed	
Operational depth, mm	up to 250			up to 300	
Coulters type	chisel with screwed coulters, carbide tiles				
Coulters, pcs	10	15	15	19	22
Coulters width, mm	250 or 350				
Chisel width, mm	40				
Mass, kg	1550	2500	5250	6050	6600
Min. horse power, hp	150 - 180	180 - 220	190 - 240	280 - 300	300 - 350



SL-3



SL-3

Arrow type coulters

Solid and very durable cast arrow type coulters with width of 300 mm leave no uncultivated soil. Lighter rollers reduce required horse power and fuel costs.



SL - 4T

High quality soil cultivation machine reaching up to **30 cm depth**.

DISC HARROWS

Model - operational width, m	DSL - 3	DSL - 4	DSL - 3,5	DSL - 4	DSL - 5	DSL - 6	DSL - 8
Type	mounted		trailed				
Operational depth, mm	up to 120						
Coulters type	disc / VT REX discs						
Disc diameter, mm	510		510 (optional 560)				
Discs, pcs	23	31	24	30	36	40	58
Roller diameter, mm	500						700
Mass, kg	2200	2500	3500	4750	5500	6500	8500
Min. horse power, hp	160	190	160	190	240	280	320



New optimal layout

Side forces are reduced by innovative and better results showing X shaped discs layout. Chassis is carried out in between of rear discs lane and rollers, this distributes weight and eliminates swings.



DSL - 8

Great distance of 125 cm between discs rows diminish **jamming risk** to **minimum**.

PRESOWING SOIL TILLAGE CULTIVATOR KLG

Model - operational width, m	KLG - 3.6	KLG - 4	KLG - 5	KLG - 6	KLG - 7.5	KLG - 9
Type	trailed					
Operational depth, mm	up to 80					
Sections, pcs	3		4		6	
Crossboard, pcs	24	27	32	40	48	58
Coulters, pcs	60	66	80	100	126	150
Rollers per section, pcs	2					
Mass, kg	1900	2000	2800	3200	3800	4800
Min. horse power, hp	80	90	130	150	200	260



KLG-5



KLG-6

Seedbed preparation

Separate ground copying, double rollers per section, 5 rows of vibro ploughshares equipped with row of crossboard precisely prepares soil for seeding.



KLG - 7.5

Every **section works separately**, this ensures high level of soil copying.

PRESOWING SOIL TILLAGE CULTIVATOR KLG-6D

Model - operational width, m	KLG-6D
Type	trailed
Operational depth, mm	up to 80
Sections, pcs	4
Crossboard, pcs	40
Coulters, pcs	100
Rollers per section, pcs	3
Mass, kg	3500
Min. horse power, hp	165 hp



KLG-6D

Steel preparation

Metal blasting is essential part of steel preparation process before painting. First layer is prime-base, then color layer. After each process chamber is heated up to 60° celsius for maximum quality control.



KLG-6D

Renewed cultivator with **bronze bushings**, **third roller** comes even more **precise** and **durable**.

MOUNTED CULTIVATORS

Model - operational width, m	KLL - 3.6L	KLL - 4L	KLL - 6L	KLL - 4	KLL - 6	KLL - 8
Type	mounted					
Operational depth, mm	up to 120					
Coulters, pcs	31	36	54	35	54	73
Wear point width, mm	40			60 / 120 if arrow type		
Front / rear leveling, pcs	solid leveling board / -			18 / 26	30 / 40	44 / 54
Rear harrows / roller	- / +			20 / -	31 / -	41 / -
Mass, kg	650	710	1100	1050	2650	2950
Min. horse power, hp	80	90	120	110	130	160



Huge coulters variety

Two rows of crossboard, vibro tines with cast ploughshares and rear harrows makes it universal cultivator.



KLL - 4

Astonishing performance, durability, **easy adjustment.**

TRAILED CULTIVATORS

Model - operational width, m	KLL - 6T	KLL - 8T	KLL - 10T
Type	trailed		
Operational depth, mm	40-120		
Tines type	spring		
Coulters, pcs	80	106	134
Wear point width, mm	40		
Crossboard (front/back/harrows)	30/44/35	36/54/45	46/68/55
Mass, kg	3250	3850	5600
Min. horse power, hp	160	240	300



KLL-8T



KLL-10T



KLL-10T

High quality seedbed preparation

Sections' sway-beams for stable operational depth and soil copying, intensive soil surface's leveling and seedbed preparation.



KLL - 10T

Reliable for every type of soil, **irreplaceable** pre-sowing **aggregate**.

HARD SOIL TILLAGE CULTIVATORS

Model - operational width, m	KLS - 4	KLS - 5	KLS - 6	KLS - 8	KLS - 10
Type	trailed				
Operational depth, mm	up to 150				
Coulters type	arrow / chisel				arrow/disc
Coulters, pcs	26	40	48	64	80
Coulters width, mm	50 or 140				
Rollers per section, pcs	2 disc type - front and rear, diameter 500			700	
Mass, kg	4700	6500	7450	8500	10400
Min. horse power, hp	160	190	220	280	350



Superior cultivator

Significant layout, cast ploughshares, spring tines and two different rollers is what the very best demands.



KLS - 4

Cultivator designed for hard conditions, **superb** in mixed.

SUBSOILERS

Model - operational width, m	DPL-3L	DPL-4L	DPL-3L	DPL-4L	DPL-6L
Type	mounted, III category				
Operational depth, mm	up to 200				
Tines quantity, pcs	6	8	5	6	14
Row distance, mm	500		600		450
Type of tines	low disturbance				
Protection of tines	hydraulic - pneumatic				
Mass, kg	1240	1450	1150	1350	2800
Min. horse power, hp	140-180	200-260	130-180	200-260	280



DPL-3L with Vaderstad seeder

Low disturbance vertical tillage

Mounted together with standard sowing machines loosens soil compaction working vertically with low disturbance tines. Restores air and water capillary system.



DPL - 6L

Braking soil pad up to 20 cm of depth. Low horse power requirement.

STRIP-TILL DRILLS FOR RAPESEEDING

Model - sowing width, m	RSL - 2.5	RSL - 3.0	RSL - 3.5	RSL - 3.5T	RSL - 4.0
Type	mounted			trailed	mounted
Operational depth, mm	up to 300				
APV seeder capacity, ltr	PS120 M1 with automatic rate control for seeds and fertilizers				
Tines / distance between, mm	5 / 500	6 / 500	7 / 500	7 / 500	9 / 444
Tines protection	hydro-pneumatic				
Fertilization tank capacity, ltr	Mineral: 800 - 1200 / Liquid: 1100 - 1500				
Mass, kg	2600	2900	3200	3600	3650
Min. horse power, hp	160 - 200	180 - 210	200 - 250	180 - 250	265 - 315



RSL-4.5 + APV PS120 + 1100 ltr mineral fert. syst.



Laumetris made wear point with 4 carbide tiles and hardox steel

Strip till winter rapeseed drilling

50 cm distance strip till drill - lower rapeseed sowing rate, stronger plant, higher yield. Direct sowing into stubble - preserved moisture, lower soil preparation costs, better conditions for wintering. Liquid fertilizing - rapid absorption, strong seedlings, higher precision, much lower fertilizing costs.

RESULTS OF 2019-2020

Individual farm grew 140 ha
Average waste: 1.1%
Average moisture: 7%
Average yield after cleaning:
from 3.8 t/ha to 4.2 t/ha according to different breed.

RESULTS OF 2020-2021

Total grown: 1800 ha
Average yield after cleaning:
from 3.0 t/ha to 3.7 t/ha according to different varieties and farms

**2021-2022 total grown
with RSL: 4500+ ha**



RSL - 4.5

Focused on **precise strip till rape seeding** through discs.

Model - sowing width, m	RSL - 4.0T	RSL - 4.5	RSL - 4.5T	RSL - 5.5T
Type	trailed	mounted	trailed	
Operational depth, mm	up to 300			
APV seeder capacity, ltr	PS120 M1 with automatic rate control for seeds and fertilizers			
Tines / distance between, mm	9 / 444	9 / 500	9 / 500	11 / 500
Tines protection	hydro-pneumatic			
Fertilization tank capacity, ltr	Mineral: 1200 - 1500 / Liquid: 1500			
Mass, kg	4150	3750	4500	6000
Min. horse power, hp	250 - 300	280 - 320	260 - 310	350 - 400



RSL-4.5 + APV PS120 + 1500 ltr tank for liquid fert.



Wear point after 140 ha

Strip till winter rapeseed drilling

In five years of series production of RSL Lithuanian and Latvian farmers purchased more than 100 units of various models of RSL strip till drills. Starting with 2021 season the first drills sowed rapeseed in Poland and Sweden.

2022-2023 drilled in Lithuania: 10000+ ha

Rapeseed drilling costs calculator:



RSL - 4.5

Wheel roller is the most universal choice working well in all type of conditions.



In front of every tine a disc opens a surface of soil cutting through stubble - eliminates any potential clogging. All tines have hydraulic-pneumatic protection and ability to adjust the pressure for softer or harder soil types. On the same line after each tine the fertilizers are being sprayed. Rate can be customized, though farmer averagely sprayed 220 ltr/ha. 1.1 to 1.5 m³ tanks are available. Ring type roller efficiently presses the soil. Laumetris Precise sowing system contains a separate lane of sowing units which have double discs cutting soil, precisely putting rape seeds in an adjustable depth. Afterwards seeds are pressed with compaction wheels.



Seeding rate: 1,5-2,5 kg/ha
Seeding lane distance: 500 mm
Wider seeding lane distance reduces competition between sprouts- adds up on lower sowing costs as well as on higher yields.



2 weeks after

Strip till rapeseed seeding 2019 08 14

Location: Pociūnėliai, Lithuania.

Machine: subsoiler **RSL-3.5** with cutting knives in front of each tine.

Seeding unit: **APV PS200** with Laumetris Precise sowing system through discs.

Fertilizers: 220 ltr/ha NPK 999.



15 carbide tiles



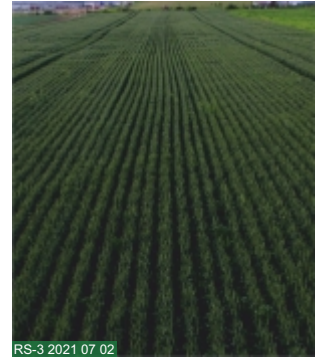
5 weeks after



8 weeks after

UNIVERSAL STRIP TILL DRILLS RS

Model - sowing width, m	RS-3	RS-4
Type	mounted / trailed	trailed
Operational depth, mm	200	
APV seeder capacity, ltr	PS800	
Tines / distance between, cm	9 pcs / 15 / 33	11 pcs / 15 / 36
Tines protection / distance	hydro-pneumatic	
Fertilization tank capacity, ltr	liquid: 1000-1500-1900 / mineral: 1000	
Mass, kg	2800 kg	3800 kg
Min. horse power, hp	200 hp	280 hp



RS-3 2021 07 02



RS-4

Regenerative agriculture

Topsoil regeneration, increasing biodiversity, improving the water cycle, enhancing ecosystem services, supporting biosequestration, increasing resilience to climate change, and strengthening the health and vitality of farm soil. It is not just big words, it is Laumetris RS strip till drills.



RS - 4

Strip till drills highly increase profitability and come with a lot of **benefits** from **regenerative agriculture** perspective.

LF LIQUID FERTILIZERS SYSTEM

Modelis - tank size, ltr	LF-1100	LF-1500	LF-1900
Implementation place / type	mounted in tractor's front		
Tank material	special polyethylene plastic		
Impact of chemicals and fertilizers	resistant		
Powering type (manual control, automatic rate with Arag/Isobus/APV)	hydraulic motor		
Spraying rate ltr/ha	50 - 500		
Distribution system	3 way distributor to supply 3 sections of tillage machine		
Mass, kg	280	300	350
Additional tank	100 ltr clean water tank for main tank cleaning and 20 ltr for handwashing		



LF-1500 liquid fertilizers system

Tachometer for manual control

Benefits of liquid fertilizers

Compact storing and easy tank filling, ability to connect the system with any type of tillage implement, rapid absorption, strong first feeding of the plants, lower fertilizing rates and costs with higher impact.



LF - 1900 + Horsch Focus 4 TD
Liquid fertilizers are way more absorbent for plants compared with mineral fertilizers.

MACHINERY REPAIR AND UPGRADE WORKS

We can install pneumatic APV seeders on various Laumetris production units: mounted and trailed tine cultivators (SL and SL-T series), disc cultivators (DSL), compaction rollers (TVLL), and we also install these seeders on other manufacturers' machinery.

Non-standard implement projects related to agricultural machinery: design and production of special implements, transport machinery; carrying out repair work for old agricultural machinery; modifying the agricultural equipment of other manufacturers by combining the wishes of the customer and the long-term experience of Laumetris engineers.

Laumetris, UAB is certified according to the highest standards demanding certificate for construction steel structures - EN 1090-1:2009+A1:2012. The implementation of the requirements of this certificate ensures the supply of the highest quality construction steel structures and top-class metal welding, its preparation for painting and painting works. In general, this contributes to the high quality of Laumetris products and allows to offer structural solutions for hangars, warehouses or other buildings.

Roller upgrade for Vaderstad carrier



APV Ps800 installation on compaction rollers



Warehouse construction beams manufacturing



Warehouse construction beams manufacturing

