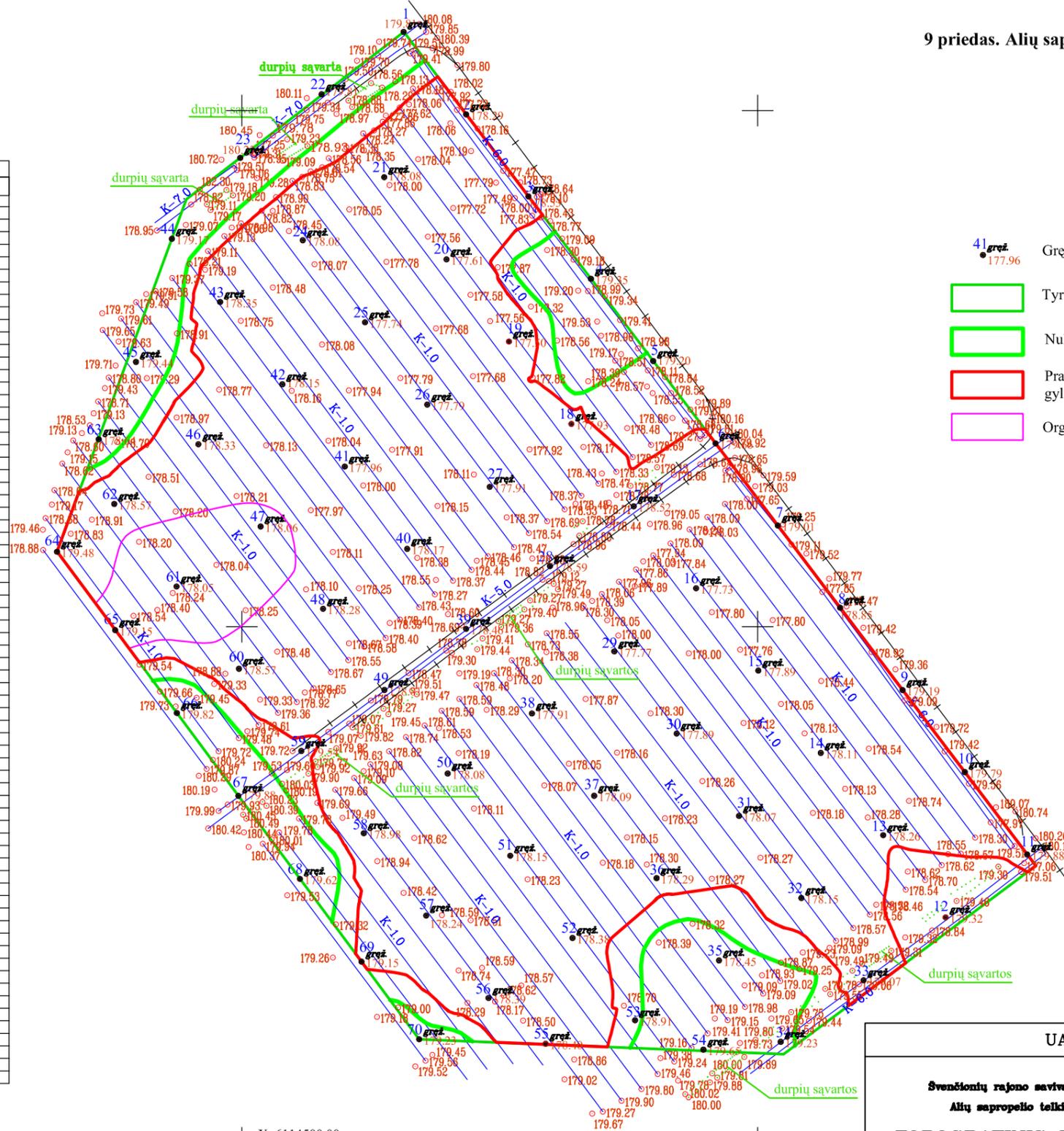


9 priedas. Alių sapropelio telkinio topografinis planas M1 : 5000

X=6115500.00
Y=654000.00

X=6115500.00
Y=655500.00

Gręžinių taškų lentelė			
Taško/ Gręžinio Nr.	Koordinatės LKS-94, aukščių sistema LAS-07		
	X	Y	Z
1	6115576.1000	654856.8700	179.81
2	6115496.2800	654717.4500	178.29
3	6115416.8400	654777.8400	178.53
4	6115337.0300	654836.4000	179.35
5	6115257.2800	654898.7800	179.20
6	6115177.6000	654959.2300	179.66
7	6115097.9700	655019.5900	179.01
8	6115018.3100	655079.9900	178.85
9	6114938.5800	655140.4700	179.19
10	6114858.0600	655200.8200	179.79
11	6114779.2300	655261.3000	179.88
12	6114718.3600	655322.2200	179.32
13	6114798.0200	655382.7100	178.26
14	6114877.8800	655443.2000	178.11
15	6114957.4800	655503.6900	177.89
16	6115037.1900	655564.1900	177.73
17	6115116.6000	655624.6900	178.52
18	6115196.3700	655685.1900	177.93
19	6115276.2000	655745.6900	177.50
20	6115355.8000	655806.1900	177.61
21	6115435.4500	655866.6900	178.08
22	6115515.2200	655927.1900	179.81
23	6115595.0000	655987.6900	180.23
24	6115674.8100	656048.1900	178.08
25	6115754.6400	656108.6900	177.74
26	6115834.4900	656169.1900	177.79
27	6115914.3600	656229.6900	177.91
28	6116000.0000	656290.1900	178.59
29	6116080.0000	656350.6900	177.77
30	6116160.0000	656411.1900	177.89
31	6116240.0000	656471.6900	178.07
32	6116320.0000	656532.1900	178.15
33	6116400.0000	656592.6900	179.07
34	6116480.0000	656653.1900	179.23
35	6116560.0000	656713.6900	178.45
36	6116640.0000	656774.1900	178.29
37	6116720.0000	656834.6900	178.09
38	6116800.0000	656895.1900	177.91
39	6116880.0000	656955.6900	178.46
40	6116960.0000	657016.1900	178.17
41	6117040.0000	657076.6900	177.96
42	6117120.0000	657137.1900	178.15
43	6117200.0000	657197.6900	178.35
44	6117280.0000	657258.1900	179.17
45	6117360.0000	657318.6900	179.44
46	6117440.0000	657379.1900	178.33
47	6117520.0000	657439.6900	178.08
48	6117600.0000	657500.1900	178.28
49	6117680.0000	657560.6900	178.81
50	6117760.0000	657621.1900	178.08
51	6117840.0000	657681.6900	178.15
52	6117920.0000	657742.1900	178.38
53	6118000.0000	657802.6900	178.91
54	6118080.0000	657863.1900	179.65
55	6118160.0000	657923.6900	178.40
56	6118240.0000	657984.1900	178.39
57	6118320.0000	658044.6900	178.24
58	6118400.0000	658105.1900	178.98
59	6118480.0000	658165.6900	179.54
60	6118560.0000	658226.1900	178.57
61	6118640.0000	658286.6900	178.05
62	6118720.0000	658347.1900	178.57
63	6118800.0000	658407.6900	178.64
64	6118880.0000	658468.1900	179.48
65	6118960.0000	658528.6900	179.15
66	6119040.0000	658589.1900	179.82
67	6119120.0000	658649.6900	179.88
68	6119200.0000	658710.1900	179.62
69	6119280.0000	658770.6900	179.15
70	6119360.0000	658831.1900	179.23



- 41 gręž. 177.96 Gręžinys ir jo Nr.; apačioje - žiočių altitudė, m abs.
- Tyrimams registruoto sklypo riba
- Nulinė sapropelio kredo išplitimo riba
- Pramoninė naudingo sapropelio kredo riba (0.4 m gylio ribose)
- Organinio silicinio sapropelio išplitimo plotas

Kopija tikra:

UAB "J. Jonony ecofirma" direktorius

Koordinatų sistema - LKS-94
Aukščių sistema - LAS07
Horizontalių laiptas - 0,5m

Pastaba: Sklypų ribos pažymėtos plane juridinės galios neturi.

UAB "GEOPOLIUS"		Inv. Nr.	
Švenčionių rajono savivaldybės Alių sapropelio telkinio TOPOGRAFINIS PLANAS	Pareigos	Vardas, pavardė	Parašas
	Inžinierius	Rimvydas Pinkevičius	2017 08 16
Licencija Nr. 1GKV-887	Inžinierius	Ramūnas Chorošilovas	2017 08 16
Mastelis 1:5000	Plotas 56 ha	Lapų 1	Lapas 1

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X=6115500.00
Y=654000.00

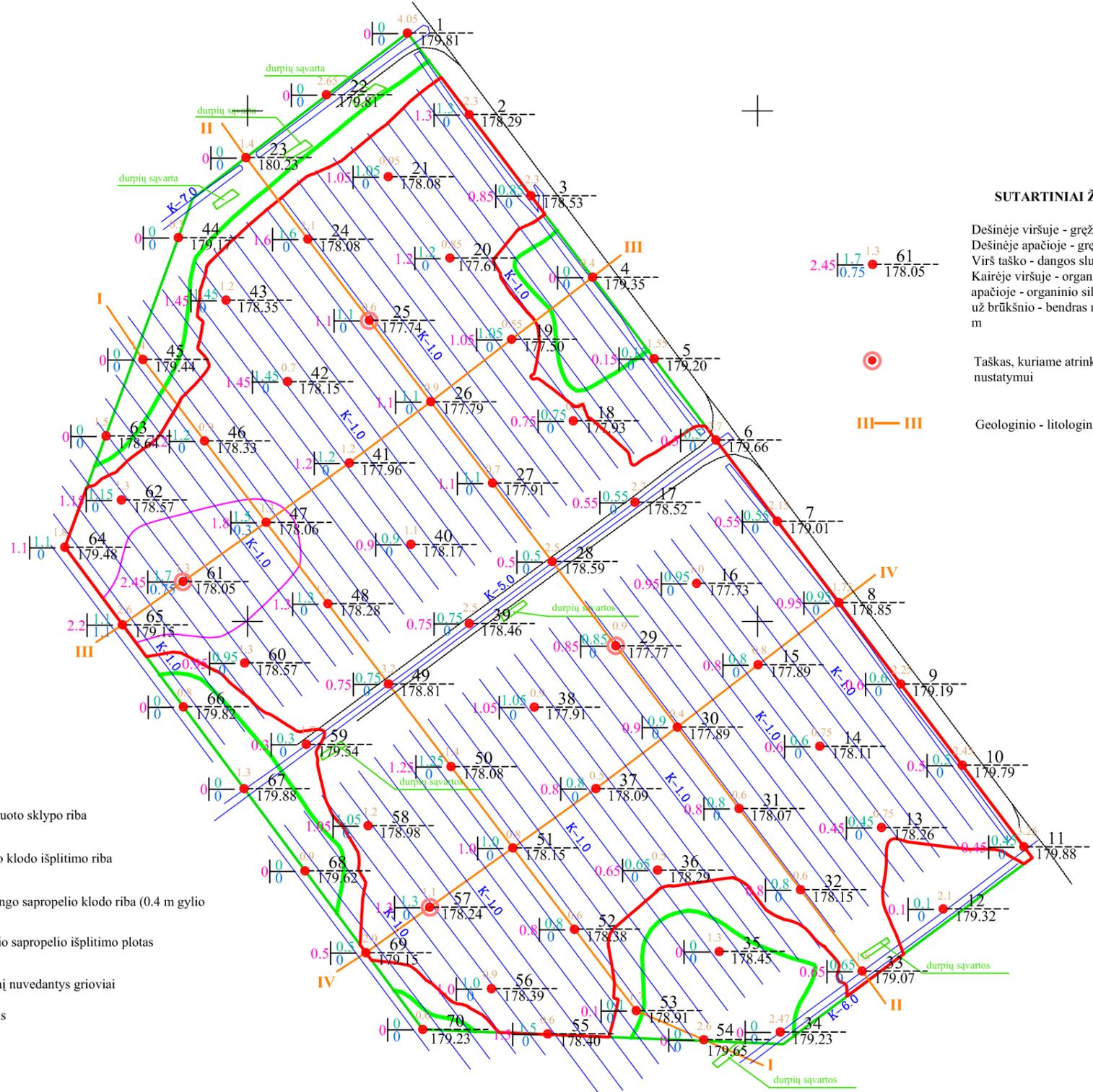
X=6115500.00
Y=655500.00

- Tyrimams registruoto sklypo riba
- Nulinė sapropelio klodo išplitimo riba
- Pramoninė naudingo sapropelio klodo riba (0.4 m gylio ribose)
- Organinio silicinio sapropelio išplitimo plotas
- Drenažinį vandenį nuvedantys grioviai
- Barelinis griovėlis

SUTARTINIAI ŽENKLAI

Dešinėje viršuje - gręžinio Nr.,
Dešinėje apačioje - gręžinio žiočių altitudė, m abs.a.
Virš taško - dangos sluoksnio storis, m
Kairėje viršuje - organinio sapropelio klodo storis, m
Apačioje - organinio silicinio sapropelio klodo storis, m
Už brūkšnio - bendras naudingo sapropelio klodo storis, m

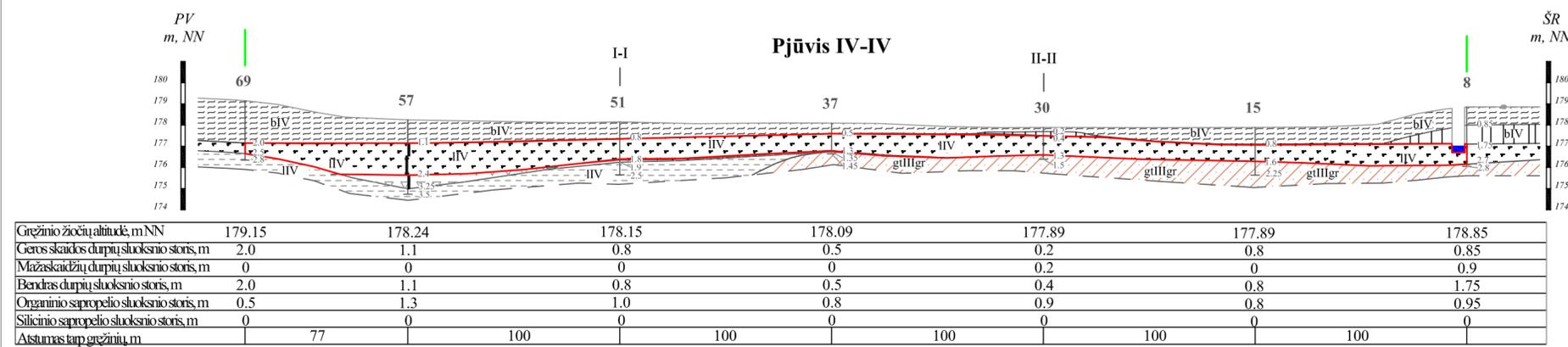
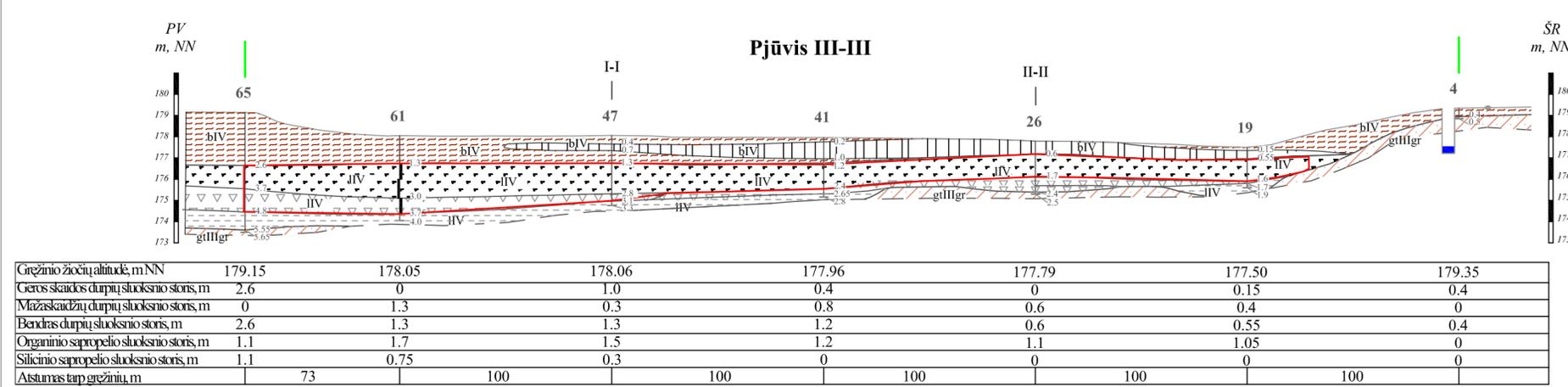
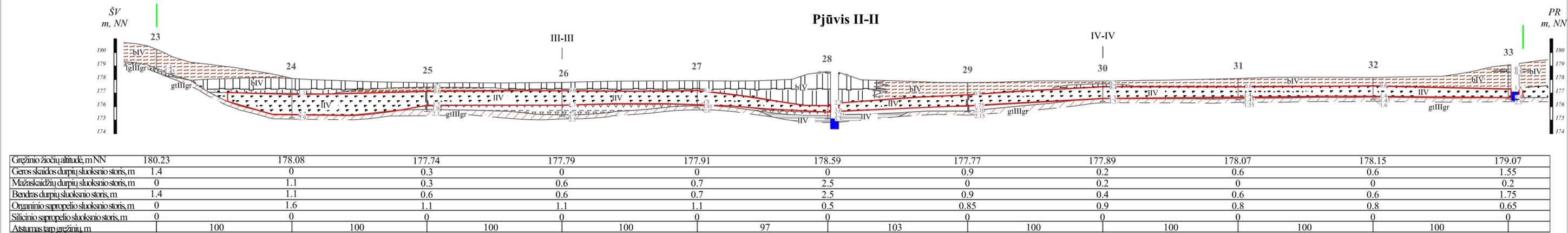
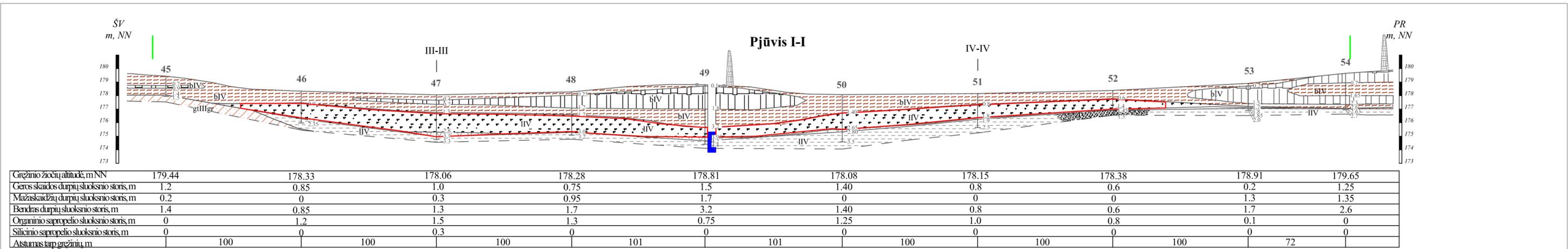
- Taškas, kuriame atrinkti mėginiai sapropelio kokybės nustatymui
- III — III Geologinio - litologinio pjūvio linija ir jo Nr.



X=6114500.00
Y=654500.00

Koordinacių sistema - LKS-94
Aukščių sistema - LAS07

10 priedas. Alių sapropelio telkinio išteklių apskaičiavimo planas M 1 : 5000



SUTARTINIAI ŽENKLAI

LITOLOGINIAI ŽENKLAI

- Durpės, mažaskaidės
- Durpės, gerai susiskaidžiusios
- Sapropelis, organinis
- Sapropelis, silicinis
- Priemolis / priemolis
- Smėlis
- Žvyras
- Molis
- Durpių sąvartos

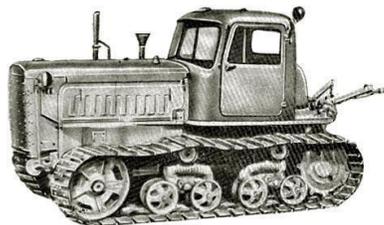
STRATIGRAFINIAI - GENETINIAI ŽENKLAI

- bIV balų nuogulos
- IIV limninių nuogulos
- gtIIIgr Viršutinio pleistoceno Grūdų positės kraštinių darinių glacigeninės nuogulos

KITI ŽENKLAI

- Pjūvis I-I** Geologinio - litologinio pjūvio Nr.
- 16 Grėžinys ir jo Nr.
- Mėginių atrinkimo vieta grėžiniuose
- I-I** Pjūvių susikirtimo vieta ir pjūvio Nr.
- Detalii išvalgytų išteklių apskaičiavimo kontūras
- Tyrimų ploto riba
- Siaurojo geležinkelio bėgiai

11 priedas. Alių sapropelio telkinio geologiniai - litologiniai pjūviai
M_h 1:2000 M_v 1:200



Гусеничный трактор ДТ-75Б описание и технические характеристики

Трактор ДТ-75Б предназначен для обработки почв на осушенных болотах и торфоразработках в агрегате с навесными, полунавесными и прицепными машинами и орудиями. Может выполнять комплекс работ по дренажу (осушению) почвы заболоченных участков местности.

Изготовитель - Волгоградский тракторный завод, начало серийного производства - с 1968 года.

Техническая характеристика трактора ДТ-75Б

Тип трактора	гусеничный, болотоходный
Номинальное тяговое усилие, кгс	3000
Масса трактора конструктивная, кг	7130
Удельная металлоемкость, кг/л.с.	95
Число передач:	
вперед:	
без ходоуменьшителя	7
с ходоуменьшителем	16
назад:	
без ходоуменьшителя	1
с ходоуменьшителем	4
Диапазон скоростей, км/ч:	
вперед:	
без ходоуменьшителя	5,15 - 10,85
с ходоуменьшителем	0,32 - 4,61
назад:	
без ходоуменьшителя	4,41
с ходоуменьшителем	0,27 - 2,8
Колея, мм	1570
База, мм	2365
Дорожный просвет, мм	326
Удельное давление на почву, кгс/см ²	0,23
Марка двигателя	СМД-14
Тип двигателя	4-цилиндровый, четырехтактный с вихрекамерным смесеобразованием
Номинальная мощность при 1700 об/мин, л.с.	75
Запас крутящего момента, %, не менее	15
Удельный расход топлива двигателя, г/э. л. с. ч.	195
Диаметр цилиндра, мм	120
Ход поршня, мм	140
Рабочий объем цилиндров, л	6,33
Масса двигателя, кг	675
Емкость топливного бака, л	245
Пуск двигателя	пусковым двигателем ПД-10М-2 с электростартером

THE ULTIMATE DESIGN FOR MULTI-TASKING!

The **New Holland E135B** short radius excavator delivers leading excavator performance with dozing and backfilling capability. The E135B is designed for construction sites that offer limited access and require low noise and exhaust emissions. The E135B offers excellent dig depth, superior breakout power, leading drawbar pull force, finish quality grading and dozing/backfilling capability.

A New, **Integrated Noise & Dust Reduction (INDR)** system reduces operating noise emissions while maximizing power and systems cooling.

Proven **MITSUBISHI** Engine Performance

The E135B incorporates proven Mitsubishi engine technology that delivers 94hp and 508 lb-ft of torque. This new excavator offering has power to out-dig, out-cycle, out-dump and out-doze the competition.

- Tier III certified 259 cu. in., 4-cylinder, turbo-charged diesel engine
- 94 Net (SAE J1349) engine horsepower @ 1,600 rpm
- 508 lb-ft of engine torque @ 1,600 rpm
- 9% more drawbar pull force than prior E130
- 9% increase in hydraulic flow

Heavy-Duty Components

- Long X-frame delivers enhanced stability and superior balance
- Durable Boom and Arm (with rock guard) are standard
- Rollers, sprockets and travel motors are sealed for long life
- Robust lift cylinders ensure maximum rated capacity
- Pumps, valves and piping are optimized for maximum efficiency
- Flanged Steel bucket bushings deliver long life



Innovative/integrated Design

- **INDR** efficiently manages incoming and outgoing air to attain low noise levels, superior system cooling and maximum particulate filtration
- Short Radius platform is ideal for working in tight spaces
- Ergonomically designed cab offers personalized comfort settings
- Integrated counter weight design blends into the overall upper-body structure, providing balance, beauty and minimal tail-swing overhang

Tier III certified 259 cu. in.,
4-cylinder, turbo-charged
Mitsubishi diesel engine
cranks out 94 hp Net (SAE).



INNOVATIVE NOISE REDUCTION TECHNOLOGY!

The New **Integrated Noise & Dust Reduction** system (**INDR**) is a unique design that provides:

- Superior filtration that extends engine air filter life
- Excellent engine and hydraulic system cooling
- Integrated counter weight design

INDR X-RAY View below demonstrates these advantages

Advanced air-flow technology draws cool outside air (**Blue** arrows) through vents that are integrated into the overall excavator structure.

A pre-filter screen traps particulates larger than 1mm before the incoming air reaches the two-stage engine air filter. High volume air proceeds to cool the radiator, hydraulic oil cooler, turbo intercooler and entire engine compartment before exhausting through the upper rear vents of the excavator (**Green** arrows).

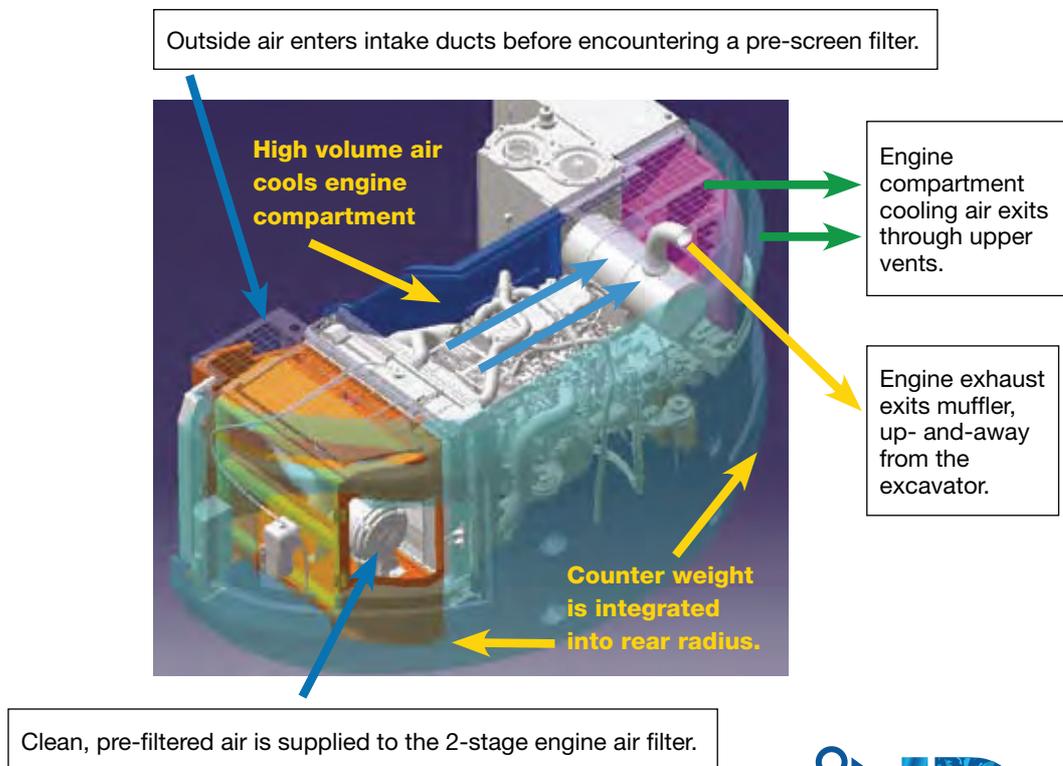
Engine exhaust emissions exit through the muffler tail pipe away from the excavator.

The **INDR** system is designed to provide premium air filtration and excellent engine cooling while reducing noise emissions by up to 5 dBA, making the E135B as quiet as many compact excavators.

INDR makes the New Holland E135B the perfect choice for working in urban setting and space-restricted environments.

INDR X-RAY View

INDR cleans and quiets incoming air, reduces exhaust noise and delivers optimum cooling.





The INDR system is completely integrated into the rear radius of the E135B. This optimizes functionality while providing balance and beauty.

The enclosed counter weight structure also provides protection and sound reduction for the tandem in-line hydraulic pumps. Hydraulic hoses, pilot filter and engine mounts are also accessible.

COMFORT DESIGNED AROUND YOU!

At New Holland, we build our products around you, the operator and it all starts with an ergonomically designed cab. From the wide entry door to the adjustable air suspension seat and right side controls, we provide the extreme comfort you deserve so you can perform at your best.

A Cab Designed Around You

- Full-size cab provides over 30% wider entry/exit room than the E130
- 7-way adjustable seat lets you personalize the level of comfort
- Key controls are located on the right-side console for easy access
- Programmable climate-control system ensures year-round comfort
- AM/FM stereo with dual speakers lets you enjoy your favorite programs
- 24 volt and 12 volt converters for charging cell phones and accessories
- Storage area is located behind operator's seat

Clear Job-Site Visibility

- The E135B cab provides clear visibility with minimal obstructions
- Large tinted glass panels provide an excellent view of the work station
- Operator is positioned for maximum visibility of all functions and controls
- Moveable front, top and side glass panels provide cross-flow ventilation

Easy-to-Read Instruments

- New Monitor includes work mode selector switch, fuel and temperature gauges, and an Orange backlit multi-display with large sun shade
- Self-diagnostics with fault code memory makes it easy to monitor and adjust system pressures, engine speed, travel speed and other functions
- Warning screens and audible alarms alert you to temperature and pressure status
- Establish and review service interval reminders for engine oil, hydraulic oil, fuel and filters

Personal Climate Control

- High efficiency/high output air conditioning & heating system
- Program a temperature between 61 and 91 degrees F (18 to 32 C) for year-round convenience and comfort
- Four fan speeds and LCD display let you monitor your environment
- Redesigned vents circulate air around the operator's compartment for exceptional air flow dynamics



The Power Mode System provides four power modes to match your work operations. The monitor features a large sunshade and orange back-lit screen for easy daytime viewing.

A personal climate control console includes an LCD display and controls for the high-output air conditioning and heating system and the four-speed fan. Just program a temperature between 61 and 91 degrees F (18 to 32 C) for optimum comfort any time of the year.





The durable, cushioned operator seat adjusts seven ways to maximize operator comfort.



Spacious dimensions and an unrivaled view make the New Holland cab a comfortable and productive place to work.

UNMATCHED POWER & CONTROL

The E135B short radius excavator offers superior control without ever leaving the operator's seat. The **Intelligent Total Control System (ITCS)** efficiently maximizes both engine and hydraulic performance to give you ground breaking power and smooth, progressive operational control. This puts you in-charge and keeps you there.

Intelligent Total Control System (ITCS)

ITCS integrates communication and execution between the engine, hydraulics and electronics for superior operational control. ITCS:

- Recognizes your moves and assists by providing progressive power, where and when it's needed, so you stay in control.
- Provides smooth, even movement required for fine grading and leveling
- Auto-Accel smoothly increases engine rpms and hydraulic flow in direct proportion to the operator's movement of the control levers. This results in even, deliberate acceleration for precise applications.
- Auto-Decel reduces engine rpms after 4 seconds of operator inactivity, extending engine life and reducing fuel cost. (Time-delay is adjustable).

Power Mode Selection

The E135B excavator provides four work modes:

- **H Mode** Heavy-duty excavation work, gives priority to the workload at high speed (default mode)
- **S Mode** Standard digging and loading work, provides fuel savings
- **B Mode** Breaker work (1-way hydraulic flow)
- **A Mode** Demolition work with crusher/nibbler-breaker (2-way/2 pump flow)

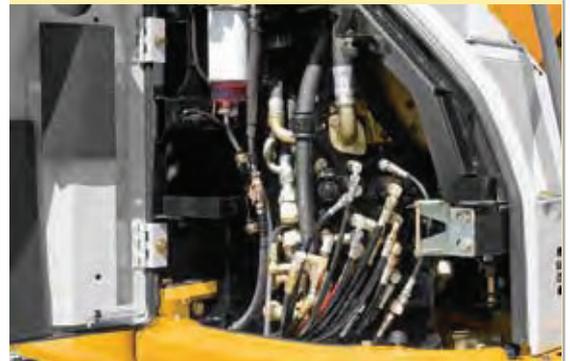
Changing modes is fast and easily viewable on the Orange, back-lit readout display

Auto Warm-up System

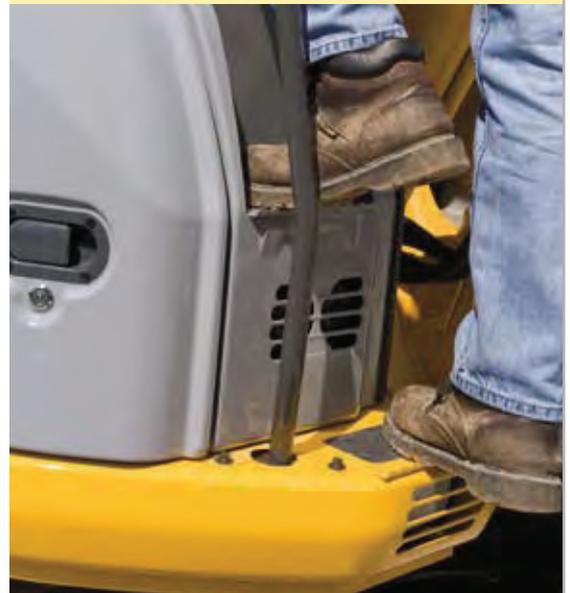
New Holland's "hands-off" engine and hydraulic warm-up system automatically warms the hydraulic circuit to an optimum 126 degrees (F) and kicks-in whenever ambient temperatures drop below 50 degrees (F). This feature maximizes system efficiency so you can be more productive.



2-Stage engine air filter and radiator systems are accessible after removal of pre-filter screen.



Swing-out front door panel provides access to valve assembly and hydraulic lines.



Anti-slip step pads and support rail provide secure access to upper structure.



Dual 80 Amp Hr batteries are easy to access and protected by heavy-duty rubber cover.

E135B Dimensions, Weights & Bucket Selection Chart

E135B DIMENSIONS		Standard Arm		Optional Arm	
	ARM LENGTH	9' 4" (2.84 m)	7' 10" (2.38 m)		
	BOOM LENGTH	15' 5" (4.72 m)	15' 5" (4.72 m)		
	A. Overall length	24' 7" (7.5)	24' 2" (7.37)		
	B. Overall width (with 600 mm shoe)	8' 6" (2.59)	8' 6" (2.59)		
	C. Overall height (to top of boom)	10' 1" (3.07)	9' 4" (2.84)		
	D. Base machine length	14' 0" (4.27)	14' 0" (4.27)		
	E. Overall height (to top of cab)*	9' 3" (2.82)	9' 3" (2.82)		
	F. Ground clearance of rear end*	2' 10" (0.855)	2' 10" (0.855)		
	G. Center distance of tumbler	10' 0" (3.04)	10' 0" (3.04)		
	H. Overall length of crawler	12' 4" (3.75)	12' 4" (3.75)		
	I. Crawler height at tumbler center*	2' 7" (0.775)	2' 7" (0.775)		
	J. Track gauge	6' 6" (1.99)	6' 6" (1.99)		
	K. Width of crawler shoe	2' 0" (0.6)	2' 0" (0.6)		
	L. Ground clearance of undercarriage*	1' 5" (0.435)	1' 5" (0.435)		
M. Tail swing radius	4' 10" (1.49)	4' 10" (1.49)			
N. Height of blade	22" (0.56)	22" (0.56)			

* Excludes height of grouser bar

WEIGHTS	
E135B with 9'4" (2.84 m) std. HD arm, and bucket weighing 740 lbs (335 kg)	
Operating weight w/bucket, lb (kg)	32,040 (14,735)
Machine weight, in (mm)	31,300 (14,400)
Ground pressure, psi (kPa)	5.08 (35)
Standard counter weight, lb (kg)	7,500 (3,400)

HYDRAULIC SYSTEM	
Pump	Tandem inline variable displacement 2 VP + 1 FG
Max. discharge flow, US gal/min (l/min)	2 x 34.3 (2 x 130)
Auxiliary pump output, US gal/min (l/min)	1 x 5.3 (1 x 20)
Operating pressure:	
Implement, psi (MPa)	4,970 (34.3)
Travel, psi (MPa)	4,970 (34.3)
Swing, psi (MPa)	4,060 (28.0)
Pilot control circuit, psi (MPa)	725 (5.0)
Control valves (directional)	8-spool valves

E135B BUCKET SELECTION							
Application	Capacity (SAE)		Width		Bucket Weight		Arm ft-in (m)
	yd ³	(m ³)	in	(m)	lb	(kg)	9'4" (2.84m)
GENERAL	.30	(.229)	18	(.457)	650	(296)	H
	.44	(.336)	24	(.609)	720	(327)	H
	.58	(.443)	30	(.762)	835	(379)	M
	.73	(.558)	36	(.914)	905	(411)	L
	.88	(.672)	42	(1.066)	1,015	(460)	L
HEAVY DUTY	.30	(.299)	18	(.457)	705	(320)	H
	.44	(.336)	24	(.609)	780	(354)	H
	.58	(.443)	30	(.762)	900	(408)	M
	.73	(.558)	36	(.914)	975	(442)	L
	.88	(.672)	42	(1.066)	1,090	(494)	X

E135B Specifications

E135B WORKING RANGES Unit ft-in (m)		Standard Arm		Optional Arm			
		ATTACHMENTS					
		A. Max digging reach		28' 10"	(8.78)	27' 4"	(8.34)
		A'. Max digging reach at ground level		28' 4"	(8.64)	26' 10"	(8.19)
		B. Max digging depth		19' 7"	(5.98)	18' 1"	(5.52)
		C. Max digging height		32' 4"	(9.55)	30' 2"	(9.19)
		D. Max dumping clearance		23' 4"	(7.11)	22' 1"	(6.74)
		E. Min dumping clearance		7' 3"	(2.22)	8' 6"	(2.58)
		F. Max vertical wall digging depth		17' 6"	(5.35)	16' 1"	(4.89)
		G. Min front swing radius		7' 10"	(2.40)	6' 7"	(2.00)
		H. Height at min front swing radius		22' 6"	(6.85)	22' 5"	(6.83)
I. Digging depth for 8' (2.4 m) level bottom		18' 10"	(5.74)	17' 4"	(5.29)		
J. Horiz digging stroke at ground level		15' 6"	(4.72)	13' 10"	(4.21)		

Measurements shown are for machines equipped with the 0.7 cu. yd. (0.5 m³) bucket.

PERFORMANCE SUMMARY	
Travel speed (turtle), mph (km/h)	2.1 (3.40)
Travel speed (rabbit), mph (km/h)	3.5 (5.60)
Swing speed, rpm	11.5
Gradeability, degrees (%)	35 (70)
Drawbar pulling force, lbs (kN)	31,000 (138)
Swing Torque, ft-lbs (kN•m)	27,175 (38)
Bucket capacity range (SAE heaped), cu yd (m ³)	0.5 (0.38)

BREAKOUT FORCES		
	Standard	Optional
Arm, ft-in (m)	9' 4" (2.84)	7' 10" (2.38)
Arm breakout force, SAE lbs (kN)	12,634 (56.2)	14,006 (62.3)
Arm breakout force, ISO lbs (kN)	13,129 (58.4)	14,478 (64.4)
Bucket breakout force, SAE lbf (kN)	19,000 (84.5)	18,299 (81.4)
Bucket breakout force, ISO lbf (kN)	21,357 (95.0)	20,255 (90.1)

ENGINE		
Make and Model	Mitsubishi	D04FR-74kW
Type	Water-cooled, 4-cylinder, 4-cycle direct injection diesel engine with intercooler turbo-charger.	
Displacement, cu in (l)	259 (4.25)	
Bore, in (mm)	4.02 (102)	
Stroke, in (mm)	5.12 (130)	
Fuel tank capacity, gal (l)	52.8 (200)	
Electrical system, volts (amperes)	24 (30)	
Horsepower SAE NET, hp (kW) @ rpm	94 @ 2,000 (70.1 @ 2,000)	
Max. torque, lbf-ft (kN•m)	508 @ 1,600 (375 @ 1,600)	

REFILL CAPACITIES	
Fuel tank capacity, gal (l)	52.8 (200)
Hydraulic oil reservoir, gal (l)	26 (98.5)
Hydraulic system including oil reservoir, gal (l)	40 (140)
Cooling system, gal (l)	3.7 (14)
Lubrication: engine oil, gal (l)	4.89 (18.5)

UNDERCARRIAGE	
Track overall length, ft-in (m)	12' 4" (3.75)
Track overall width w/std. shoe, ft-in (m)	8' 6" (2.59)
Standard track shoe, in (mm)	23.6 (600)
Ground Clearance-Undercarriage, in (mm)	1' 5" (435)



SHIPPING DIMENSIONS	
Overall Excavator Height, ft-in (m)	10' 1" (3.07)
Width w/Std. Shoe, ft-in (m)	8' 6" (2.59)
Length, ft-in (m)	24' 7" (7.5)

E135B Base & Optional Equipment

STANDARD EQUIPMENT

- AM/FM radio
- Arm, 9' 4" (2.84 m) with rock guard, tapped blocks, breaker ready
- Audible warning system for high coolant temperature, low engine oil pressure, clogged air filter and oil replacement interval
- Automatic swing and travel parking brakes
- Automatic engine accel/decel feature
- Automatic engine & hydraulic warm up function
- Belly pan guard
- Boom: 15' 5" (4.72 m)
- Boom and arm holding (anti-drift) valves
- Breaker valve with flow control
- Cab is die formed, modular steel full-vision, sound insulated, with viscous silicon-filled mounts, windshield wiper, heater and defroster, cigarette lighter, ashtray, floor mat, cab light, control lever lock, tinted skylight with damper cylinder
- Climate control air conditioning/heating system
- Combined one-way or two-way auxiliary hydraulics with hand controls
- Counter weight 7,500 lbs (3,400 kg)
- Display monitor mounted on multi-function console provides status of following: aging of engine oil, fuel and hydraulic filters, system status, engine preheat, low engine oil pressure, engine coolant temperature, air cleaner restriction, battery charging, fuel level, CPU error and tachometer. Beneath monitor are switches for auto-decel, windshield washer and wiper, mode selector, one/two pump auxiliary hydraulics and swing flashers
- Dual element air cleaner
- Exhaust Gas Recirculation (EGR) system
- Electric horn
- Emergency electronic bypass
- Engine shuts down automatically if low oil pressure occurs
- Flanged brass bucket bushing
- Floor mat - removable, washable, replaceable
- Heavy duty batteries (2 x 12 volt 80 AH)
- Independent travel
- Integrated Noise Reduction System
- Lifetime lubricated track rollers, idlers and sprockets, grease cylinder track adjuster, track link disassembly mechanism, long pitch sealed and strutted track links.
- Long-life attachment bushings. Flanged bushing assembly at bucket pivot.
- Mitsubishi Engine, model D04FR-74kW
- Mode selection:
H Mode—Heavy-duty excavation work
S Mode—Standard digging and loading work
B Mode—Breaker work (1-way flow)
A Mode—Demolition work (2-way/2-pump flow)
- Standard-Duty X-Frame undercarriage
- Power outlet, 24 volt to 12 volt converter
- Proportional auto accel system
- Removable cleanout screens for radiator & condensors
- Removable travel levers with toe tabs
- Seven (7) track rollers
- Self-lubricating bushings in boom foot and boom hoist cylinders
- Service diagnostics:
Computer system displays 68 service items and 60 event fault code memory - accessible from cab
- Starting motor (24 v/5.0 kW) 30 amp alternator
- Straight travel system
- Storage compartment for manuals
- Suspension seat—7-way adjustable w/ safety belt
- Swing and travel automatic parking brakes
- Swing priority (trenching system) functions automatically
- Swing shockless valve
- Track shoes: 23.6" (600 mm) semi-triple bar grouser
- Travel Alarm
- Travel—two speed with automatic shift
- Two lever control for boom, arm, bucket and swing; pilot operated wrist controls and foot pedals
- Warm up function of engine and hydraulic system, functions automatically
- Work lights—three front and two rear

OPTIONAL EQUIPMENT

- Arm, short, 7' 10" (2.38 m)
- Boom and arm load (lock) valves
- Buckets (Esco & Hensley)
- Counter weight, Add-on, 1,290 lbs (585 kg)
- Combined one-way or two-way auxiliary hydraulics with foot controls
- Control pattern changer (ISO/BHL)
- Dozer Blade (22" blade height)
- Hydraulic oil for cold or tropical environments
- Independent low-flow rotation valve w/piping
- Quick Couplers (JRB & Hendrix)
- Rain visor
- Track shoes: 19.7" (500 mm) semi-triple bar grouser with rubber pads
- Track shoes: 27.6" (700 mm) semi-triple bar grouser
- Vandalism guards

NOTE: Due to our policy of continual product improvement, all designs and specifications are subject to change without advance notice.



More tractor. More choices.

New 7600 Series Mid-frame Row Crop Tractor

More power. More features. More versatility.

Introducing the new Massey Ferguson® 7600 Series mid-frame row crop tractors – with new cab options and features designed to enhance operator and tractor productivity and efficiency. These tractors are exactly right for you. How do we know? Because we designed the 7600 Series to offer more features and options to make it just the tractor you need – no matter the type of operation. From planting corn to loader work, baling hay to feeding it, 7600 Series tractors deliver performance and efficiency season after season.

The four new models of the 7600 Series range from 170 to 225 engine HP and feature your choice of high-performance Dyna-6™ or the unique Dyna-VT™ transmissions. Comfortable new cab styling and industry exclusive features including programmable cruise speeds, Dynamic Tractor Management, and 2nd generation e3™ SCR technology combine to make a powerful package in the field or around the farm.

Still leading the way in SCR technology.

Massey Ferguson was the first to introduce SCR emissions technology on row crop tractors in 2009. And we're making sure the new 7600 Series meets all Tier 4i standards while offering all the benefits of the latest generation of our e3 SCR technology - including minimal system maintenance and real time monitoring and adjustment of DEF injection for best in class total fluid efficiency. You also get a field proven emissions compliance system with the confidence that comes from working with a pioneer in SCR technology.

TRACTOR MODEL	7619	7620	7622	7624
Engine performance				
PTO hp at 2,100 rated engine rpm	140	150	165	180
ISO engine hp at 2,100 rated engine rpm	170	Dyna-VT: 185 Dyna-6: 180	200	Dyna-VT: 225 Dyna-6: 220
Maximum ISO engine hp at 2,100 engine rpm	185	Dyna-VT: 200 Dyna-6: 195	215	Dyna-VT: 237 Dyna-6: 235
Engine				
Rated speed (rpm)	2,100			
Maximum torque rise	35%			
Maximum power bulge	15%			
Type	AGCO POWER™			
Model	66 CTA	66 CTA	Dyna-VT: 66 CTA Dyna-6: 74 CTA	74 CTA
Number of cylinders	6			
Aspiration	Turbocharged and air-to-air aftercooled			
Type of cooling	Liquid cooling			
Displacement liters (CID)	6.6 (402)	6.6 (402)	Dyna-VT: 6.6 (402) Dyna-6: 7.4 (452)	7.4 (452)
Compression ratio	18.5:1			16.5:1
Fuel injection system	Bosch high pressure common rail, electronic injectors with variable injection timing and duration.			
Fuel	Diesel			
Fuel filter	Replaceable filter - 30µ prefilter - 5µ main filter			
Lubrication system	Gear pump at bottom of timing gear			
Oil filter	Single, spin on			
Starting aid	Thermostart			
Electrical system				
Battery	600 CCA, 12V (2 batteries)			
Alternator	175 amps - standard on Classic, optional on Deluxe.			
Alternator	Twin 120 amps - standard on Deluxe and Premium, optional on Classic.			
ISO BUS connector	50 amps - only available on Deluxe and Premium spec levels.			
Transmission: Dyna-VT				
Type	Continuously Variable			
Clutches	None			
Field speed range	0.02 - 17 mph forward and 0.02 - 10 mph reverse (0.03 - 28 kph forward and 0.03 - 16 kph reverse)			
Road speed range	0.02 - 25 mph forward and 0.02 - 24 mph reverse (0.03 - 40 kph forward and 0.03 - 38 kph reverse)			
Road speed range - optional	0.02 - 31 mph forward and 0.02 - 24 mph reverse (0.03 - 50 kph forward and 0.03 - 38 kph reverse)			
Forward/reverse speeds	Infinite			
Cruise control speeds	2			

TRACTOR MODEL	7619	7620	7622	7624
Transmission: Dyna-6				
Type	Partial powershift			
Clutches	5 discs			
Field speed range	4 ranges / 6 powershifts			
Road speed range	25 mph (40 kph) to 31 mph (50 kph)			
Speeds	24 forward / 24 reverse			
Cruise control speeds	2			
Brakes and final drives				
Type of final drives	Inboard planetary			
Type of brakes	Wet disc			
Brake actuation	Hydraulic			
Trailer brake	Option hydraulic and/or pneumatic			
Rear axle				
89.6 in. short axle	Optional on Dyna-VT editions			
113 in. long axle	Standard on Dyna-VT editions			
84.4 in. (95 mm) standard duty short axle	Optional on Dyna-6 editions		NA	
112.1 in. (95 mm) standard duty long axle	Standard on Dyna-6 editions		NA	
86.7 in. (110 mm) heavy duty short axle	NA		Optional on Dyna-6 editions	
118.2 in. (110 mm) heavy duty long axle	NA		Standard on Dyna-6 editions	
Differential lock - full-locking, electro-hydraulic	Standard			
Front axle				
2 wheel drive	NA			
4 wheel drive differential lock	Full-locking, electro-hydraulic standard			
4 wheel drive engagement	Electro-hydraulic			
4 wheel drive maximum steering angle	55°			
Quadlink front axle suspension	Standard on Deluxe and Premium, optional on Classic			
Quadlink differential lock	Standard - full-locking, electro-hydraulic			
Front axle lead ratio	1.345	1.345	Dyna-VT: 1.345 Dyna-6: 1.343	Dyna-VT: 1.347 Dyna-6: 1.353
Hydraulics				
System type	Closed Center Load Sensing (CCLS)			
Total flow rate gallon (L) - std./ opt.	29 (110) / 39 (150)			
Maximum pressure PSI (Bar)	2,900 (200)			
Available flow rate per spool valves gpm (L/min)	24.3 (92)			
Remotes - Classic edition - std. (opt.)	3 mechanical (opt: 4 mechanical)			
Remotes - Deluxe edition - std. (opt.)	2 electric fingertip, plus 2 mechanical (opt: electric joystick)			
Remotes - Premium Dyna-VT edition - std. (opt.)	4 electric fingertip (opt: electric joystick)			
Remotes - Premium Dyna-6 edition - std. (opt.)	4 electric fingertip (opt: 5 electric fingertip, electric joystick)			
Coupler size	ISO 1/2 in.			

TRACTOR MODEL	7619	7620	7622	7624
Steering wheel				
Steering wheel	Tilt and telescopic			
SpeedSteer™	Standard on Deluxe and Premium, not available on Classic.			
3-point hitch - rear				
Category 3 with fixed ball end links with category 3 quick hitch	Standard			
Stabilizers	Rub block on Dyna-6, variable telescoping on Dyna-VT.			
Lift capacity 24 in back of the pin	12,500 for Dyna-6 editions, 11,650 for all Dyna-VT editions.			
Category 3 with fixed ball end links without quick hitch	Optional			
3-point hitch - front				
Category 3	Optional			
Maximum lift capacity at link end lbs (kg)	8,818 (4,000)			
Drawbar				
Category 2 swinging with clevis pin	Standard			
Maximum vertical static load lbs (kg)	5,755 (2,610)			
PTO				
Speeds rpm	Dyna-6 Classic base is 540/1000 540/540e/1000 not offered on Classic Dyna-6 540e/1000e/1000 optional on Dyna-6 Deluxe & Premium			
Engagement	Electro-hydraulic			
Shaft diameter in (mm)	1.375 (35) 6-spline / 1.375 (35) 21-spline			
Engine speed if PTO at 540 rpm	Dyna-VT: 1,932 Dyna-6: 1,890			
Engine speed if PTO at 1,000 rpm	Dyna-6: 2,000	Dyna-6: 2,000	Dyna-6: 2,000	Dyna-VT: 1,903 Dyna-6: 1,930
Engine speed if PTO at economy	540 speed Dyna-6: 1,524 540 speed Dyna-VT: 1,488 1000 speed Dyna-6: 1,595			
Operator area				
Cab glass area ft² (m²)	61 (5.67)			
Noise level dB(A)	70			
Hydraulic cab suspension	Standard on Deluxe and Premium, not available on Classic.			
Operator seat - air suspension	Standard			
Deluxe operator seat	Optional			
Transmission control(s)	Right console/armrest on Deluxe and Premium. Right console on Classic.			
Forward control(s)	Left-hand control			
Cab doors (2)	Standard			
Control Center Display	Standard on Deluxe and Premium, not available on Classic.			

Second generation e3 Selective Catalytic Reduction (SCR)

Our AGCO POWER™ diesel engines are optimized for high performance, low particulate emissions and low fuel consumption.



- 1 Diesel Exhaust Fluid Tank
- 2 Diesel Oxidation Catalyst (DOC)
- 3 SCR Catalyst (inside exhaust)
- 4 NOx Sensors (after turbo and on exhaust)

TRACTOR MODEL	7619	7620	7622	7624
Guidance system				
Auto-steering ready with Topdock included and control center display	Standard on Premium, optional on Deluxe, not available on Classic.			
Auto-steering ready without Topdock with control center display	Standard on Deluxe, optional on Premium, not available on Classic.			
Digital instrument panel with radar and slip control	Standard on Classic.			
Capacity				
Fuel tank capacity gallon (L)	114 (431.5)			
Diesel Exhaust Fluid capacity gallon (L)	11 (40)			
Hydraulic reservoir capacity gallon (L)	26.4 (100)			
Dimensions & weight*				
Wheelbase in. (mm)	117 (2,972)	117 (2,972)	117 (2,972)	117.8 (2,993)
Overall length in. (mm)	199.2 (5,060)			
Maximum height over cab in. (mm)	120.7 (3,066)			
Approx. shipping weight lbs (kg)	15,800 (7,167)	15,800 (7,167)	15,800 (7,167)	15,990 (7,253)

*All dimensions measured with 18.4R42 rear tires and 14.9R30 front tires

AGCO® Corporation has a company policy of continuous improvement; therefore, specifications are subject to change without notice.

masseyferguson.com/7600Series



AGCO ANSWERS

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We proudly support:



Трактор МТЗ 1025.3



Трактор предназначен для выполнения различных сельскохозяйственных работ с навесными, полунавесными и прицепными машинами и орудиями, работ на транспорте.

- Технические характеристики

Двигатель

Тип	4-х цилиндровый, с турбонаддувом с охлаждением наддувочного воздуха
Мощность, л.с./кВт	110,2/81,0
Марка	Д-245S2
Экологический стандарт	Stage II
Удельный расход топлива, г/(кВт·ч)	249,00 ⁺⁵
Максимальный крутящий момент, Н·м ²	429

Трансмиссия

Коробка передач	синхронизированная
Муфта сцепления	фрикционная однодисковая постоянно-замкнутого типа
Число передач вперед/назад	16/8
Задний ВОМ, мин ⁻¹	540/1000

Гидросистема

Грузоподъемность заднего навесного устройства на оси подвеса, кг, не менее	4200
Максимальное давление, Мпа	20 ₂
Объемная подача насоса при номинальной частоте вращения коленчатого вала дизеля, л/мин, не менее	56
Емкость бака гидросистемы, л	28,5 ± 0,5

Ходовая система

Тип	колесная
Колесная формула	4К4

Шины

передние	360/70R24; 11,2R24
задние	15,5R38; 18.4R34; 9.5R42; 11,2R42

Прочие характеристики

Тормоза/тормоза прицепа	Сухие (мокрые) трехдисковые/пневматические, заблокированные с управлением тормозами трактора
Масса максимально допустимая, кг	8000
Климатическое исполнение	У1,Т1
Минимальная и максимальная скорость вперед/назад, км/ч	Min 2,3/4,1; Max 36,6/17,2
Реверс редуктор	механический

Особенности модели

Дизель по выбросам вредных веществ соответствует экологическим требованиям ступени Stage II.

Возможности дополнительной комплектации:

- Тормоза, работающие в масляной ванне;
- Ходоуменьшитель;
- Комплект для сдвигания задних колес;
- Кондиционер;
- Дополнительное сиденье;
- Тягово-сцепное устройство лифтового типа;
- Двухпроводный пневмопривод.

Трактор МТЗ 1025.3

Трактор **МТЗ 1025.3** представляет собой технику, пользующуюся повышенным спросом как на производстве, так и в частном применении. Это обусловлено теми преимуществами, которыми обладает модель, начиная от экономного расхода топлива и заканчивая низкой стоимостью сервисного обслуживания. Его непритязательность уже стала символом линейки тракторов МТЗ 1025.

Кроме основного сельхозпредназначения, **Беларус 1025.3** хорошо зарекомендовал себя в иных сферах применения, его технические характеристики, такие как мощность двигателя – свыше 110 л.с. с импортными комплектующими, позволяют использовать технику и на сложных задачах, вплоть до корчевания леса.

Motovežis (šilumvežis) ESU-2

ЭСУ-2

Технические характеристики:

- Длина — 8 300 мм
- Колея — 750 мм
- Конструкционная скорость — 40 км/ч
- Мощность дизеля — 108 л.с. (D-108 variklio modelis)
- Осевая формула — 20-20
- Служебная масса — 17 т
- Тип передачи — механическая

Durpių gabenimo vagonai TSV-6A

Торфовозные вагоны ТСВ-6А и ТОВ-1 предназначены для перевозки кускового и фрезерного торфа по железным дорогам с шириной колеи 750 мм. и разгрузки его на эстакадах, в бункера и другие подрельсовые устройства.

	ТОВ-1
Грузоподъемность, т	12,8
Вес тары, т	5,5
Объем, м ³	30
Число разгрузочных люков, шт.	-
Число запирающих механизмов, шт.	-
Угол наклона днища, град	-
Ширина разгрузочной щели, мм	-
База вагона, мм	4500
Длина, мм	-
по буферам	8260
по раме	7500
Ширина кузова (наружная), мм	2500
Высота от головки рельса	-
до верха кузова, мм	2680
оси буфера, мм	620

Характеристики:

Производитель: ОАО "СТАНКОСТРОИТЕЛЬНЫЙ ЗАВОД им. С.М.КИР

Šūsniavimo mašina MTF - 71

Технические характеристики Д50 (дизельный двигатель)

мощность номинальная – 55 л. с./ 41 кВт

рабочий объем всех цилиндров – 4,75 л

диаметр рабочего цилиндра – 110 мм

номинальная скорость вращения коленчатого вала – 1 700 об/мин

Удельный расход топлива для работы дизеля при номинальной мощности - 224 г/кВт*ч

крутящий момент – 23,2 Н×м

вес двигателя – 410 кг

Fendt 312 Vario

Technical data

Engine: 81kW/110hp (to ECE R24 standard) at 2,100rpm, watercooled, four-cylinder Deutz TCD 2012L4-4V engine with common-rail injection, four-valve/cyl technology, external exhaust recirculation (Tier IIIa), turbocharger and intercooler. Four-litre piston displacement; 210-litre fuel tank

Transmission: Stepless Vario ML75 gearbox. Up to 40km/hr maximum travel speed at 1,750rpm engine revs; 25km/hr in reverse. Powershuttle and cruise control

Brakes: Wet ring piston brakes, automatic 4WD engagement; hand brake is dry drum brake. Air brake and optional engine brake

Electrics: 12V battery (90Ah), 150-amp alternator. 3.0kW/4.1hp starter motor

Linkage: Cat II (switchable to III); ELC with draft link control and auto shock absorption

Hydraulics: Two gear pumps. 30 litres/min and 48 litres/min (combined), 200 bar; two double-acting and flow-controlled spool valves. Available oil for external use by towed/mounted implements is 40 litres

Pto: 540/540E/1,000 or 540/1,000/ground speed; 1 3/8in; electrohydraulic engagement

Axles and running gear: Rear planetary axle; front axle with Locomatic self-locking diff; front axle suspension system and cab suspension are options. Front test tyres 480/65 R24, rear test tyres 540/65 R38

Service and maintenance: 11 litres engine oil (500-hour intervals), 35 litres transmission oil (1,000 hours), 60 litres hydraulic oil (1,500 hours); 20-litre cooling system

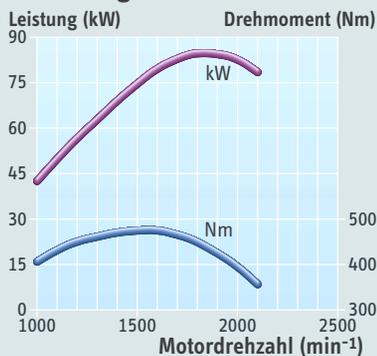
Price: £57,417 excluding VAT for base spec. Front linkage adds £1,862 or £2,033, front pto £2,034 and front suspension £2,886



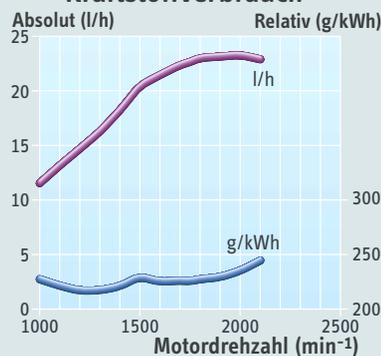
Results from the test station

Pto output:	
Maximum (at 1,800rpm)	84.8kW
At rated engine speed (2,100rpm)	78.4kW
Fuel consumption: (pto at work)	
Specific at max output	227g/kWh
Specific at rated speed	245g/kWh
Absolute max/rated speed	23.0 and 22.9l/hr
Torque:	
Max	477Nm (1,600rpm)
Torque rise	34.0%
Engine speed drop	14.3%
Start-off torque	114%
Transmission:	
No. of gears in 4-12km/hr range	Stepless
Rear lift powers: (90% of max oil pressure)	
Bottom/middle/top	4,035/4,535/4,305daN
Lift range under load	69.0cm (20-89cm)
Front lift powers: (90% of max oil pressure)	
Bottom/middle/top	2,165/2,405/2,815daN
Lift range under load	68cm (19-87cm)
Hydraulic output:	
Operating pressure	215 bar
Max flow	77.6 litres/min
Max output	21.5kW (66.4 litres/min, 194 bar)
Drawbar power:	
Max (1,800rpm)	71.5kW (280g/kWh)
At rated speed	67.0kW (301g/kWh)
Noise level: (Under load at driver's ear)	
Cab closed/open	75.5/81.5dB(A)
Braking:	
Maximum mean deceleration	5.0m/s ²
Pedal force	45daN
Turning circle:	
4WD disengaged/engaged	10.35m/11.10m
Dimensions and weights:	
Front axle	2,320kg
Rear axle	2,870kg
Unladen weight	5,190kg
GVWR/payload	7,500kg/2,310kg
Power-weight ratio	64kg/kW
Wheelbase	235cm
Track width front/rear	186/181cm
Ground clearance (without front linkage)	47.0cm

Leistung und Drehmoment



Kraftstoffverbrauch



Fuel economy at typical performance

Working areas	Output	Speed	g/kWh	l/hr
Standard speed pto 540rpm	100%	1,906	229	23.1
Economy speed pto 540Erpm	100%	1,500	230	20.4
Standard speed pto 1,000rpm	100%	1,885	228	23.1
Economy pto 1,000Erpm	100%	-	-	-
Engine in top speed range	80%	max	257	19.3
High output	80%	90%	236	17.6
Transport work	40%	90%	293	11.0
Low output, 1/2 speed	40%	60%	265	9.8
High output, 1/2 speed	60%	60%	205	11.7

The test results

Engine: ++	
Performance characteristics	2.9
Fuel economy	1.2
Pto output/drawbar power	1.9
Strong power curve; upgraded test score due to low diesel consumption of Tier IIIa engine.	
Transmission: ++	
Gearbox ratios/functions	1.4
Shifting	1.6
Clutch, throttle	1.4
Pto	1.5
Excellent infinitely variable speed gearbox, straightforward to fathom and operate; 40km/hr at reduced speed, 50km/hr not available; three pto speeds available.	
Axles and running gear: +	
Steering	1.6
Four-wheel drive and diff lock	2.2
Hand/foot brake	2.4
Front-axle/cab suspension	1.4
Weight and payload	3.2
Turning circle is good for this power range; nicely weighted steering. No automatic 4WD and differential lock management; average payload at 7.5t gross vehicle weight rating.	
Linkage/hydraulics: O/+	
Lift power and lift height	2.9
Operation	1.4
Hydraulic output	2.1
Spool valves	2.3
Hydraulic couplers	1.3
Lift capacity and lift range on rear linkage rate no better than average in this hp sector; reasonable hydraulic output; robustly built linkage and convenient linkage operation.	
Cab: O	
Space and comfort	3.0
Visibility	2.3
Heating/ventilation	3.4
Noise level	3.2
Electrical system	2.1
Build quality	2.0
Maintenance	1.9

Nearside access is satisfactory, whereas the offside entry is awkward enough to persuade operators only to use it as a last resort. No enclosed stowage compartments. Passenger seat hinders access. Steering wheel obstructs view of digital dash. Noise levels, at 75.5dB(A), are far from the quietest in the current market.

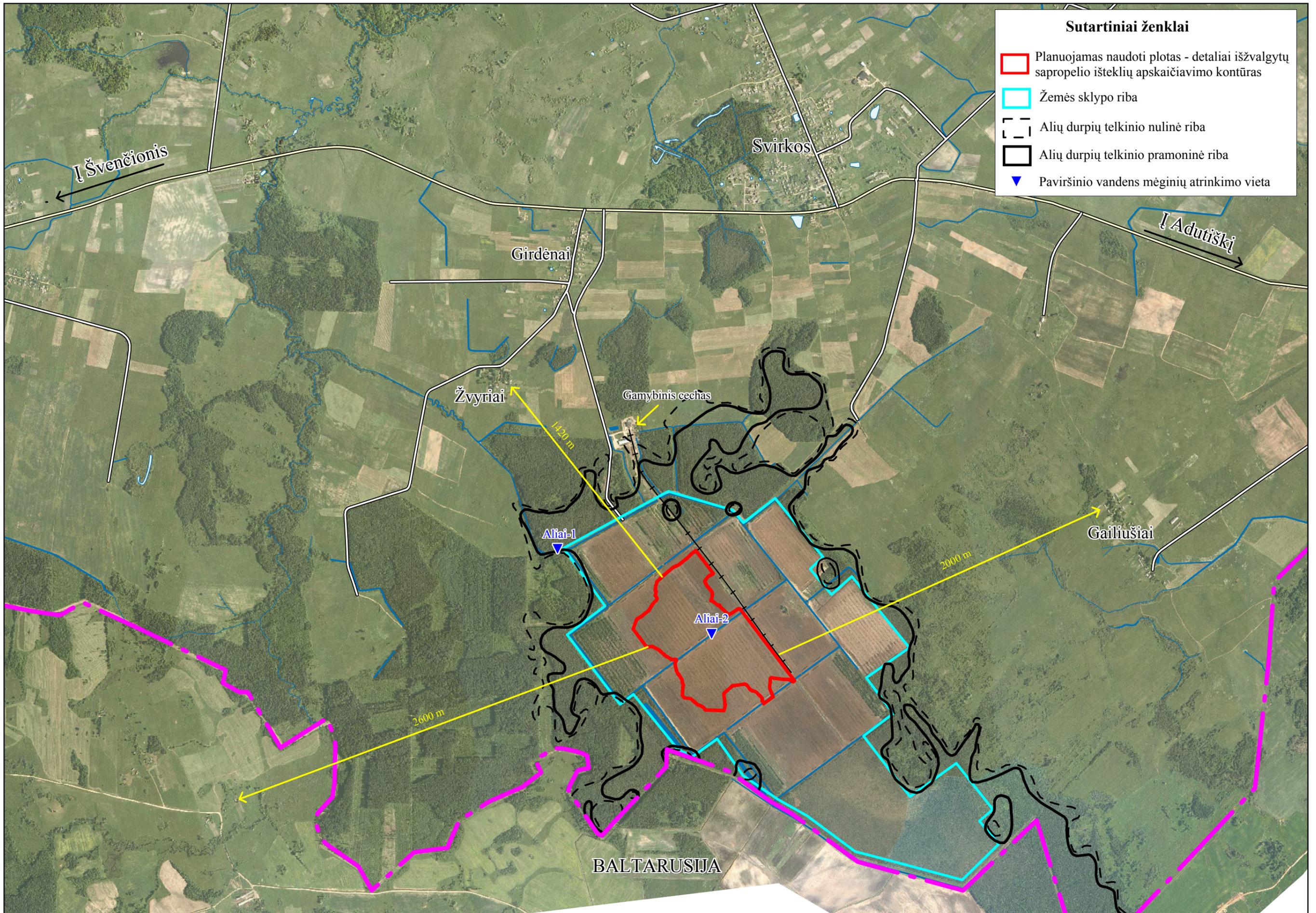
Ability:	--	-	O	+	++
Basic standards					●
Average standards					●
High standards				●	
Field work				●	
Grassland work					●
Transport work					●
Loader work					●

Price: Low High
£45,000 to £50,000 ●

Typical farmer buying price after discount excluding VAT for base specification Fendt 312 Vario tractor model

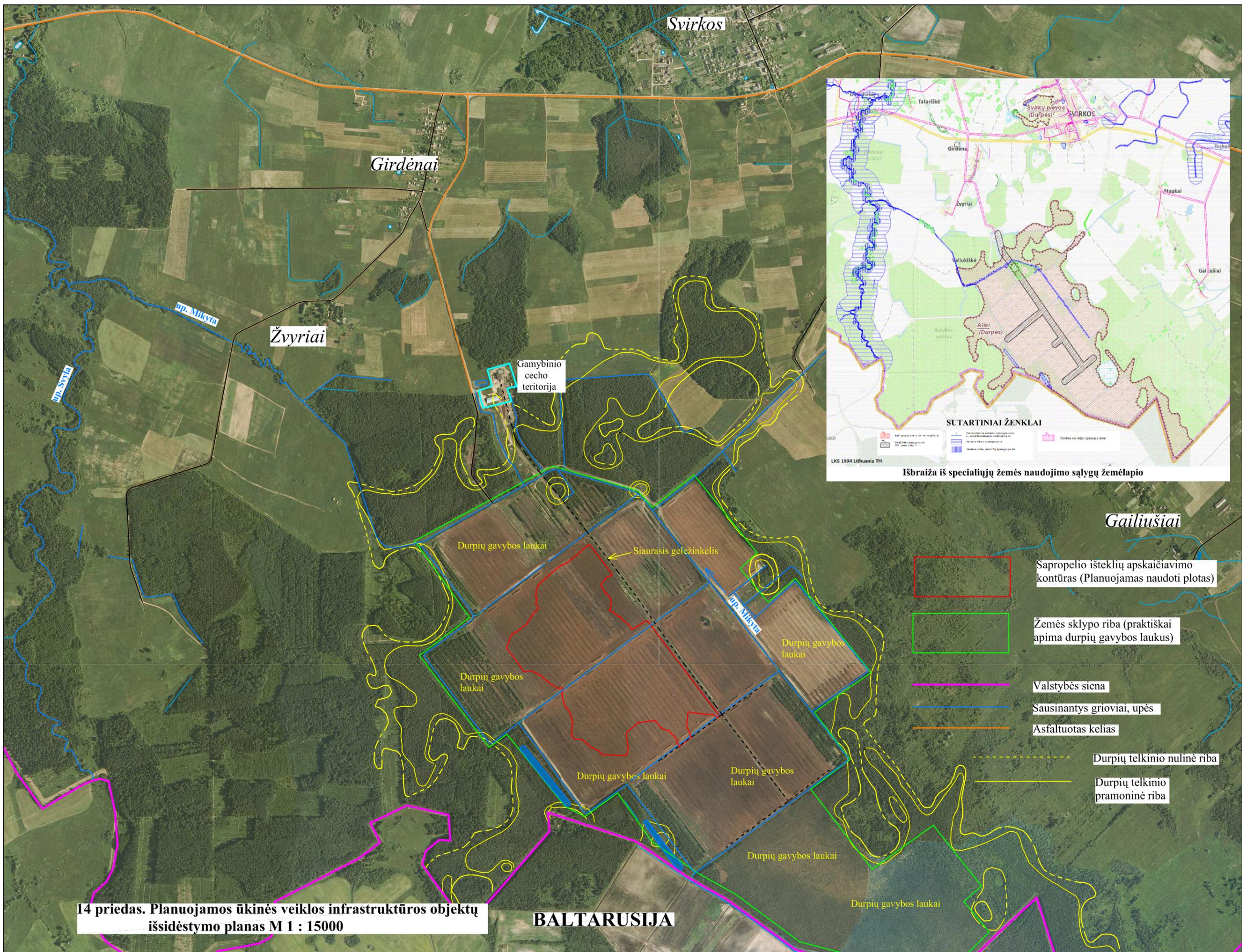
Grading system:	O average
++ very good	-- poor
+ good	- below average

The individual marks are extracts from our assessments and do not necessarily result in a mathematically conclusive overall mark



Sutartiniai ženklai	
	Planuojamas naudoti plotas - detaliai išžvalgytų sapropelio išteklių apskaičiavimo kontūras
	Žemės sklypo riba
	Alių durpių telkinio nulinė riba
	Alių durpių telkinio pramoninė riba
	Paviršinio vandens mėginių atrinkimo vieta

13 priedas. Planuojamos ūkinės veiklos dislokacijos vietos planas M 1 : 20000



14 priedas. Planuojamos ūkinės veiklos infrastruktūros objektų išsidėstymo planas M 1 : 15000

BALTARUSIJA