

1. Назва теми: **Road-building machinery. Passive Voice**

2. **Основні терміни:** to intend, distribution, to pave,
to lay, to thick, to repair,
to present, to carry, surface,
to mark, cutter, roller, removal, to spread

3. **Основні поняття:** Пасивний стан. Утворення та вживання.

4.1 Матеріал лекції

Asphalt Pavers

Asphalt pavers are intended for distribution, laying and preliminary thickening of all kinds of asphalt, road concrete and bitumen-chemical mixes, over thick and prepared basis, for highways, city streets, squares and airports construction and repair. Machines, presented in the section: Asph-G-3-08, Asph-K-2-04, Asph-K-3-02 etc...

Graders

Graders are intended for performing of excavation and grading works in road construction, railway, airfield, land reclamation, irrigation and hydraulic engineering in carrying out of earthworks of large amounts. Machines, presented in the section: GS-10.01, GS-14.02, GS-14.03, GS-18.05, GS-18.07, GS-25.09, GS-25.11, DZ-98 etc...

Machines for pit repair

Machines for pit repair are intended for mechanization of pit repair process on asphalt concrete surfaces of the roadways.

Machines, presented in the section: UYAR-1, Kobit Turbo, Kobit Turbo Uni, Savalco SR, VA 100-500 etc....

Road combined machines

Road combined machines are intended for whole-year maintenance of roads with solid surfaces.

Machines, presented in the section: MDKZ-10, MDKZ-20, MDKZ-21, MDKZ-22, MDKZ-30, MDK-1, MSO, HTZ-2511-09 etc...

Road marking machines

Road marking machines are intended for mechanical laying and removal of road paint, plastics and road markings from the road surface.

Machines, presented in the section: Demarkerator "Bobr", RMM "Muravey 600", RMM "Shmelek", RMM "Shmel 11a", "Kontur 30" etc...

Road milling cutters

Road milling cutters are intended for layer-by-layer removal of asphalt from motor roads, streets, squares and bridges during repairs and renovations.

Machines, presented in the section: DEM-112, DEM-121, FDB-1100, FDN-500, FDHS-K-1000-01, ETSU-150 etc...

Road combined rollers

Road combined rollers are intended for compaction of asphalt-concrete and bitumen-mineral solutions with significant amount of works for construction of surfaces and bases on the highways, as well as the grounds of various road-building materials.

Machines, presented in the section: DU-97, DU-99, RV line etc...

Road rubber-tired rollers

Road rubber-tired rollers are intended for compaction of asphalt-concrete and bitumen-mineral solutions with significant amount of works for construction of surfaces and bases on the highways, as well as the grounds of various road-building materials.

Machines, presented in the section: DU-100, XG6201P etc...

Road smooth-roll rollers

Road smooth-roll rollers are intended for compaction of bitumen-mineral solutions, asphalt and bases from various road-construction materials with significant amount of works on public roads and farm roads, and also for works that require high maneuverability and mobility. Machines, presented in the section: DU-82, DU-96, DU-98, XG 60051S, RV line etc...

Road soil rollers

Road soil rollers are intended for layer-by-layer compaction of preliminary planned soils and bottom base layers from various construction materials, asphalt and bitumen-mineral solutions.

Machines, presented in the section: DU-84, DU-85, DU-94, RV line etc...

Snow-removal technique

Snow-removal technique is intended for clearing of the snow from the roads and runways by its throwing away or by loading into the vehicle.

Machines, presented in the section: VMKD, KO-650U, SNP-17, FRS-200M etc...

Salt spreaders

Salt spreaders are intended for powdering with inert materials or antifreeze reagents with the possibility of wetting with the salt solution.

Machines, presented in the section: MDKZ-10, MDKZ-11, MDKZ-20 etc...

4.2 Вживання форм пасивного стану

Речення з дієсловом-присудком у формі пасивного стану вживаються в англійській мові (як і в українській) тоді, коли головний інтерес для співрозмовників становить особа або предмет, на які спрямована дія (об'єкт дії), а не той, хто виконує дію (суб'єкт дії), як у реченнях з дієсловом у формі активного стану.

У реченнях з пасивним станом об'єкт дії виражається підметом, а суб'єкт дії або зовсім не згадується, або виражається прийменниковим додатком з прийменниками *by* або *with*.

Приклади речень з дієсловом у формі пасивного стану, в яких суб'єкт дії не виражений:

Football is played all over the world.

The wounded were flown to hospital.

I am told you're an excellent chess-player.

International Women's Day is celebrated on March 8.

A new school building is being built in our street.

Реченням такого типу в українській мові звичайно відповідають неозначено-особові речення (*У футбол грають у всьому світі. Поранених літаком відправили до госпіталю. Мені говорили, що ви чудовий шахіст*) або, рідше, речення з дієсловом у формі пасивного стану (*Міжнародний жіночий день святкується 8 березня. На нашій вулиці будується новий будинок, школи.*)

Приклади речень з дієсловом у формі пасивного стану, в яких суб'єкт дії виражений прийменниковим додатком, з прийменниками *by* або *with*:

Many trees were planted by our schoolchildren last autumn.

The sky was covered with clouds.

Pilots'of spaceships are supplied with space suites.

Часи пасивного стану мають в основному ті самі значення, що й відповідні часи активного стану. У розмовній мові пасивний стан вживається порівняно рідко.

Нижче наводяться приклади речень з дієсловом у різних часах пасивного стану.

Present Indefinite Passive

World Youth Festivals are celebrated every fourth year.

Is the question settled?

You are invited to the party, aren't you?

Will you come with us?

Thank you, but I'm expected elsewhere.

Vitamins A and D are found in fats and oils. They are also contained in milk and eggs.

Past Indefinite Passive

Did you like the play?

I was completely carried away by the acting.

The ground was covered with deep snow.

I was told you were not well.

I was born in 2000.

Future Indefinite Passive

A new boarding-school will be opened this year in our town.

The plan of our trip will be discussed tomorrow, you must come by all means.

Present Continuous Passive

Ann, who's being examined now?

Past Continuous Passive

While a fire was being made some tourists went to take a swim in the river.

Present Perfect Passive

Has the classroom been aired?

I've been told you've got a good collection of stamps.

A first-class heavy industry has been built up in the USA.

It has been proved that the average speed of man's speech is 125—160 words per minute.

Past Perfect Passive

By evening all preparations for the trip had been finished and the boys went home.

I had been promised this book before you asked for it.

Future Perfect Passive

A new stadium will have been opened in our city by 19th of May.

I am sure the work will have been completed by the time you return.

Пасивний стан в англійській мові вживається значно частіше, ніж в українській, де те саме значення звичайно передається в неозначено-особових, безособових або особових реченнях з дієсловом в активному стані. Див. приклади вище, а також такі:

I was told about it only yesterday.

Мені сказали про це тільки вчора (неозначено-особове речення).

The roof of the house was torn off by the storm.

Дах з будинку зірвало бурєю (безособове речення).

She is laughed at by everybody.

Всі сміються з неї (особове речення).

5.1 Переробіть речення, ті які можливо, з дійсного в пасивний стан:

- 1 Her mother drives her to school every day.
... She is driven to school by her mother every day
- 2 Her mother woke her up at seven o'clock.
- 3 Sue asked the waiter to bring some water.
- 4 Michael moved the boxes out of the way.
- 5 The boys walk the dog every day.

5.2 Переробіть речення, ті які можливо, з пасивного в дійсний стан:

- 1 Her excuse may not be believed by her parents.
... Her parents may not believe her excuse
- 2 The painting has been valued by an expert.
- 3 He likes being given presents.
- 4 The bill must be paid immediately.
- 5 Hot water is provided by the hotel 24 hours a day.
- 6 Our newspaper is delivered by a boy every morning.
- 7 Her wedding dress will be made by a designer in Paris.
- 8 The meeting was attended by several important art critics.
- 9 Preparations are being made by the event organisers.
- 10 An interesting book has been published by the company.

6.1 Відповіді

1. She is driven to school by her mother every day.
2. She was woken up at 7 o'clock by her mother.
3. The waiter was asked to bring some water.
4. The boxes were moved out of the way by Michael.
5. The dog is walked by the boys every day.

6.2 Відповіді

5. The hotel provides hot water 24 hours a day.
6. A boy delivers our newspaper every morning.
7. A designer in Paris will make her wedding dress.
8. Several important art critics attended the meeting.
9. The event organisers are making preparations.
10. The company has published an interesting book.