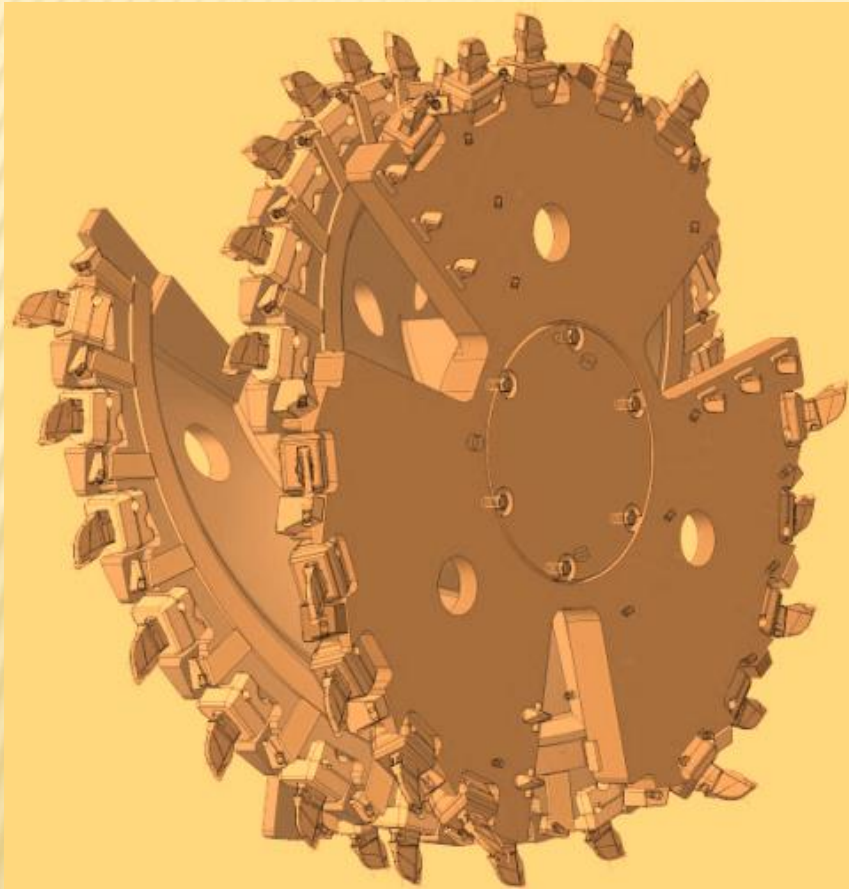


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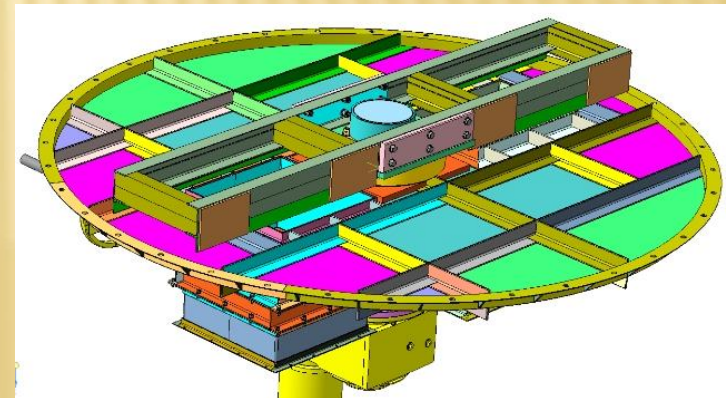
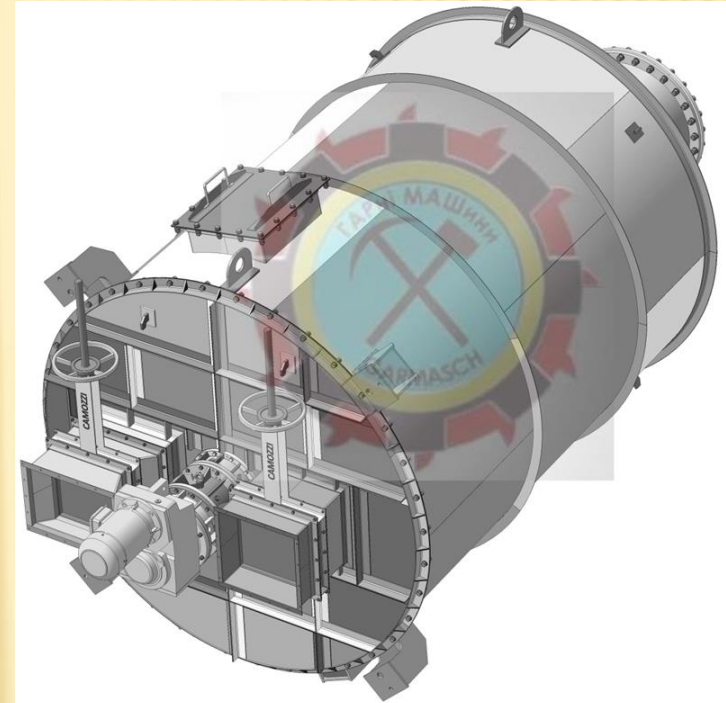
Bunker-agitator BZ-28-15 (30)

Name of the indicator	Magnitude	Note
Hopper type	Cylindrical	
The main working position of the device	Vertical	
Working internal diameter of the bunker, mm	3000	
Working internal height of the bunker, mm	4000	
Bunker working volume, m ³	28,3	
Mass of the apparatus, t	6,3	For the main performance of the device
Productivity, t / h (m ³ / h)	6 (15)	
Location of the agitator	Inside bottom	
Type of agitator	Disk (beam with windows)	
Speed of rotation of the agitator, rpm	22 (25, 31, 33, 41, 47)*	*Optional options for the basic version of the drive
	37 (47, 54, 64)**	**Optional options for additional (enhanced drive design)



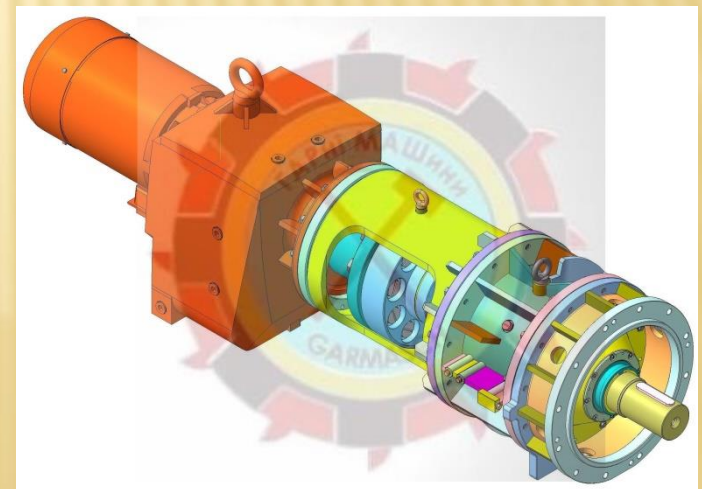
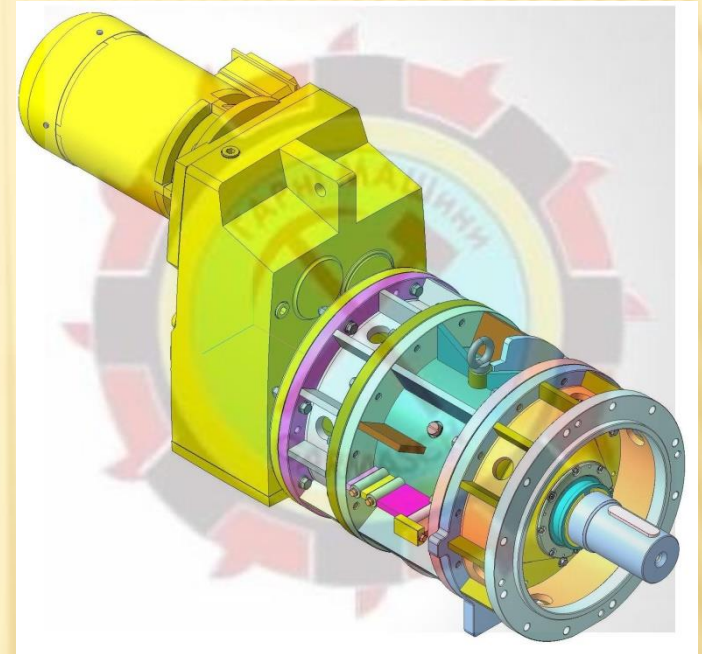
Bunker-agitator BZ-28-15 (30) - a continuation

Name of the indicator	Magnitude	Note
Nominal torque, Nm	Up to 8000	
Drive Location	Below	Block geared motor with special vertical shaft
Type of gear motor used	SK8382AFBH-160LH/4 TF	P2 = 15 kW, the company NORD (basic version)
	SK93F-200LX4	P2 = 30 kW, the company NORD (enhanced performance)
Used bearings in a vertical shaft assembly	Roller conic single-row increased load capacity, roller radial spherical double row	SKF and FAG bearings are used.
The number of downloads in the bunker	1	
Dimensions of the loading window, mm x mm	600x600	
Number of unloadings in the bunker	2	One backup for abnormal situations
Dimensions of the main discharge window, mm x mm	600x600	Equipped with a hermetic shutter



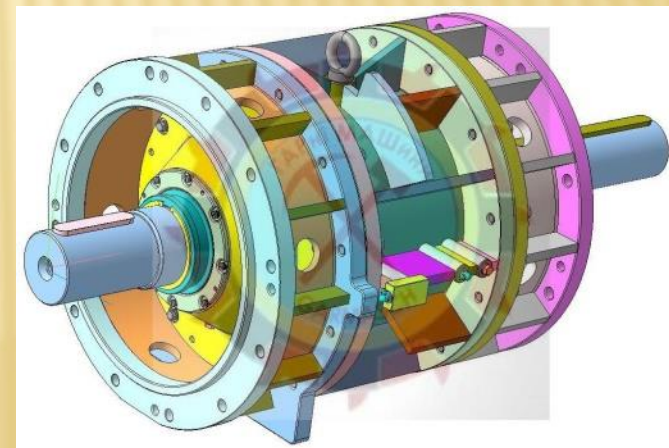
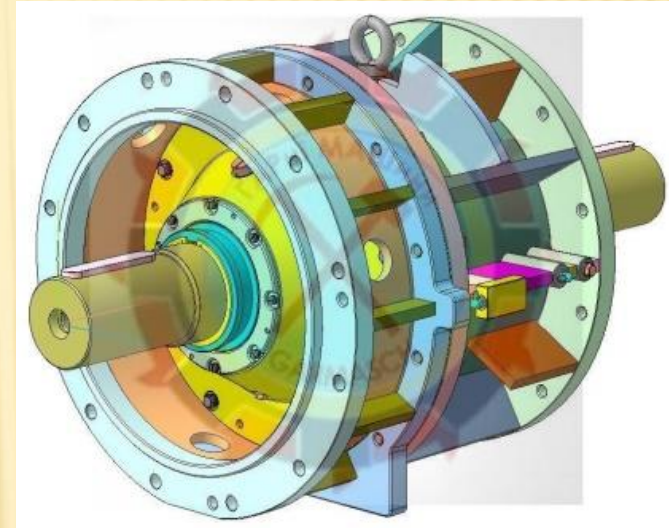
Bunker-agitator BZ-28-15 (30) - a continuation

Name of the indicator	Magnitude	Note
Sizes of the backup unloading window, mm x mm	700x500	Equipped with a hermetic shutter
The presence of a safety valve in the upper part of the hopper	There is	Adjustment pressure main 0,6 kgf / cm ² , valve of blasting type, it is possible to equip with any other types of protective devices
The presence of manhole for maintenance	There is	
Dimensions of the working opening of the manhole for maintenance, mm x mm	600x700	Other versions available upon request.
The presence of choke pipe for removal of vapor in the aspiration system	Available with flange design and process plug	DN100, another version available upon request
Tightness of the bunker	Up to 8 at	With plugged loading window, discharge windows, safety valve fitting and suction fitting
Recommended bulk density of the transported material (biofuel), t / m ³	0,4	The possibility of using other values of the bulk mass to coordinate with the developer



Bunker-agitator BZ-28-15 (30) - a continuation

Name of the indicator	Magnitude	Note
Granulometric composition of biofuel (lumpiness), mm / side	Up to 100	
The moisture content in the transported material (biofuel),%	Up to 60	
Temperature of the transported material (biofuel)	Ambient temperature	
Suitable for transporting sticking material	Allowed	
The possibility of use for the transport of material prone to arching	Allowed	
Ability to use for transportation of abrasive material	Allowed	
Suitable for transporting ammonia and chlorine vapor material	Allowed	
Estimated time of work hours per day	24	
Estimated work hours per year	8000	
The possibility of using the device in the open air	Allowed	When coordinating the conditions of transportation and characteristics of the transported material with the developer



Bunker-agitator BZ-28-15 (30) - a continuation

Name of the indicator	Magnitude	Note
Recommended ambient temperature range, ° C	+5 to +40	
Recommended ambient humidity,%	Up to 80	
Bunker case material (walls, bottom, cover)	AISI 316 (03X16H15M)	It is possible to use any other material upon request.
Agitator material	Structural steel	Coating: coal lacquer or polyurethane, AISI 316 is allowed upon request
Mode of transportation	Motor transport, railway transport	The position of the device during transportation is horizontal, there are necessary supporting surfaces and lifting lugs
Having the ability to transport the device in assembled form, in a vertical position to the required technological height +11.2 m	There is	The device is equipped with the necessary lifting hooks and support legs.
The possibility of dismantling lifting devices	Missing	Elements of the case of the device

