GOMSELMASH

Grain harvesters

Hardworking harvesters

Grain harvester **GS812**

GS812 – classic single drum harvester of middle class with 1200 mm width of thresher and 4 keys straw shaker. Reliable technological scheme and low operating costs make GS812 as optimal solution for farms with low and average grain yield. Advantages of traditional construction are supplemented by modern comfortable cabin and automatic control system on basis of onboard computer.

Modification GS812S differs by chassis with rubber reinforced tracks, which allow effectively using on soils with low supported capacity. Harvester also can be equipped with straw stacker. Depending on markets preferences harvester can be equipped with engines of different manufacturers.

Engine		
Engine model		Mercedes-Benz
Nominal engine power	h.p.	230
Fuel tank volume	l	500
Header		
Cutting width of header	m	5,0 / 6,0 / 7,0
Pick-up width	m	3,4
Threshing system		
Threshing system type	drum-type	
Threshing drum width	mm	1 200
Threshing drum diameter	mm	800
Shaft speed of threshing drum	rpm	510…875
Concave area	m^2	1,0967
Separation and cleaning system		
Straw walker	pcs	4
Length of straw walker key	mm	4 100
Separation area, not less than	m^2	4,92
Total sieve area, not less than	m^2	3,86
Grain tank		
Grain tank volume, not less than	m^3	5,5
Height of unloading auger, not less than	mm	3 800
Running gear		
Operating speed	km/h	8
Road speed	km/h	20
Overall dimensions and weight		
Length / Width / Height in operating position	mm	10 500 / 6 500 / 4 500
Length / Width / Height in transport position	mm	16 800 / 3 800 / 4 000
Weight of the thresher	kg	12 300

Grain harvester
GS12A-1

GS12A-1 is a further development of the popular grain harvester GS12 at a higher engineering level with improved design.

Grain harvesting combine GS12A-1 conforms the best analogues of the world manufacturers with it`s operating process parameters. At the same time the working cost of harvesting is several-fold lower due to low purchase price and owning cost.

Engine		
Engine model		Mercedes-Benz
Nominal engine power	h.p.	330
Fuel tank volume	l	600
Header		
Cutting width of header	m	6,0 / 7,0 / 9,2
Pick-up width	m	3,4
Threshing system		
Threshing system type	drum-type	
Threshing drum width	mm	1 500
Threshing drum diameter	mm	800
Shaft speed of threshing drum	rpm	440…875
Concave area	m^2	2,39
Separation and cleaning system		
Straw walker	pcs	5
Length of straw walker key	mm	4 100
Separation area, not less than	m^2	6,15
Total sieve area, not less than	m^2	5,0
Grain tank		
Grain tank volume, not less than	m^3	9
Height of unloading auger, not less than	mm	4 000
Running gear		
Operating speed	km/h	8
Road speed	km/h	20
Overall dimensions and weight		
Length / Width / Height in operating position	mm	11 200 / 7 600 / 4 650
Length / Width / Height in transport position	mm	18 100 / 3 900 / 4 000
Weight of the thresher	kg	16 600

Grain harvester **GS16**

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GS16 by its performance ranks the top level in model range of Gomselmash combines. Combine of modern technical level with 530 h.p. engine designed for farms with large volume of harvesting of high-yielding cereals, grains, legumes and other threshed crops.

Double drum threshing system with pre-accelerating of grain mass flow provides careful threshing and high productivity. Instead of key straw shaker combine equipped with rotary separator with two rotors, "wrapped" with fixed lattice decks and rotating in opposite directions. Such combined scheme mixes advantages of drum threshing and rotary separation is best suited for farms, which at the same time in high volumes harvested cereal crops and corn for grain.

Engine		
Engine model		Liebher
Nominal engine power	h.p.	530
Fuel tank volume	l	800
Header		
Cutting width of header	m	6,0 / 7,0 / 9,2
Pick-up width	m	4,4
Threshing system		
Threshing system type	hybrid	
Threshing drum width	mm	1 700
Threshing drum diameter	mm	600
Shaft speed of threshing drum	rpm	582…1152
Concave area	m^2	1,26
Separation and cleaning system		
Straw walker	pcs	2
Length of straw walker key	mm	4 260
Separation area, not less than	m^2	4,2
Total sieve area, not less than	m^2	5,8
Grain tank		
Grain tank volume, not less than	m^3	10
Height of unloading auger, not less than	mm	4 100
Running gear		
Operating speed	km/h	10
Road speed	km/h	20
Overall dimensions and weight		
Length / Width / Height in operating position	mm	10 950 / 9 700 / 4 870
Length / Width / Height in transport position	mm	20 270 / 4 100 / 4 000
Weight of the thresher	kg	18 050

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Forage harvesters

Harvesters capable of anything

Forage harvester **FS8060**

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FS8060 - powerful forage harvesting complex suits to large agricultural enterprises focused on the high level of animal farming development. Well-designed construction, parts and components produced on advanced equipment, components from best suppliers are the basis for maximum performance of harvester in various operations.

Six-rollers feeding device – three stage of powerful pressing of leafy weight for quality and energy-saving chopping. The space cab of new unified series with excellent panorama has a high level of ergonomics.

Engine		
Model	Liebher	
Nominal engine power	kW / h.p.	465 / 632
Fuel tank volume	l	1 115
Operating width		
Header for stemmed crops harvesting	m	6,0
Pick-up	m	**3,0** / 3,8
Header for grass harvesting	m	6,0
Operating height of cutting device		
Header for stemmed crops harvesting	mm	120-300
Header for grass harvesting	mm	50-220
Feeding device		
Width	mm	770
Number of rollers	pcs	6
Metal detector, stone detector	serial	
Drum type chopping device		
Width of chopping device	mm	780
Diameter of chopping device	mm	630
Number of knives on the drum	pcs	40
Variants of knives position	pcs	20 / 40
Cutting lenght	mm	12…48 / 6…24
Rotation angle of silage duct	°	210…220
Loading height of chopped mass into vehicle	m	4,5
Motion speed		
Velocity range	km/h	0 - 40
Maximal operating speed	km/h	14
Length / Width / Height in transport position	mm	6 980 / 3 920 / 4 000