

# DUCAT GOLD

HEAVY DISC HARROWS

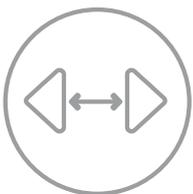
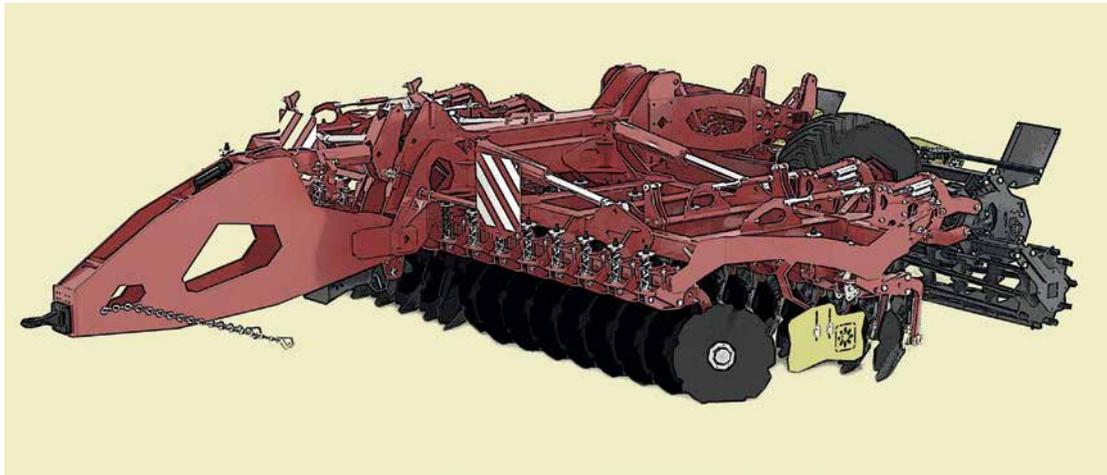
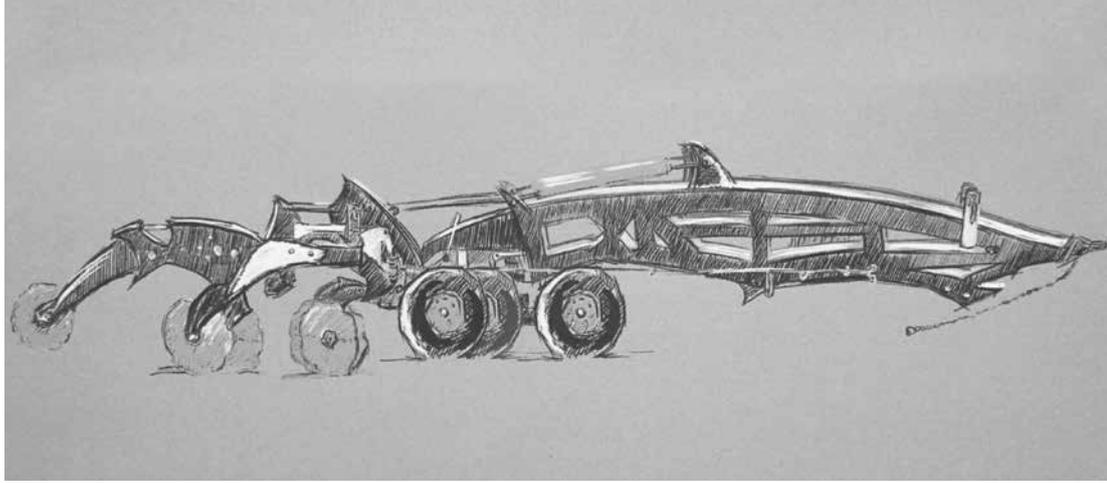


***MAKE YOUR MONEY WORK!***



# DUCAT GOLD

GOLD STANDARD OF DISC HARROWING



6 - 8 m



min 300 hp



min 12 ha/h



724 mm



Tines with discs



New bigger discs



Protection of tines

Tines are made of high quality steel and endure high loads on dry soil. Attack angle of discs is  $20^{\circ}$ , while the angle to the movement direction is  $12^{\circ}$ .

This provides fast discs penetration into the soil and uniform tillage, as well as an optimal combination of chopping and mixing of the soil with crop residues.

Diameter of discs is 724 mm. They cope with any stubble remains at depth up to 20 cm.

Double spring creates an optimal pressure on the tine, which keeps work depth when destroying remains of rough crops, and protects it from overloads





Rollers

For simple depth setting the rollers are hydraulically regulated from a tractor cab.



Smooth run and thorough work

Heavy disc harrow is equipped with a balance drive system, which provides a smooth run during work and transportation by public roads and cross country.



Hydraulic protection

DUCAT GOLD has a hydraulic lock for safe transportation of folded machine, which is activated by the tractor's hydraulic system.

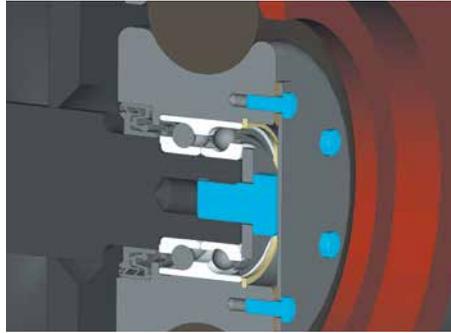




**HARP AGRO UNIT**

Special bearing units have been developed for DUCAT GOLD (from HARP AGRO UNIT series, which are widely used in agriculture machines and provide failure-free operation for a long term).

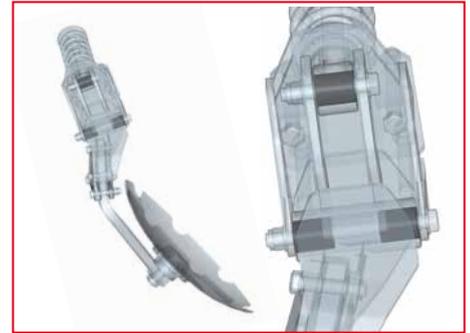
Bearing units have enhanced durability due to superreliable three-level protection of bearings, which, in turn, don't require additional lubrication.



**Reliable bearings of roller**

Roller is equipped with a special maintenance-free bearing unit HARP AGRO UNIT.

There is an additional rubber ring around the bearing which prevents axial misalignments and absorbs shock loads. The X-SHIELD sealing protects bearing from moisture and dirt.



**Maintenance-free tines**

Tines are equipped with plain bearings, so there is no additional lubrication points, and maintenance-free period is increased.

Plain bearings are durable and designed for medium and heavy loads at small speeds and high vibration level. Bearings are mounted on three points of the tine and distinguished with low friction rate, good wear resistance and shock absorbing.





Blocking with organic mass is eliminated due to high frame (70 cm). Rear rollers and support wheels provide precise work depth.

<b>TECHNICAL DATA</b>	<b>DUCAT GOLD-6</b>	<b>DUCAT GOLD-8</b>
Working width, m	6	8
Tractor power, hp	min 300	min 400
Coupling with tractor	semi-trailed	semi-trailed
Weight, kg	10 705	13 459
Number of discs, pcs.	38	50
Disc with big diameter, mm	724	724
Load per disc, kg	280	270
Heavy tine	spring block	spring block
Operation depth, cm	5-20	5 - 20
Operation speed, km/h	10-17	10-17
Efficiency, ha/h	min 9	min 12
Fuel consumption, l/ha	min 9	min 9
Transport dimensions (length x width x height), mm	8151 x 3000 x 4000	7495 x 3970 x 4000