

## **DISKOMAT PS Disk Plough-harrows**

- ✓ DISKS R 620MM
- ✓ WORKING DEPTH 5-18CM
- ✓ STUBBLE PLOUGHING, AERATING AND PRESOWING PREPARATION
- ✓ LOW TRACTION RESISTANCE



### **Basic Technical Characteristics of the Machine:**

- ✓ Stubble ploughing with intensely mixed stubble, aerating up to the depth of 18 cm
- ✓ Incorporation of organic fertilizer, intercrop or difficult vegetation
- ✓ Intense preparation of the sowing bed with optimum soil compaction
- ✓ Perfect cutting of the processed section



### **High Performance**

- High working speed of up to 15 km/h
- Work without clogging thanks to the high frame clearance
- Perfect cutting thanks to the optimized disk angle

### **High Work Quality**

- Toothed disks for safe penetration of soil and intense mixing
- Maintenance-free spring protection for the provision of the optimum disk working angles
- Precise depth guiding with optimum soil compaction thanks to the idle rolls and treaders

### **Robust Frame**

- ✓ High-strength refined materials used for crucial nodes to ensure long service life



Robust placement of disks ensuring operation of the machine under the most demanding conditions



Wide placement of working bodies providing stability; Resistant and maintenance-free spring protection with high release force

## Easy Operation

- ✓ Minimum number of adjusting spots
- ✓ Minimum number of lubrication spots
- ✓ Setting angles or readjusting disks is not required



Simple setting of the working depth using spacer on roller piston-rod according to a well-arranged chart



Unused spacers can be placed at the prepared storage point near the piston-rod; they are always available



Height-adjustable side right deflector for directing processed soil

## Smart Machine Design

- ✓ Versatile in field work thanks to the short compact design
- ✓ Stability of the machine in the field thanks to the short design and light axle
- ✓ Very good self-cleaning of the space between the disk and the disk attachment board



Greater stability and speed of turning at the headland thanks to the possibility of turning using all rollers



Deflectors after each row of disks that direct and crumble the soil





Selection of two types of deflectors  
ridge / comb



Patented folding system that allows folding the machine with the coverage of 7.8 m into the transportation width of 3 m and height of 4 m, which meets the regulations for operation on roads.



The double pneumatic-tyred roller allows lifting the rear roller, thus creating ridges causing the surface dry faster

### Wide Selection of Rollers



	D	S	R	LTX	P	SD	DR
Name of the Roller	Double Roller	Segmented Roller	Ring Roller	LTX Roller	Double Pneumatic-tyred Roller	Disk Roller	Double Ring Roller
Roller Ø (mm)	400 / 350	540	500	586	820 / 510	580	540 / 540
Roller weight (kg/m)	150	180	150	200	195	215	180
Crumbling	●●●○	●●○○	●●●○	●●○○	●●●○	●●●○	●●●○
Compacting	●●●○	●●●○	●●●●	●●●●	●●●●	●●●●	●●●●
Depth guiding	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
Resistance to clogging	●●●○	●●●●	●●●●	●●●○	●●●●	●●●○	●●●●
Suitable for rocky soils	●●●○	●●●○	●●●○	●●●○	●●●●	●●●○	●●●○
Suitable for wet soils	●●○○	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
Heavy soils	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
Medium soils	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
Light soils	●●●●	●●○○	●●●●	●●●○	●●●●	●●●○	●●●●

### Technical Parameters

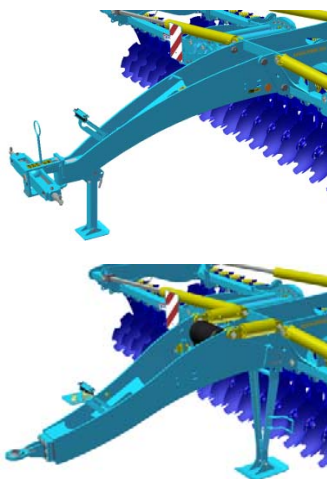
PARAMETERS	DISKOMAT 5 PS	DISKOMAT 6 PS	DISKOMAT 8 PS
Working width (mm)	5000	6 000	7 800
Transport width (mm)	3 000	3 000	3 000
Transport height (mm)	3 300	3 650	4 000
Total length of the machine (mm)	6 600	6 600	6 600
Working depth (mm)	60 – 180	60 – 180	60 – 180
Number f disks Ø620	Front	20	30
	Rear	20	30
Working capacity (ha/h)	5 – 7.5	6 – 9	8 – 12
Pulling vehicle (kW/HP)	150 – 220 / 205 - 300*	180 – 260 / 245 - 355*	240 – 300 / 325 - 410*
Working speed (km/h)	8 – 12	8 – 12	8 – 12
Maximum transport speed (km/h) <sup>1)</sup>	20	20	20
Maximum climbing ability (°)	6	6	6
Tyre dimensions - transport	19.0/45-17 10.0/75-15.3****	19.0/45-17 10.0/75-15.3****	19.0/45-17 10.0/75-15.3****
Type of brakes / distribution <sup>1)</sup>	air / two-line***	air / two-line ***	air / two-line ***
Required pressure (kPa)	8.5***	8.5***	8.5***
Number of hydraulic circuits / pressure (bar)	3 / 200 (2**** / 200)	3 / 200 (2**** / 200)	3 / 200 (2**** / 200)
Number of quick-coupling devices / type	6 / ISO 12.5 (4 / ISO 12.5)****	6 / ISO 12.5 (4 / ISO 12.5)****	6 / ISO 12.5 (4 / ISO 12.5)****
Tractor hitch requirement	TPH Cat. 3	TPH Cat. 3	TPH Cat. 3
Machine weight (kg)	6 200**	6 950**	8 660**

*\* recommended pulling vehicle, the actual pulling force may significantly change according to the selected version of the machine, processing depth, soil conditions, inclination of land, wear and tear of the working parts and their adjustment*  
*\*\* weight of the machine with the double pneumatic-tyred roller*  
*\*\*\* alternative to the hydraulic brake / operating pressure 130±5 bar*  
*\*\*\*\* valid for the double pneumatic-tyred roller*

### Technical Advice!

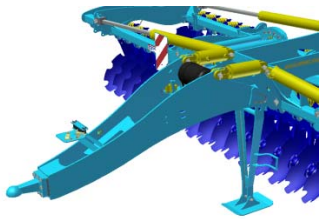
<sup>1)</sup> **Transport/Brake System:** Follow the national regulations valid for transportation of machines on public roads. Check the legal provisions valid in the country and regulations on maximum permissible total axle weights and loads and also on the necessary potential use of a brake system. If you have any further questions, please contact our sales representative.

### Hitch Alternatives



TPH, Category III

Bottom hitch eye ř 50 mm



K80 hitch ř 80 mm

## Optional Equipment



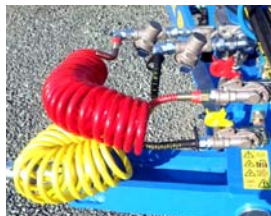
Set of pins for TPH, Category IV



Light set



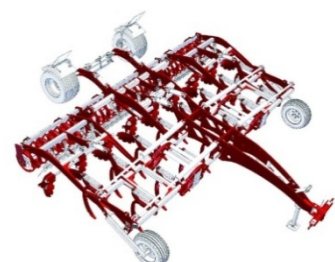
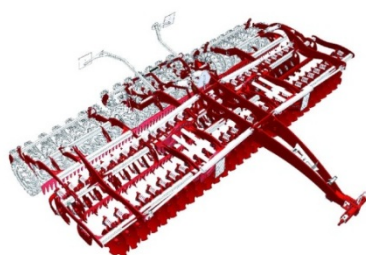
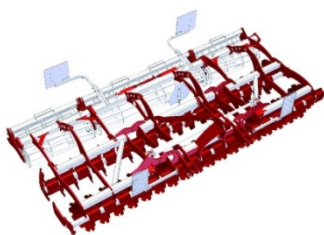
Additional tracing wheels – set



Two-line single-circuit air pressure brakes *(a part of standard equipment)*

## eXtra STEEL line®

V roce 2008 aplikována nová speciální technologie výroby eXtra STEEL line, která umožňuje použití vysoce pevných zušlechťených materiálů nejen na pracovních orgánech stroje, ale i na extrémně zatěžovaných částech hlavních rámy a seřizovacích mechanismů. Rámy strojů jsou na velmi exponovaných místech tvořeny dílci z vysokopevnostních ocelí dosahujících několikanásobnou pevnost oproti běžným kvalitním konstrukčním materiálům. Díky technologii eXtra STEEL line je dosahováno nižší hmotnosti strojů a výrazně vyšší životnosti v nejnáročnějším provozu.



**More information at [www.farmet.cz](http://www.farmet.cz)**

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