

Duolent N-NS Chisel Cultivators

- ✓ TWO ROWS OF LARGE PLOUGHSHARES
- ✓ WORKING DEPTH 6-35CM
- ✓ STUBBLE PLOUGHING AFTER HARVEST, DEEP SOIL AERATING
- ✓ VERY LOW TRACTION RESISTANCE



Basic Technical Characteristics of the Machine:

- ✓ All-area stubble ploughing after harvest with intense mixing effect
- ✓ Soil processing up to the depth of 35 cm, ploughing substitution
- ✓ Excellent incorporation of plant residues into the soil (*with the correct operating speed, even better than in 3-row and 4-row machines*)



High Performance

High working speed of up to 12 km/h

Low traction resistance and excellent soil mixing thanks to the optimized ploughshare shape

Excellent permeability of plant residues

High Work Quality

The top ploughshare part is shaped as a spiral for controlled soil flow

Maintenance-free working bodies equipped with a wide plate for minimum wear and tear

Robust Frame

- ✓ High-strength refined materials used for crucial nodes to ensure long service life
- ✓ Highly dimensioned frames from high-strength steel



Well-tested design of ploughshares made from extremely high-strength abrasion-resistant steels; Resistant and maintenance-free spring protection with a high release force of 450kg

Easy Operation

- ✓ Minimum number of adjusting spots
- ✓ Minimum number of lubrication spots

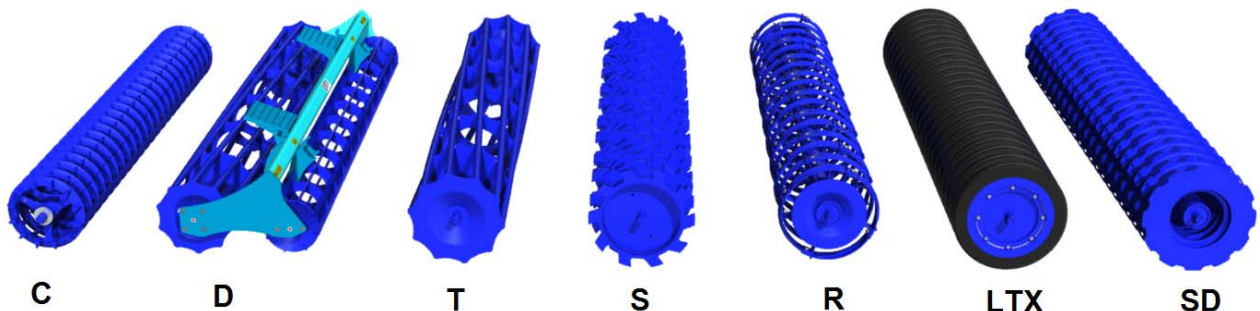


Easy setting of the working depth using a pin on the rollers



Height-adjustable covering disks with a practical handle for better setting ergonomics

Wide Selection of Rollers – Optional Equipment



	C	D	T	S	R	LTX	SD
Name of the Roller	Crosskill Roller	Double Roller	Tubular roller	Segmented Roller	Ring Roller	LTX Roller	Disk Roller
Roller \varnothing (mm)	400	400 / 300	510	540	500	586	580
Roller weight (kg/m)	185	135	90	175	160	200	215
Crumbling	●●●●	●●●○	●●○○	●●○○	●●●○	●●○○	●●●○
Compacting	●●●●	●●●○	●●●○	●●●○	●●●●	●●●●	●●●●
Depth guiding	●○○○	●●●●	●●●○	●●●●	●●●●	●●●●	●●●●
Resistance to clogging	●●○○	●●●○	●○○○	●●●●	●●●●	●●●○	●●●○
Suitable for rocky soils	●●○○	●●●○	●●●○	●●●○	●●○○	●●●○	●●●○
Suitable for wet soils	●●○○	●●○○	●○○○	●●●●	●●●●	●●●●	●●●●
Heavy soils	●●●●	●●●●	●●○○	●●●●	●●●●	●●●●	●●●●
Medium soils	●●●○	●●●●	●●●○	●●●●	●●●●	●●●●	●●●●
Light soils	●●○○	●●●●	●●●●	●●○○	●●●●	●●●○	●●●○

Optional Chisel Selection – Basic Equipment



Chisel with winglets for all-area soil undercut when working in depths of up to 20 cm



Chisel without winglets for deep aeration up to the depth of 35 cm with low traction resistance



Slim chisel for very deep aeration up to the depth of 38 cm

Options for the ploughshares selection that bring many advantages:

- ✓ Favourable geometry for the entire service life
- ✓ Excellent penetration into hard soil
- ✓ Low traction resistance
- ✓ Suitable for rocky soils
- ✓ Up to 15 % less fuel consumption

SLIM 75 Share



3002317

Share width: 75 mm
Share thickness: 12 mm
Working depth: 6 - 35 cm
Share body hardness: up to 55 HRC

SLIM 75 CARBIDE Share



4005271

Share width: 75 mm
Share thickness: 15 mm
Working depth: 6 - 35 cm
Share body hardness: up to 55 HRC
Widia plate hardness: up to 92 HRA
Service life: up to 3x longer

SLIM 75 CARBIDE⁺ Share



4009627

Share width: 75 mm
Share thickness: 15 mm
Working depth: 6 - 35 cm
Share body hardness: up to 55 HRC
Widia plate hardness: up to 92 HRA
Weld deposit hardness: up to 60 HRC
Service life: up to 3x longer

SLIM 40 CARBIDE Share



4007998

Share width: 40 mm
Share thickness: 20 mm
Working depth: 6 - 35 cm
Share body hardness: up to 55 HRC
Widia plate hardness: up to 92 HRA
Service life: up to 3x longer

SLIM 40 CARBIDE⁺ Share



4010045

Share width: 40 mm
 Share thickness: 20 mm
 Working depth: 6 - 35 cm
 Share body hardness: up to 55 HRC
 Widia plate hardness: up to 92 HRA
 Weld deposit hardness: up to 60 HRC
 Service life: up to 4x longer

SLIM 40 DEEP CARBIDE⁺ Share



4008453

Share width: 40 mm
 Share thickness: 20 mm
 Working depth: 10 - 39 cm
 Share body hardness: up to 55 HRC
 Widia plate hardness: up to 92 HRA
 Weld deposit hardness: up to 60 HRC
 Service life: up to 4x longer

ULTRA SLIM 20 DEEP CARBIDE⁺ Share



4010048

Share width: 20 mm
 Share thickness: 20 mm
 Working depth: 9 - 38 cm
 Share body hardness: up to 55 HRC
 Widia plate hardness: up to 92 HRA
 Weld deposit hardness: up to 60 HRC
 Service life: up to 4x longer

Technical Parameters

PARAMETERS	DX 210 N	DX 300 N	DX 350 N	DX 380 NS	DX 460 NS	DX 550 NS
Working width (mm)	2 100	3 000	3 500	3 800	4 600	5 500
Transport width (mm)	2 230	3 000	3 500	2 200	3 000	3 000
Transport height (mm)	1 400	1 400	1 400	2 500	2 500	2 500
Total length of the machine (mm)	3 350	3 350	3 350	3 350	3 350	3 350
Working depth (mm)	60-350	60-350	60-350	60-350	60-350	60-350
Number of ploughshares	5	7	9	9	11	13
Number of rows of ploughshares	2	2	2	2	2	2
Row distance (mm)	780	780	780	780	780	780
Ploughshare spacing (mm)	420	420	420	420	420	420
Frame clearance (mm)	880	880	880	880	880	880
Release force (kg)	450	450	450	450	450	450
Covering disk diameter (mm)	460	460	460	460	460	460
Working capacity (ha/h)	1.7-2.5	2.4-3.6	2.8-4.2	3.1-4.5	3.7-5.5	4.4-6.6
Pulling vehicle (kW/HP) *	65-110 / 90-135	90-135 / 120-180	105-160 / 140-210	120-180 / 160-240	150-225 / 200-300	180-270 / 240-360
Working speed (km/h)	8-12	8-12	8-12	8-12	8-12	8-12
Maximum transport speed (km/h) ¹⁾	20	20	20	20	20	20
Maximum climbing ability (°)	6	6	6	6	6	6
Number of hydraulic circuits / pressure (bar)	-	-	-	1 / 200	1 / 200	1 / 200
Number of quick-coupling devices / type	-	-	-	2 / ISO 12.5	2 / ISO 12.5	2 / ISO 12.5
Tractor hitch requirement	TPH Cat. 2	TPH Cat. 2 TPH Cat. 3	TPH Cat. 2 TPH Cat. 3	TPH Cat. 2 TPH Cat. 3	TPH Cat. 3	TPH Cat. 3

Machine weight (kg)**	1060	1375	1585	2220	2515	2870
* 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 with the double roller - D						

Technical Advice!

1) **Transport:** 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. If you have any further questions, please contact our sales representative.

Optional Equipment



Light set

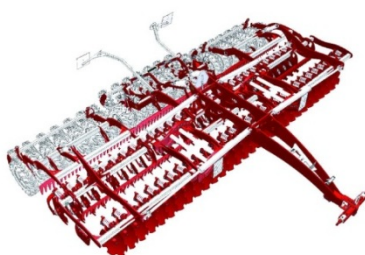
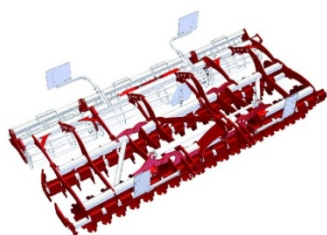


Protection by a break screw (to be used in non-rocky soils)

Set for the Kirovec hitch (for DX 460NS and DX 550NS)

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 rámu 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

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