

Pronto 8 - 9 DC



UNIVERSAL SEED DRILL FOR ALL CONDITIONS



Pronto 8 - 9 DC

FASTER – SIMPLER – SAFER

- Very simple, clear adjustment
- DiscSystem as a front tool: 46 cm disc diameter with high rotation speed for high fine earth production
- Low horsepower requirement: low weight, possibility of intermediate packer and side packer mounted on the machine frame



Pronto Principle

The continuous optimisation of the different working steps in the machine were essential for the success of the Pronto DC. By now, the Pronto principle is well-known all over the world and consists of the following three steps:

1. Step: seedbed preparation

The 46 cm discs achieve very high rotational speeds, can mix the soil very aggressively, produce important fine earth and level the seedbed.

2. Step: consolidation

The tyre packer that is arranged in one line, guarantees optimum consolidation and levels the soil. Thus, it creates equal conditions for every seed coulters.

3. Step: sowing

The third generation of the TurboDisc seed coulters guarantees precise sowing. The coulters pressure amounts to 125 kg and moreover, the coulters are maintenance-free. The double disc coulters pre-shape the seed furrow, the seed is placed, the uniformer keeps the seed in the seed furrow and the pressure roller guarantees an optimum seed-soil contact.

This principle of seedbed preparation, consolidation and sowing guarantees even conditions for every sown plant and thus guarantees a homogeneous emergence.



The TurboDisc seed coulters have been designed for a precise seed placement at high operational speeds



Optional double tower versions allow for a half-width shut-off

DiscSystem

IDEAL SEEDBED PREPARATION IN ALL CONDITIONS

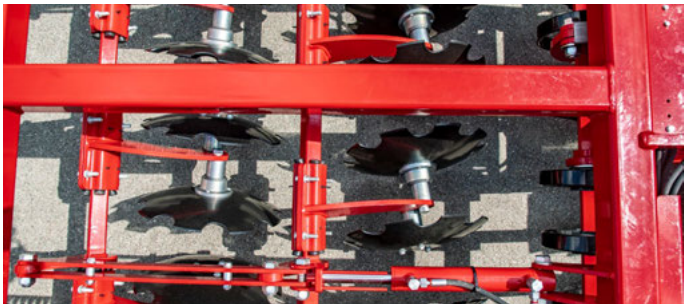


The 46 cm discs with a serrated profile achieve high rotational speeds and the penetration is excellent. The soil is mixed very aggressively, important fine soil is produced and the seedbed is levelled. Clearance is optimum as the disc elements are arranged in pairs. This additionally increases the reliability of the machine. The hydraulic depth adjustment allows for an infinitely variable adjustment while driving

- Efficient crumbling and even levelling over the whole working width
- High clearance extends the range of applications and increases reliability
- Increasing quality of work with increasing operational speed
- Hydraulic depth adjustment, infinitely variable while driving



DiscSystem Pronto DC with attachment frame for track eradicator discs



DiscSystem Pronto DC – 46 cm discs with serrated profile

Tyre packer with AS profile

RUGGED, EFFICIENT, LOW HORSEPOWER REQUIREMENT



The HORSCH tyre packer ensures a targeted and even levelling and consolidation in front of every seed coulter. The tyres are arranged in one line. Thus, clearance is optimum even on light soils. The straight tyre profile increases consolidation. The 10-ply special HORSCH tyres ensure a long service life.

An efficient consolidation below the seed horizon guarantees a better water distribution towards the seeds. The horsepower requirement is low due to large tyre diameter and no scrapers are required.

- Targeted, even levelling and consolidation in front of each seed coulter
- Straight tyre profile increases consolidation in the consolidation area
- Packer middle section also serves as a chassis for transport
- Efficient consolidation below the seed horizon for better water distribution towards the seeds
- Low horsepower requirement due to large tyre diameter and no scrapers required



Low horsepower requirement due to large tyre diameter and no scrapers required



Straight tyre profile increases consolidation in the consolidation area



Efficient consolidation below the seed horizon for better water distribution towards the seeds

TurboDisc seed coulters



THE THIRD GENERATION GUARANTEES A HEADSTART IN THE FIELD OF SEED PLACEMENT

A perfect embedding of the seed and an immediate seed-soil contact are important for a safe and even emergence. HORSCH perfectly copes with the challenge to achieve this objective even at high operational speeds. The solution is called TurboDisc. The double disc coulters that have been used and constantly developed further by HORSCH for more than 20 years excel due to their precise seed placement. The press wheel-controlled coulters design allows for a quick following of the soil contours at high speeds. Thus, the set placement depth can be kept up for every single grain.

The double disc seed coulters with a maintenance-free bearing opens the soil and thus allows for an undisturbed seed placement. The integrated Uniformer ensures the fixing of the seed at the bottom of the seed furrow even at very high operational speeds. A carbide coated scraper keeps the space between the discs clean and thus prevents clogging even in sticky and wet conditions. The 5 cm or 7.5 cm wide press wheel then ensures an optimum seed-soil contact and an exact depth control.

In addition to the excellent following of the soil, the TurboDisc seed bar excels due to the easy operation: with regard to their adjustment, coulters pressure and seed depth do not influence each other. The maintenance-free rubber bearings of the seed coulters transfer a coulters pressure of up to 125 kg and thus guarantee a smooth coulters – up to an operational speed of 20 km/h. Furthermore, the rubber bearing serves as an overload protection and a shock absorber for stones.

- Double disc coulters
- Creates a precise seed furrow
- Press wheel-controlled (5 cm or 7.5 cm wide)
- Uniformer prevents the grains from bouncing
- Inside scraper prevents blocking and clogging of the coulters
- Coulters pressure up to 125 kg via rubber torsion
- Designed for precise seed placement at high operational speeds
- Allows for an even and safe emergence



5 cm wide press wheel – ideal on medium and heavy soils



7 cm wide press wheel – ideal on light soils



The movable scraper ensures a high self-cleaning effect in wet conditions



The HORSCH Uniformer – TurboDisc seed coulters ensures a precise fixing of the seed



The straight harrow – TurboDisc seed coulters harrow is controlled individually for a more efficient tillage



HORSCH TurboDisc seed coulters

TECHNICAL DATA

Pronto 8 - 9 DC	8 DC	9 DC
Working width (m)	8.00	9.00
Transport width (m)	2.99	2.99
Transport height (m)	3.70	3.97
Length (m)	8.25	8.50
Axle load (kg)	7800 - 10150	9200 - 11200
Vertical load (kg)	750 - 1800	750 - 1800
Seed hopper capacity (l)	4000	4000
Hopper capacity double hopper (l)	5000 (40 : 60)	5000 (40 : 60)
Dimension of feed opening (m)	1.00 x 2.40	1.00 x 2.40
Feed opening double hopper (m)	0.66 x 2.45	0.66 x 2.45
Filling height (m)	3.10	3.10
Number of seed coulters (PCE)	52	60
Coulter pressure seed coulters (kg)	15 - 125	15 - 125
Seed coulters/press wheels Ø (cm)	34 / 32	34 / 32
Row spacing (cm)	15.4	15.0
Tyre packer size / Ø (cm)	7.50 - 16 AS / 78	7.50 - 16 AS / 78
Operational speed (km/h)	10 - 20	10 - 20
Horsepower requirement (kW/hp)	155 - 215 / 210 - 290	175 - 240 / 240 - 330
DA control devices	3 (resp. +1 for filling auger, front packer)	3 (resp. +1 for filling auger, front packer)
Depressurized return flow (max. 5 bar) (BAR)	1	1
Oil quantity hydraulic fan (L2)	35 - 45	35 - 45
Implement attachment lower link	Cat. III – III/IV	Cat. III – III/IV
Implement attachment adjustable drawbar (mm)	Bolt Ø 40–50 mm	Bolt Ø 40–50 mm
Implement attachment ball head	K 80	K 80





Your distributor

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Paper: 120g/qm Maxi Offset. The paper is certified according to the EU Ecolabel. This label is only granted for products and services whose environmental consequences are considerably lower than those of comparable products. For more details see www.eu-ecolabel.de. Printing ink: Printing ink QUICKFAST COFREE. Free from mineral oil and cobalt. Moreover, it is certified and recommended for printing according to the „Cradle-to-Cradle“ principle (quasi “from the origin back to the origin”) – an approach that deals with the spreading of continuous and consequent recycling management. For more details see www.c2c-ev.de.

All specifications and diagrams are approximate and not binding. Technical features and design are subject to change.

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