

**HORSCH**

*Farming with passion*

# Joker RT

COMPACT DISC FOR  
STUBBLE CULTIVATION  
AND SEEDBED PREPARATION



# Joker RT

ALWAYS A TRUMP  
CARD IN YOUR HAND



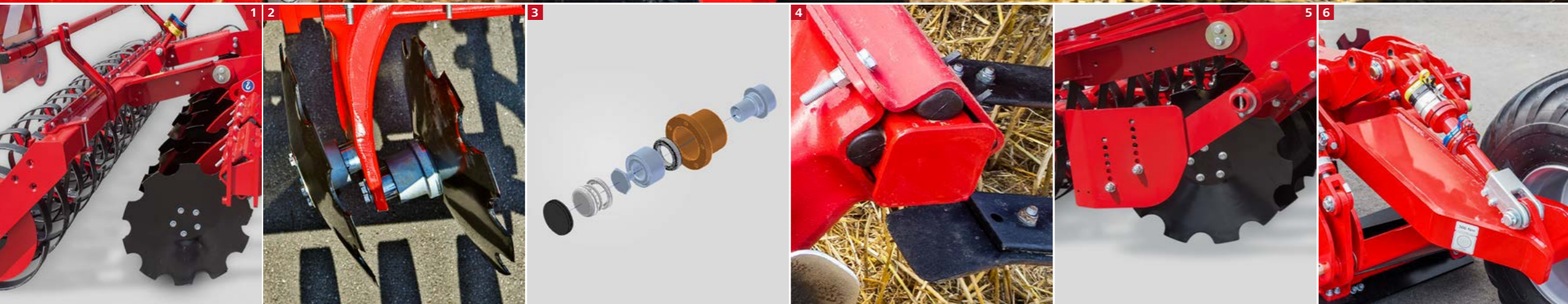
- Shallow and intensely mixing tillage
- Ultimate efficiency
- Best working quality
- Additional tools can be mounted
- Simple handling
- Solid design
- Various packer versions for all types of soil
- Oscillating double packer
- Transport chassis for safe and fast road transport

# DiscSystem

## INNOVATIVE AND RELIABLE

### Your advantages include

- High clearance because of mounting the discs in pairs
- Good contour-following qualities and effective stone-release system with maintenance-free rubber suspension
- Long intervals of exchanging parts
- Maintenance-free and low-wear disc bearings with permanent lubrication
- Good penetration into the soil with aggressive, serrated discs and maximum machine weight
- Excellent crumbling of the soil due to fast turning discs with a diameter of 52 cm
- Stable disc angle through wide disc mountings, with no side play
- Allows for all-over cutting at low working depth
- Surface-hardened discs for minimum wear in hardest conditions



- 1** The serrated disc is more aggressive and penetrates better into the soil
- 2** Mounting in pairs increases the clearance
- 3** Large and robust bearing – shaft diameter of 35 mm with maintenance-free oil-bath bearing
- 4** Large rubber suspension ensures good contour-following qualities, stable disc angle and low wear and tear
- 5** Spade discs at the outer end ensure level conditions between passes
- 6** Easy setting of working depth with AluClip spacers

# Joker 5–8 RT

## ALWAYS A TRUMP CARD IN YOUR HAND

### Strengths of the Joker

- 5 to 8 m working width
- Produces high quantities of fine soil within the germination zone
- Efficient consolidation in the germination zone
- No problems with long residues and shallow cultivation. High clearance because of mountings in pairs.
- Improved operational results with increased speed
- High working performance with little draft requirement
- High working speed in general
- Good penetration with aggressive, serrated discs and maximum machine weight
- All-over cutting at low working depth

### In which working conditions does the Joker perform well?

- Shallow and fast stubble cultivation for quick germination of lost grain, interrupting capillary and ensuring incorporation of straw
- Effective seed bed preparation after plough or cultivator
- Incorporation of long straw and difficult residues (cover crops, corn stubble)
- Smooth incorporation of organic fertilisers (manure, cover crops)



The Joker prepares a fine and consolidated seed bed with good conditions for germination.



Effective packing system ensures intensive crumbling and consolidation.

# Joker 5–8 RT

## CAN BE COMBINED WITH ADDITIONAL TOOLS

### Optional knife roller for the Joker 5–8 RT

The roller covers the whole working width. Its diameter is 300 mm and it is equipped with 6 knives per roller for a very high rotational speed, thus additionally improving the crushing effect. The knives are arranged in a slightly diagonal way to guarantee that the force is distributed evenly. The knife rest against the rotor to guarantee top stability. The whole system is pre-stressed hydraulically with up to 100 bar and protected hydraulically against overload. The new front tool is perfect for example for crushing catch crop populations in spring or autumn as well as for a ultra-shallow stubble cultivation in rape, sunflowers or silage maize. The knife roller can also be used to fight the corn borer in silage maize stubbles.

### Crossbar

- On intensely cultivated and ploughed fields
- Additional levelling after plough and before sowing



**1** Optional: Crossbar

**2** Joker RT with optional MiniDrill: Seed distribution in front of the packer by means of a deflector plate



**MiniDrill**  
Accurate efficiency for catch crops and Greening

The MiniDrill is a completely new HORSCH development. The hopper capacity is 400 l and is equipped with the well-proven metering unit of the Pronto. The seed is directly injected into the distribution system. It is available for all Joker 5/6/8 RT.

To guarantee an excellent lateral distribution there are six evenly distributed outlets in front of or behind the packer for 3 m machines and twelve outlets for 4 m working width upward.

# Joker 10/12 RT

- Despite large working widths compact folding to 3 m
- Soil-saving turning on the packer and the front support wheels. This also helps to protect the frame of the machine additionally.
- Produces high quantities of fine soil
- Excellent operational results
- Cone-shaped discs for a constant cutting angle of 17°
- Compact machine with high levelling capacity
- Discs are mounted in rubber elements, thus increasing the operational life and improving the contour-following qualities
- Double RollPack packer with U-profile rings (Ø 55 cm). Very sturdy and suitable for all types of soil. Resistant to stones even at high speeds. Linked packer rings for excellent self-cleaning.



**Joker 10/12 RT**  
Compact transport dimensions; 3 m transport width, 4 m transport height



**Transport chassis**  
Safe road transport, optional brake system



**Optional**  
For Joker 5/6/8 RT hydraulic working depth adjustment

# PACKING SYSTEMS

## VERSATILE FOR OPTIMUM RESULTS

The depth effects and the primary use of the different **HORSCH** packer versions.

### Single cage drum roller

- Excellent depth control on light soils
- Recommended on soils that tend to create earth walls in front of the packer
- Available in Joker 5 and 6 RT

### Double RollPack packer

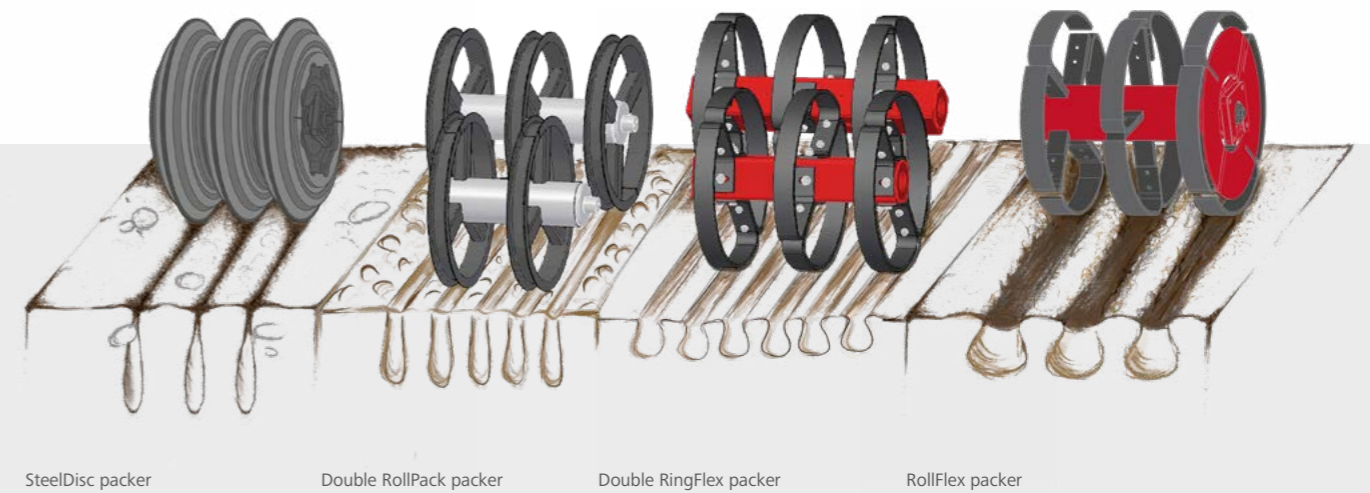
- Steel ring roller with a diameter of 55 cm
- Deep strip consolidation
- Double packer: excellent self-cleaning
- Flexible conditions of use

### RingFlex packer

- Excellent self-cleaning effect due to the inherent vibration of the leaf springs
- Deep consolidation due to open packer rings
- Additional mixing effect due to the movement of the soil in the packer
- High fine earth production
- Open packer with intermediate springs for excellent levelling
- Large contact area of 7 cm per ring guarantees a high load-bearing capacity in all conditions
- Available in Joker 5 and 6 RT

### Double RingFlex packer

- Low horsepower requirement due to large contact area
- Range of use: on light to medium soils
- Extremely resistant to stones
- Additional levelling effect
- Even consolidation
- Available in Joker 5 and 6 RT



SteelDisc packer

Double RollPack packer

Double RingFlex packer

RollFlex packer

### SteelDisc packer

- Deep consolidation with compact soil surface
- Good crumbling quality with cutting packer rings
- Optimised scrapers ensure good performance
- Good performance in heavy and stony soils
- Available in Joker 5 and 6 RT

### Double SteelDisc packer

- Effective ring spacing 13 cm (middle–middle)
- Recommended on heavy and very heavy sites
- Heavy steel ring packer with excellent cutting effect
- Excellent consolidation
- Absolutely resistant to stones
- Available in Joker 8 RT

### RollFlex packer

- Excellent self-cleaning due to vibrating springs
- Strip consolidation
- High mixing effect
- Excellent levelling
- Available in Joker 5 and 6 RT



Double RollPack packer for excellent crumbling and consolidation of the soil

Closed SteelDisc packer with cutting packer rings

Double RingFlex packer – low horsepower requirement and high contact area

Double SteelDisc packer for optimum consolidation even on most heavy soils

# EQUIPMENT



Side limit (Joker 8 RT)



Optional knife roller for the Joker 5-8 RT



Adjustable drawbar linkage with hitch (ball joint)



Lower link linkage



Pneumatic brake system



Depth control wheels



High clearance - two discs at one arm



Large (Ø 52 cm) discs for working deeply



Transport chassis  
Safe road transport, optional brake system



Transport position



Optional  
For Joker 5/6/8 RT hydraulic working depth adjustment



Working depth adjustment with clips (standard)



# TECHNICAL SPECIFICATIONS

<b>HORSCH Joker</b>	<b>5 RT</b>	<b>6 RT</b>	<b>8 RT</b>	<b>10 RT</b>	<b>12 RT</b>
Working width (m)	5.15	6.15	7.25	9.75	12.25
Transport width (m)	3.00	3.00	3.00	3.00	3.00
Transport height (m)	2.85	3.35	3.95	4.00	4.00
Length (m)	7.00	7.00	7.00	7.70	7.70
Axle load (kg)*	4 900–6 150	5 350–6 900	6 200–8 300	8 600–9 500	9 700–10 400
Vertical load (kg)*	700–1 450	700–1 600	850–1 800	2 300–2 750	2 400–3 000
Tyre size support wheels	400/60–15.5	400/60–15.5	400/60–15.5	400/60–15.5	400/60–15.5
Tyre size chassis	19.0/45–17	19.0/45–17	VF 480/45 R 17	445/65–22.5	445/65–22.5
DiscSystem-diameter Ø (cm)	52	52	52	52	52
DiscSystem disc size (mm)	6	6	6	6	6
Number of DiscSystem discs	40	48	60	80	98
Disc angle (degree)	17	17	17	17	17
DA control devices	3 (+1 respectively for hydraulic depth adjustment and Crossbar front or knife roller)			3	3
Horsepower requirement (kW/hp)	110–155/150–210	130–175/180–240	175–235/240–320	220–310/300–420	265–350/360–480
Lower link linkage	Cat. III–III/IV–IV	Cat. III–III/IV–IV	Cat. III–III/IV–IV	Cat. III–III/IV–IV	Cat. III–III/IV–IV
Adj. drawbar linkage	Hitch Ø 42–51 mm	Hitch Ø 42–51 mm	Hitch Ø 42–51–71 mm	Hitch Ø 51–71 mm	Hitch Ø 51–71 mm

\* Weights of the machines with minimum/maximum equipment

<b>Seed bar for</b>	<b>5 RT</b>	<b>6 RT</b>	<b>8 RT</b>
Working width (m)	5.15	6.15	7.25
Number of seed tubes Double SteelDisc packer	21	25	31
Number of seed tubes Double RollPack packer	26	30	36
Seed tube spacing Double SteelDisc packer (cm)	25.80	25.80	25.80
Seed tube spacing Double RollPack packer (cm)	21.80/21.80	21.80/20.60	21.80/22.00
Diameter main line (mm)	1 x 110	1 x 110	1 x 110

[horsch.com](https://www.horsch.com)

Your distributor:

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