

Windrower WR 200

Modular construction, 2-row potato
harvester with side and centre discharge



At home all over the world: the new windrower WR 200

Grimme windrowers have been used for years – everywhere. In order to meet the growing demands regarding performance and gentle harvest handling, we have developed the new WR 200. Its modular design combines the proven digging units from the SE family with different separating units. With a long main web

and centre discharge, the machine is specifically designed for areas, where potato harvesting is still “genuinely” manual labour intensive. With additional haulm separation and the centre discharge, it is mainly used for the 2-phase harvesting process, where the potatoes’ skin becomes more durable

during a drying phase. You can do even more with side discharge: uncover 2-rows, deposit in the centre between the next rows and then pickup once again in 2-rows. This will make your harvesting process $2+2=4$ -rows. Harvesting success – with a machine for all types of conditions for all over the world.

BASIC EQUIPMENT

Proven thousands of times: the intake unit from the SE bunker harvester

You can count on this: the intake units of the WR 200 (1) are taken 100 % from the successful Grimme SE family. 2 Diablo rollers (a), for an even depth guidance, and four spring-loaded disc coulters (b) including haulm rollers, which guarantee a blockage free crop intake – this will lead to complete digging and maximum yield.



Already setting a high standard: All Grimme windrowers are equipped with a rotary agitator (2), which can be mechanically adjusted.



For changing conditions: The main webs of the WR 200 are fitted with web joiners with wear bushes (3). This extends the life of the web and allows for easy and quick changing of web sizes when conditions demand it.



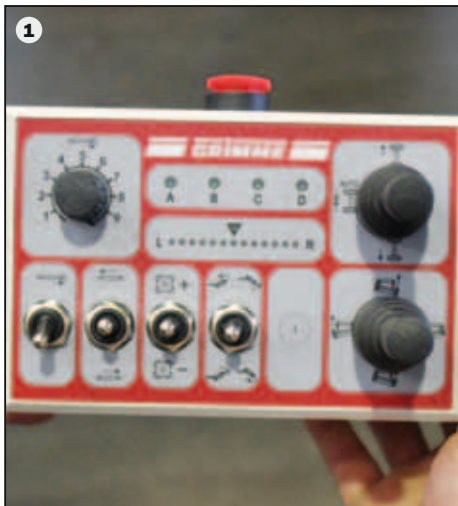
The wiser one gives in: The spring-loaded disc coulters (4) definitely earn their keep in stony and extreme digging conditions.

They adapt to the harvest conditions without changing the set digging depth. Due to the large side haulm intake rollers, haulm blockages are kept to a minimum. 2- or 3-piece share blades ensure a gentle intake of potatoes from the ridges into the machine.



OPTIONS

For increased comfort during work: the WR 200 options



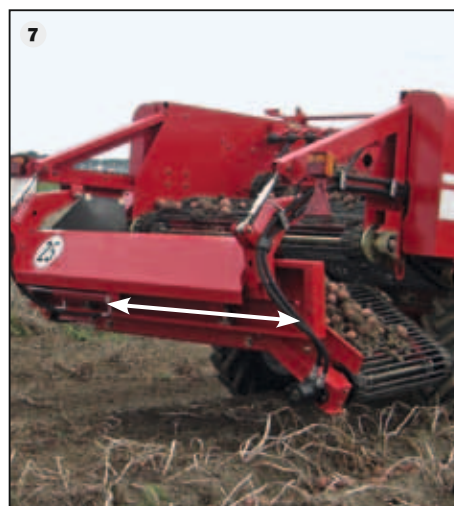
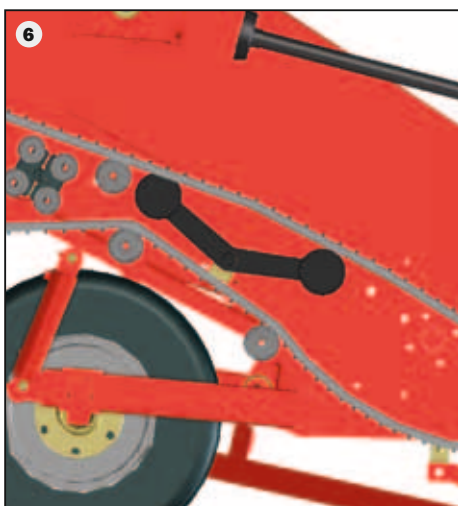
For increased operator comfort or if there is a limited number of controllers on the tractor, Grimme offers an operating terminal (1).

Ability to work a lot better without pressure. And digging: With the mechanical ridge pressure regulation (2), clods are kept to a minimum and potato damage is prevented. – Ideal in sandy or heavy soils.



For more agility on the headland or correction on inclines, the axle steering (3) is an especially thoughtful option.

For increased ground clearance, the WR 200 can be lifted out via hydraulic cylinders installed on both sides. Additional block valves ensure that the existing hydraulic cylinders can be used for levelling to the right (4) or left (5).



An agitator (6) ensures additional gentle sieving on the first main web. As an option, the intensity of the agitators can be infinitely electrically adjusted.

For an accurate central discharge between the next two rows, the cross conveyor (7) can be hydraulically moved and controlled from the tractor.

You decide the setup – utilise the modular construction to your advantage!



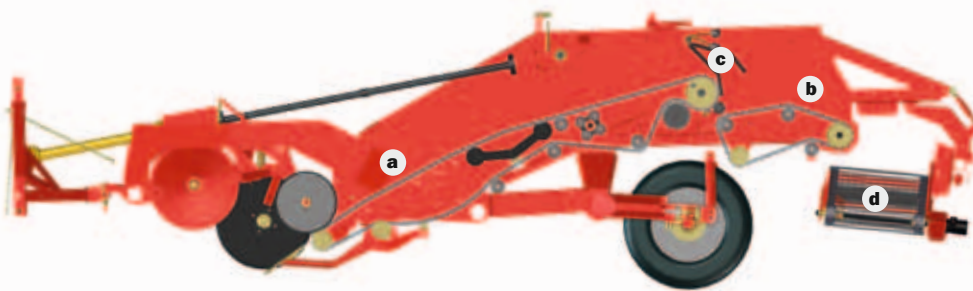
- 1** WR200 with a long, continuous main web. Especially important for many export markets: the gentle transfer over a width of 130 cm



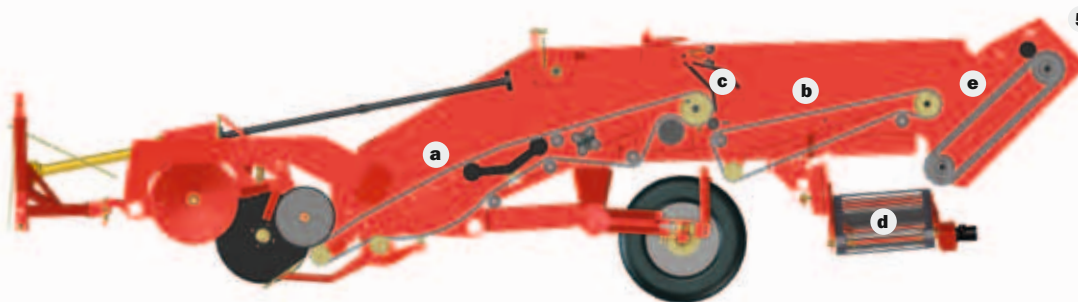
- 2** WR200 with a main web (a), followed by an extracting unit (b), haulm web (c) and centre discharge via a contra rotating hedgehog web (d) over a discharge width of 50 cm. Ideal for 2-phase harvesting with the 1-row potato harvester



- 3** WR200 with 1st main web (a) and 2nd extended main web (b) with rotor agitator (c). Two active double scraper rollers (d) ensure a gentle centre discharge for the 2-phase harvesting system. The pressure roller (e) evens the ground for a better intake of the following harvester.



- 4** WR200 with 1st (a) and 2nd (b) main web, an extracting unit (c) and cross conveyor (d) for the gentle discharge of the potatoes between the subsequent rows.



- 5** WR200 with 1st (a) and 2nd (b) main web, an extracting unit (c) and cross conveyor (d) for the gentle discharge of the potatoes between the subsequent rows. The machine has an additional fine haulm elevator (e) for even better separation.



The WR 200 with its long main web deposits the potatoes into a swath featuring a width of approx. 130 cm (1). Afterwards, they are picked up by hand.

In 2-phase (split) harvesting processes, the WR 200 deposits the potatoes into a swath featuring a width of approx. 50 cm (2). Following a drying phase, during which the potatoes' skin become set, they are then picked up by a 1-row harvester.



2+2=4: The economical alternative to the 4-row harvester. The WR 200 in its enriched process. The potatoes are picked up by a 2-row potato harvester (3).



The fine haulm elevator (4) on the WR 200 for increased haulm separation.



Technical data

	WR 200 centre discharge			WR 200 side discharge	
	1	2	3	4	5
Measurements					
Length	5,200 mm	6,100 mm	8,000 mm	7,100 mm	7,600 mm
Width (with a 1.5 m track width)	2,300 mm	2,300 mm	2,300 mm	2,500 mm	2,500 mm
Height	1,700 mm	1,700 mm	1,700 mm	1,700 mm	2,000 mm
Weight	1,500 kg	2,300 kg	3,300 kg	2,600 kg	3,100 kg
Power transmission	35 kW/50 HP	35 kW/50 HP	50 kW/70 HP	50 kW/70 HP	50 kW/70 HP
Axle					
Hydraulic axle steering	—	—	•	•	•
Axle centre steering	—	—	•	•	•
Levelling	—	—	•	•	•
Tyres					
10"-75/25 AW	○	○	•	•	•
11.5"-80/15.3 AS	—	—	○	○	○
1st Main web					
Sieving area	6 m ²	4.6 m ²	4.6 m ²	4.6 m ²	4.6 m ²
Pitch	32/35/40/45	35/40/45	35/40/45	35/40/45	35/40/45
Mechanical agitator	• (infinitely adjustable by lift-off roller)	• (infinitely adjustable by lift-off roller)	• (infinitely adjustable by lift-off roller)	• (infinitely adjustable by lift-off roller)	• (infinitely adjustable by lift-off roller)
Mechanical rotor agitator	○ (infinitely adjustable by lift-off roller)	○ (infinitely adjustable by lift-off roller)	○ (infinitely adjustable by lift-off roller)	○ (infinitely adjustable by lift-off roller)	○ (infinitely adjustable by lift-off roller)
2nd Main web					
Sieving area	—	—	3.5 m ²	1.5 m ²	2.3 m ²
Pitch	—	—	28/32/35/40	28/32/35/40/45/50	32/35/40
1st Haulm separation (extracting roller)	—	○	—	○	○
2nd Haulm separation					
Hedgehog web/ Fine haulm elevator	—	○	—	—	○
Sieving area	—	1.1 m ²	—	—	1.6 m ²
Cross conveyor					
Hydraulically adjustable	—	—	—	•	•
Machine control					
Via control valves of the tractor	○	○	○	○	○
Via terminal and hydraulic block	—	—	•	•	•

○ Series • Option — Not possible

No claims can be raised in respect of texts, illustrations, technical specifications, dimensions and weights, equipment as well as performance specifications. They are approximate and non-binding. Changes in the course of technical enhancement are possible at any time.

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