



GRIMME

CS 150

Walk around 2022

Expiration of the walk around

This document "walk around CS 150" was developed to help you to introduce the destoner at trade fairs, field demonstrations or in sales discussions, and to show the most important arguments!

1 Concept

2 CS 150: Models

3 Intake

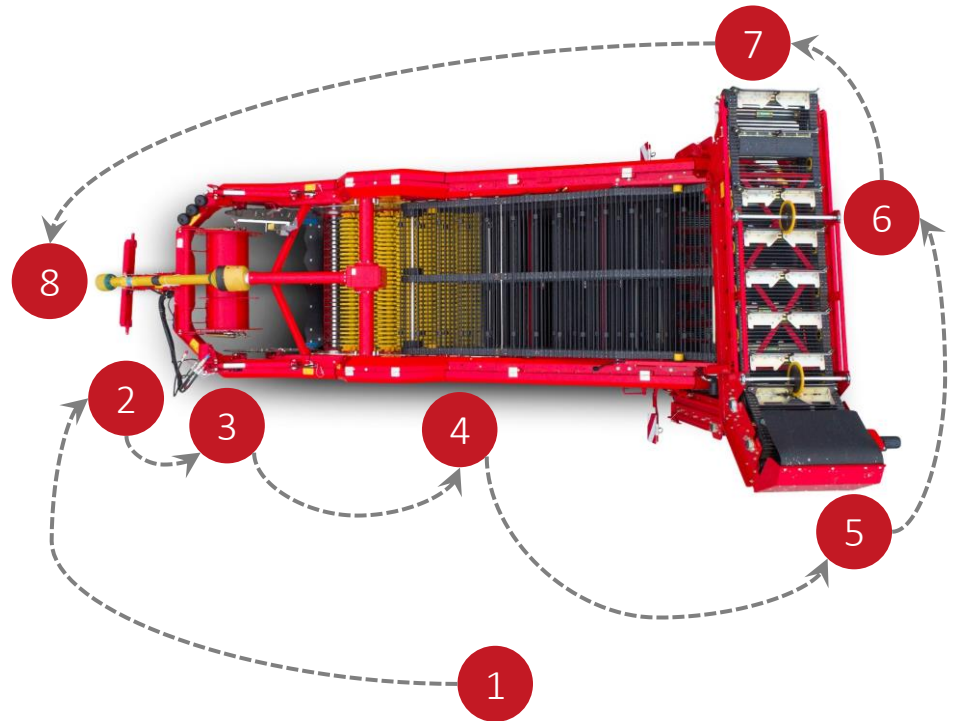
4 Main web channel

5 Discharge conveyor

6 Stone box/bunker

7 Chassis

8 Operation



Position 1

Concept



Your benefits:

Position:

Technology established in the market through more than 30 years of experience in professional separating/destoning technology.

1

Destoning is a prerequisite for growing of high quality potatoes on stony and cloddy locations.

Various combinations of stars and main webs give the right solution for the individual grower.

Increased sieving performance by up to 25 %, compared to conventional systems, thanks to the patented **RotaPower system**.

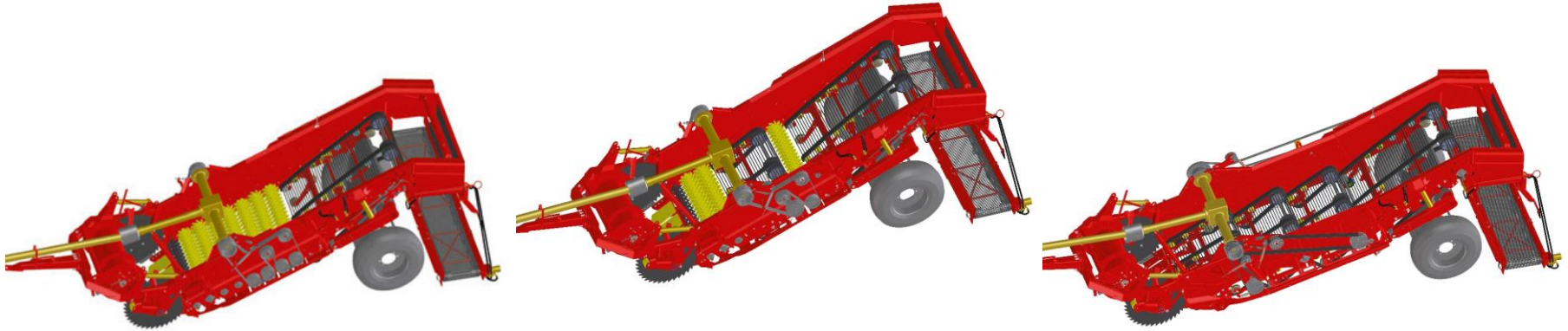


1

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CS 150: Models



Your benefits:

Position:

Combi-Star: For use on heavy, damp and sticky soils and/or under adverse operating conditions such as an increased proportion of humus.
Full width share, 7 star rollers, a long main web and up to 15 % higher sieving performance with the model "Combi-Star XL" due to extended second main web.

2 Combi-Web: For use on sandy to medium-heavy soils with low content of clods and high content of stones.
Full width share, 2 star rollers, a short main web, an additional star roller followed by a long second main web.

Multi-Web: For use on sandy soils with a high stone content. Share blade with stone flaps, intake web in front of 2 short main webs and a following long main web.



Position 3

Intake



Your benefits:

Position:

Universal tractor attachment.
Either in the bottom linkage with balls CAT 3 or in hitch.

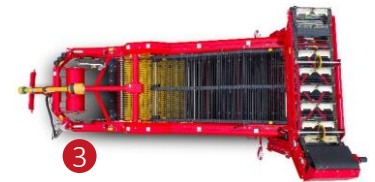
Enhanced comfort and protection of the machine
thanks to a hydraulic stone protection.

3

Adapted to different widths of beds
thanks to an intake width of 1.35 m, 1.45 m or 1.6 m.

Effective breaking of clods and acceleration of the soil
by means of patented RotaPower tilling shaft.

Significantly reduced wear of the following star rollers and main webs by use of
the RotaPower shaft to break clods at an early stage of the sieving process.



Position 4

Main web channel



Your benefits:

Position:

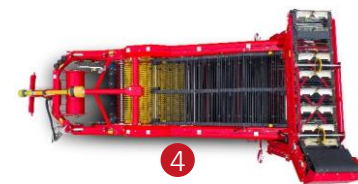
High separation/destoning performance due to a channel widths of 1.5 or 1.7 m.

Easy setting of the star rollers thanks to a hydraulic, parallel star roller adjustment. Thus perfect adaptation to changing soil conditions.

4 Every sixth bar of the main web has an enlarged diameter of 16 mm. This results in a significantly improved conveying effect.

Increased separation performance in case of firm clods or a high proportion of organic residues thanks to the rotating, hydraulically driven and liftable clod mat.

High stability due to a drive secured against overload by use of v-belts.



4

Position 5

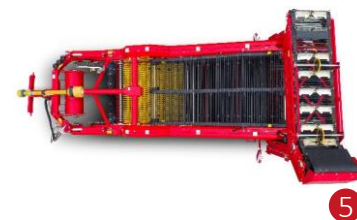
Discharge conveyor



Your benefits:

Position:

- 5 Infinitely regulation of the speed of the discharge conveyor by use of a hydraulic drive. Creation of a "stabilized" lane by depositing the clods and stones between the beds.
- The cart elevator enables the direct removal of disturbing trash with transport vehicles (transfer height up to 2 m).
- The combination of a cross discharge conveyor and the overloading elevator offers the customer maximum flexibility depending on the amount of stones.
- The transport of all clods and large stones is possible using a large bunker (fitted instead of discharge conveyor).



Position 6

Stone box/bunker



Your benefits:

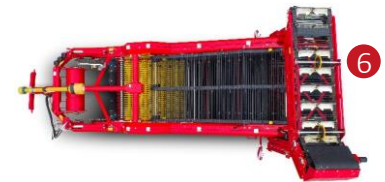
Position:

The selective separation of large stones via a tine comb reduces the mechanical wear of the discharge conveyor.

6 In case of a high proportion of organic mass, star shafts are used for sieving loose soil and ensure a reliable separation of large stones.

The stone bunker (approx. 0.9 t capacity) is particularly suitable for fields with a very high stone content.

Easy emptying at the end of fields by operating the tractor hydraulics.



Position 7

Chassis



Your benefits:

Position:

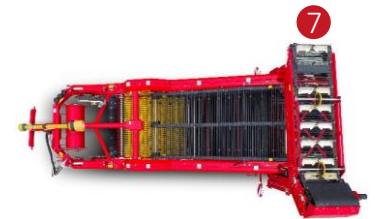
Extremely manoeuvrable due to compact design and large steering angle of the hydraulic axle steering ($\pm 34^\circ$), with axle self-centre steering.

7

Simple increase of the sieving capacity by hydraulic height adjustment of the chassis.

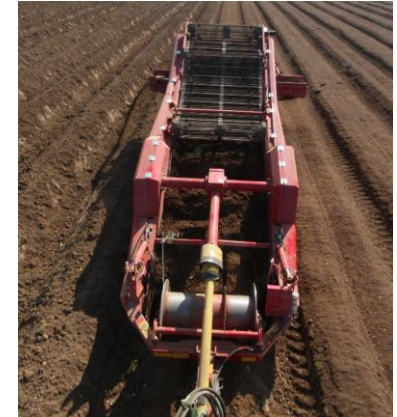
Perfect adaptation to different bed widths, thanks to different track widths from 1.5 to 2 m.

Perfect separation result on hillsides thanks to an automatic levelling at slopes.



Position 8

Operation



Your benefits:

Position:

Convenient and comprehensive operation via control box.

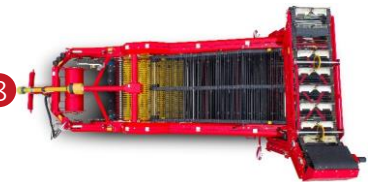
8

High operating comfort due to automatic depth control.

Easy monitoring of the machine thanks to the clear design and a video system for checking the stone box.

Fuel savings through hydraulic load-sensing system.

8



View CS 150
from the left



View CS 150
from the right



View CS 150
from the front



View CS 150
from the rear



View CS 150
from above

