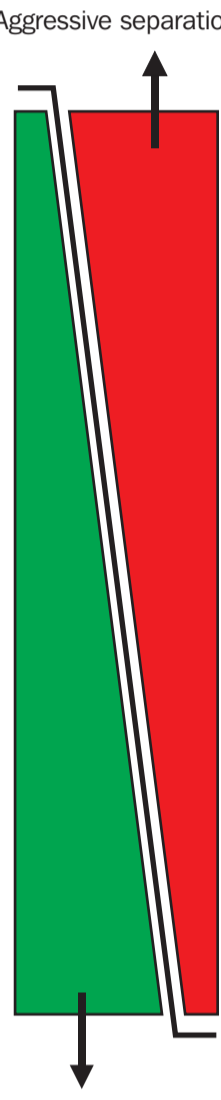
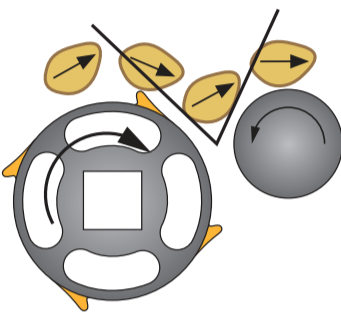
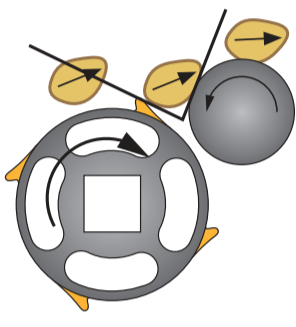
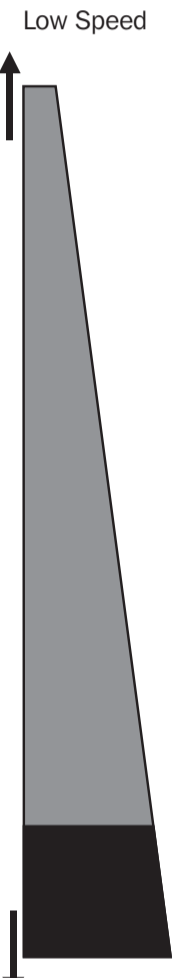
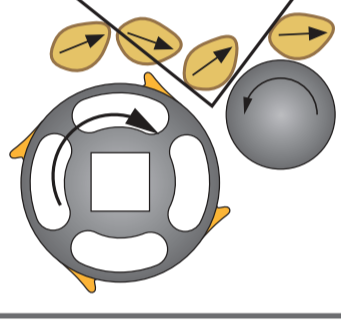
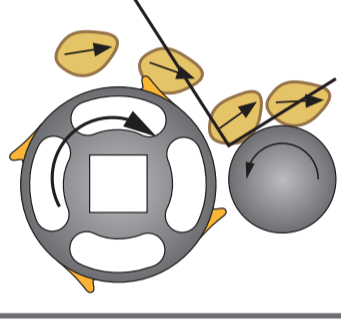
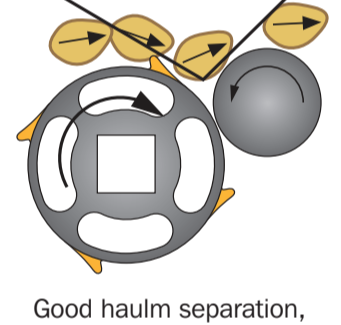
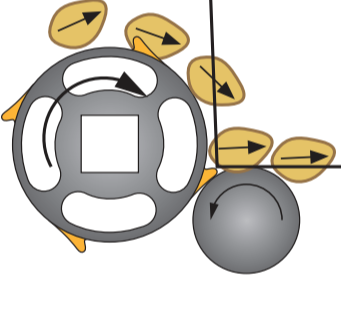
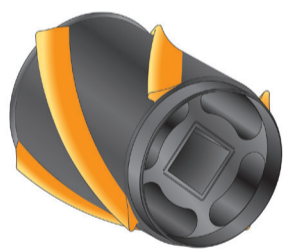


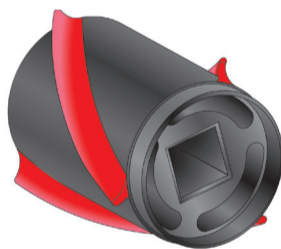
The Principle

Trash Separation	Distance between flat roller and segment roller	Height of plain roller	Speed
 <p>Aggressive separation</p> <p>Gentle treatment</p>	 <p>Good clod separation, reduced haulm separation</p>	 <p>Can cause clogging if there is a high proportion of haulm</p>	 <p>Low Speed</p> <p>High Speed CAUTION If the potatoes start to bounce do not increase the speed any further</p>
	 <p>Good haulm separation, reduced clod separation</p>		
	 <p>Good haulm separation, reduced clod separation</p>		



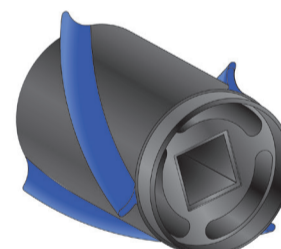
8mm Segment

Four, 8mm PU spiral cleaning lips work in conjunction with the **supported** air pockets to offer gentle extraction and cleaning in normal harvesting conditions. Minimal pocket collapse enables even very small potatoes to be retained in the separator.



10mm Segment

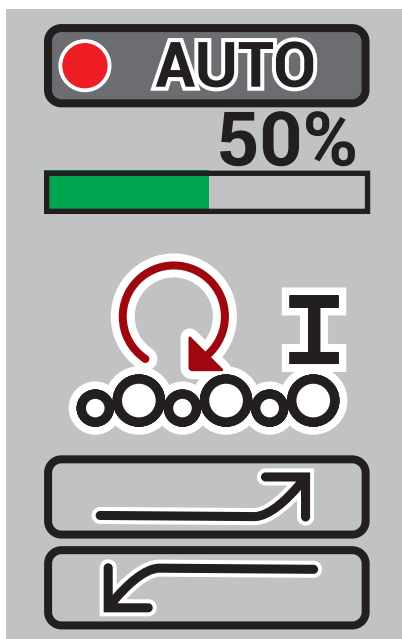
Three, 10mm PU spiral cleaning lips work in conjunction with the **unsupported** air pockets which are designed to collapse during work, allowing efficient clod and stone removal from the crop. The perfect segment for tough harvesting conditions. The segments can be fitted in aggressive or non-aggressive modes.



20mm Segment

Three, 20mm PU spiral cleaning lips together with the **unsupported** air pocket design offers maximum cleaning ability in extreme harvesting conditions. The segments can be fitted in aggressive or non-aggressive modes.

Speed



The speed of the separator rollers is infinitely adjustable. The adjustment is carried out at the operator terminal.

SEGMENT ROLLERS

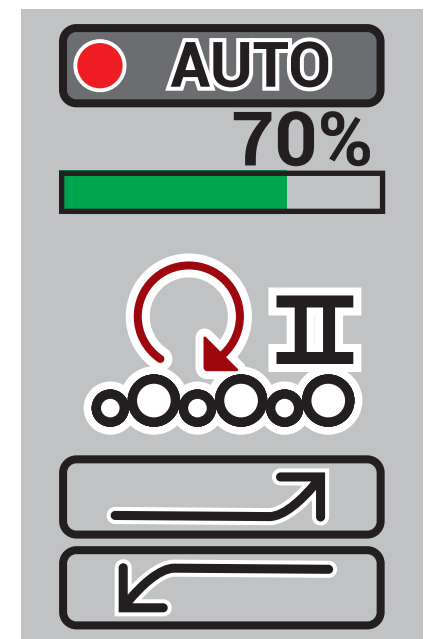
- i Basic setting:**
- Set separator rollers to a medium speed.
 - The harvest must flow evenly.
 - The speed should be increased for dry digging conditions.

Setting	Effect
Fast Speed	+ High harvest throughput - Reduced separating effect
Slow Speed	+ High separating effect - Increased risk of harvest damage and loss

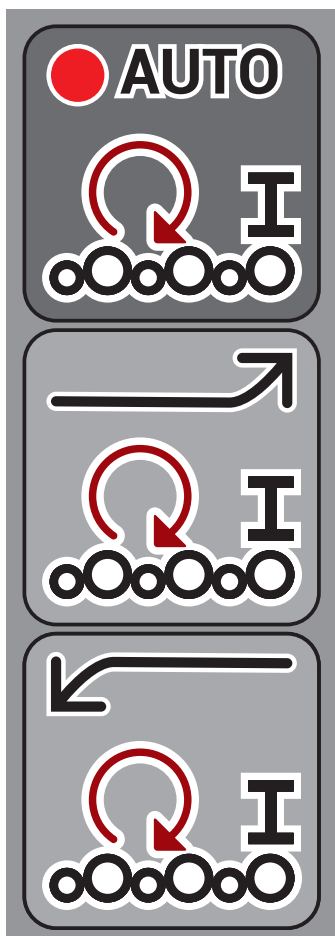
PLAIN ROLLERS

- i Basic setting:**
- Only reduce plain roller speed when the digging conditions require it, e.g. on very damp, sticky ground.
 - Always work at maximum plain roller speed under normal digging conditions.

Setting	Effect
Fast Rollers	+ Highly reduced abrasion (wear) - Reduced separation
Slow Rollers	+ Good cleaning of the segment rollers - Increased abrasion (wear)



Direction



AUTO

Switching the operating mode extracting / conveying on / off

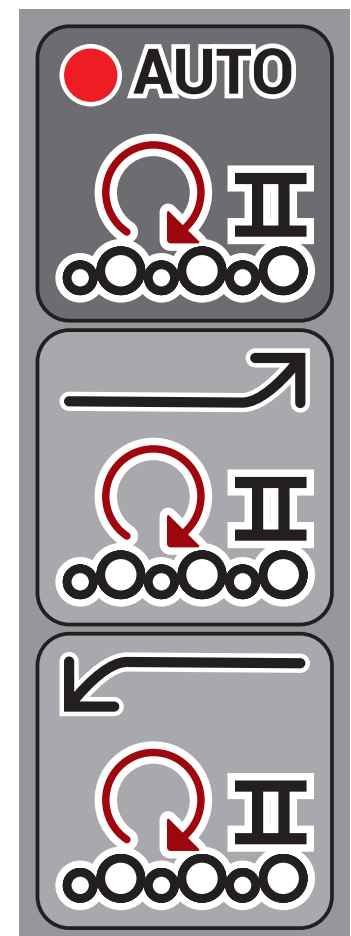
(The LED glows if operating mode extracting is switched on. If operating mode conveying is switched on, the LED is flashing).

NOTE: This is reversed in pre-2009 models.

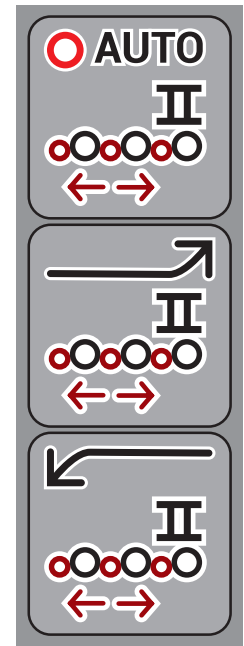
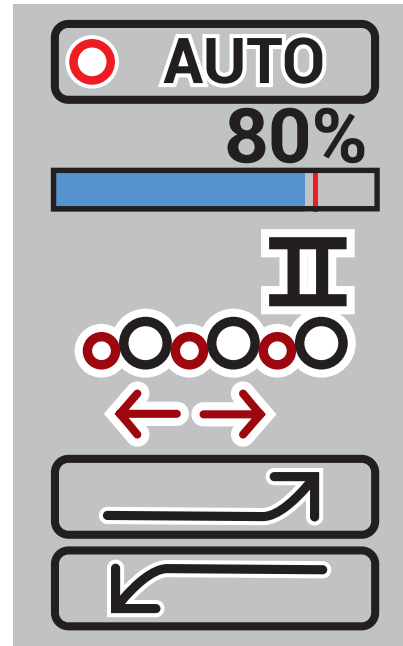
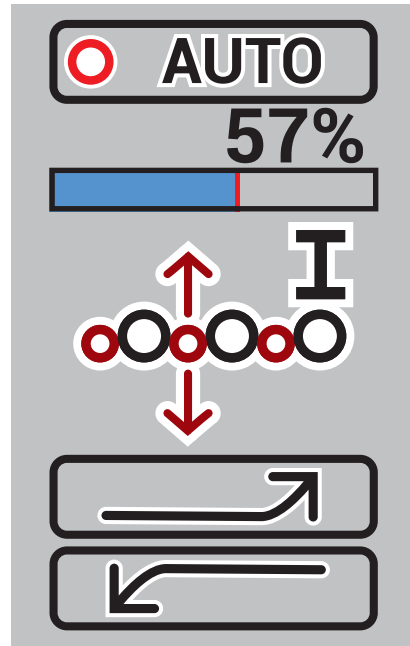
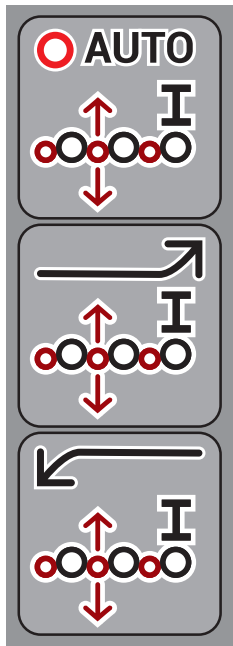
i In 'conveying' mode, the distance between plain rollers and star rollers must be adjusted such that they are NOT in contact with each other.

- i**
- In normal operation, the separator works in 'extracting' mode.
 - The selection can be made during digging.

Setting	Effect
Synchronous Rollers	+ Careful handling of the produce - Reduced separation
Cross-running of Rollers (extracting)	+ Good separation - Risk of damage to the produce



Distance



Basic setting:

- Move plain rollers to the lower range of the adjustment range.

Setting	Effect
Low Position	+ Little risk of clogging + Low risk of produce damage and losses - Reduced separation
High Position	+ Better separation - Higher risk of produce damage and losses - Increased risk of clogging

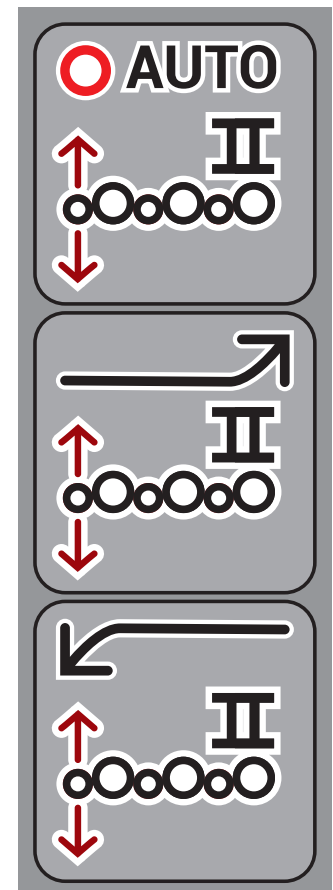
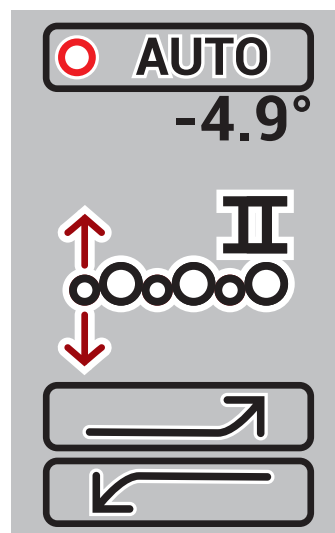
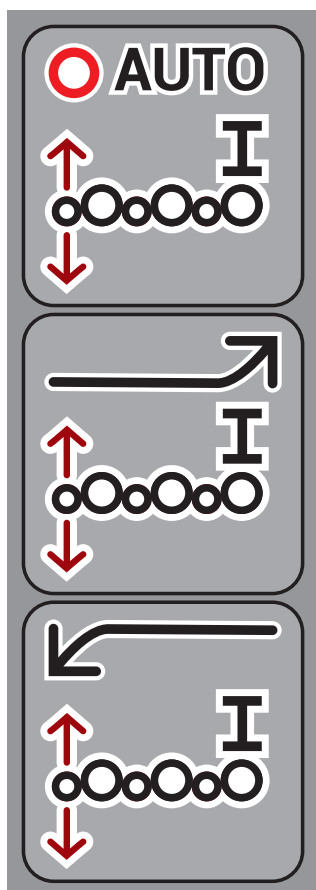


Basic setting:

- Set a small distance between the plain rollers and segment rollers.

Setting	Effect
Small Distance	+ Less risk of damage to harvest and lesser losses of produce - Reduced trash separation
Large Distance	+ Good trash separation (stones, clods, etc.) - Increased risk of damage to produce and higher losses

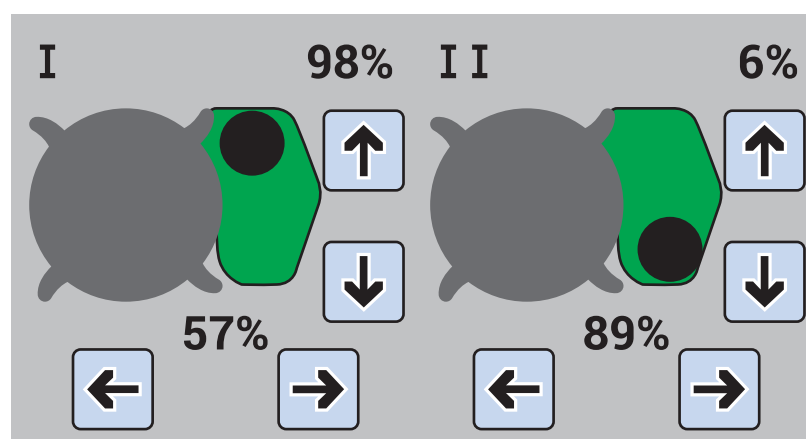
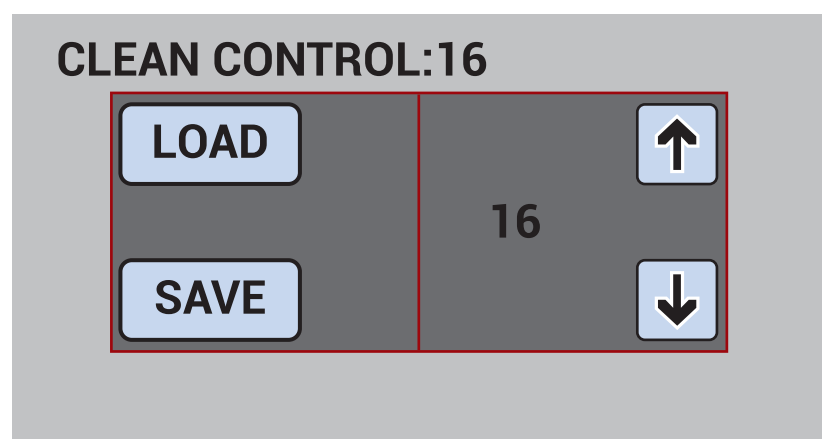
Angle



Setting	Effect
Steep Angle	+ Higher produce throughput + Reduced risk of loss and damage to crop - Reduced separation
Shallow Angle	+ High separation - Increased risk of loss and damage to crop - Reduced produce throughput

Clean Control

The **CLEAN CONTROL** function can be used to save a machine setting that has been found for certain digging conditions. The saved setting can always be recalled. There are 16 memory slots; selection is done via the arrow keys in the control field.



- The current program and the storage space are continuously displayed next to the words **CLEAN-CONTROL**.
- LOAD** = load program. To load or change programs, use the arrow keys to scroll through the programs until the required program number is displayed. Now, press **LOAD** to start the program.
- SAVE** = save machine settings. To save the current machine settings, use the arrow keys to scroll through the menu until the required program number is displayed. Now, press **SAVE** to store at the desired level.

i All drives are adjusted simultaneous in the way specified in the program by the machine operator



Warning - Danger of bruising due to cylinder functions
Calling up the programs also adjusts hydraulic cylinder functions that can present a risk to persons in the range of adjustment.

Consequently: Instruct persons to keep clear of the danger zone.

	I	II	I	II	II
1	25%	32%	0%	40%	30%
2	53%	39%	0%	53%	96%
3	95%	81%	39%	76%	91%
4	66%	73%	14%	15%	100%
5	0%	0%	0%	0%	0%
6	0%	0%	0%	0%	0%
7	0%	0%	0%	0%	0%
8	0%	0%	0%	0%	0%
9	0%	0%	0%	0%	0%
10	0%	0%	0%	0%	0%
11	0%	0%	0%	0%	0%
12	0%	0%	0%	0%	0%
13	0%	0%	0%	0%	0%
14	0%	0%	0%	0%	0%
15	0%	0%	0%	0%	0%
16	0%	0%	0%	0%	0%

