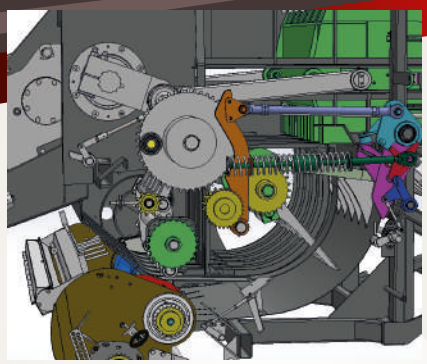
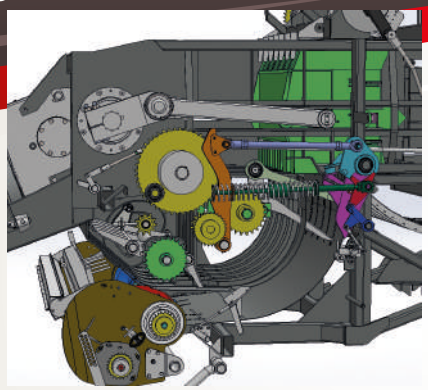
SR 7008

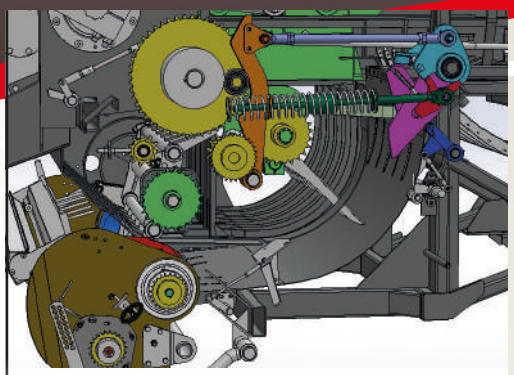
Big Balers 7008

6 versions on the 80 series
...Who more than us?





NON-STOP Clutch



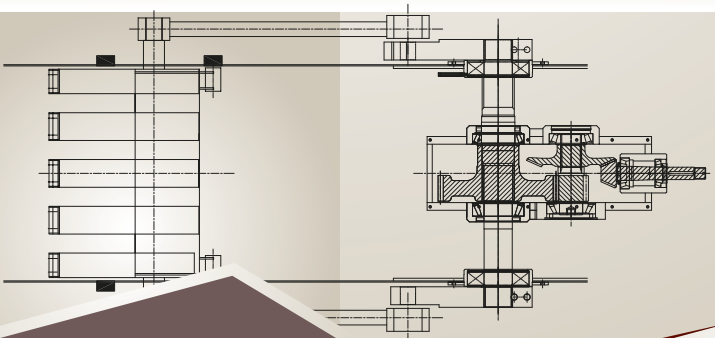
Pre-chamber kinematics.

SR 7008 is equipped with the innovative **"NON-STOP" system with torque limiter** which, allows the feeding phase to be temporarily interrupted automatically in the event of overloads.

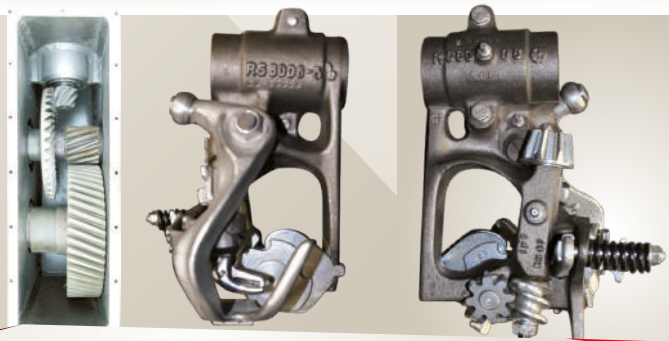
In case of breaking of knotters security bolt, a safety device protects needles stopping the stroke of the hammer.

The electronic control unit placed in cabin permit:
- The setting of density
- The setting time of working and stopping of fans (by "Autostart" system)
  and visualized:
- The binding
- Binding anomaly
- The unloading ramp or the carried stacker
- Bales counter total and partial

View of main gear box with enclosed technical drawing.



"Rasspe" Knotters



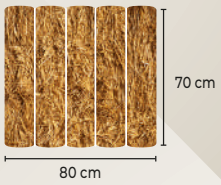
Thanks to the NON-STOP system
Once the overload condition has ended, without any intervention from the operator being necessary, the torque limiter transmits motion to the feeding system again.
This series of balers also adopts a pre-chamber system which allows to obtain well-formed bales with a uniform density even in the event of small windrows.
The latest concept pick-up, 195 cm wide on the SR 7008 and 220 cm on the SR 7008 STAR, allows the cams to be adjusted from the outside. The large diameter side augers direct the collected product towards the center and the 2 torque limiters on the augers + 1 free wheel avoid breakages due to overloads.
After the pick-up there is the feeding system:
· the rotary feeder with two forks conveys the product from the pick-up to the pre-chamber.
· The feeding fork, synchronized with the rotary feeder and the compression piston, feeds the pre-chamber in a continuous cycle.
· Mechanical sensors, when the pre-chamber is filled, activate a kinematic mechanism whereby the feeding fork completes the chamber feeding cycle.

To protect the machine from overloads, beyond the torque limiters there are two safety bolts: one on the flywheel and one on the knotters.
Furthermore, in the event of the latter breaking, a safety device protects the needles by stopping the stroke of the piston.

The carried bales stacker
can be fitted on SR the 7008 model.
Bales collection times in the fields are halved.

The upward opening of the covers,
facilitates operations of maintenance
and supply of twine spools.

Dimensions of the bales stacked in the field:
· 7008 H 140 cm x L. 80 cm x L. from 1 to 2,5 mt



4 Rasspe knotters with the possibility (as an option) to automatically lubricate each point of the knotters.
2 standard fans guarantee constant cleaning, furthermore the **AUTOSTART** kit (optional) allows you to program, by the control unit, the fan pause time which is then managed automatically.

SR 7008

	SR 7008
Length (mm)	6800
Width (mm)	2460
Height (mm)	2900
Weight (Kg) (without stacker)	5100
Power required Kw/Cv	66 (90)
PTO (rpm)	1000
Bale height (mm)	700
Bale width (mm)	800
Bale length (mm)	1000 ÷ 2500
Pickup width (mm)	1950; 2200 STAR vers.
Pick-up's tires	15 x 6.00-6
Pick-up lifting	hydraulic single-acting
Distance between teeth	70 mm
Number of teeth	96
Number of spring tubes	4
Transmission	by chain with free wheel
Hammer stroke lenght	500 mm
Speed (strokes/min.) of the hammer	46
Nr. knotters	4 Rasspe
Fans on the knotters	2
No. of twine spools	15
Standard tires	16.0/70-20
Optional tires	500/45-22,5