

TITANIUM NO-TILL PLANTER

Precision Planting on a Budget

suitable for :

- maize
- sunflower
- soya
- sorghum
- beans
- cotton
- peanuts
- canola &
- other crops



Agricultural Equipment


The TITANIUM Precision Planter in a NO-TILL setup :


FertiSystem[®]
FERTILISER AUGERS

FERTILISER HOPPER
Volume : 250L each

SEED RATE SETTINGS
are easily accessible.
(FERTILISER SETTINGS
are located on opposite
side of the frame.)

SEED HOPPER
Volume : 35L each

SEED METER from
 **J. ASSY**[®]

DEPTH ADJUSTMENT
with 13 planting
depth settings

DEPTH ADJUSTMENT
for cutting couler

18" CUTTING COULER
spring loaded
4mm thick Boron steel

**Koyo[®] DOUBLE
ROLLER BEARING**
with triple lip seal

PRESS WHEEL
from Boron steel

SKF Agri-hub[®]
with cassette seal,
maintenace free

CLOSING TOOL
with skid

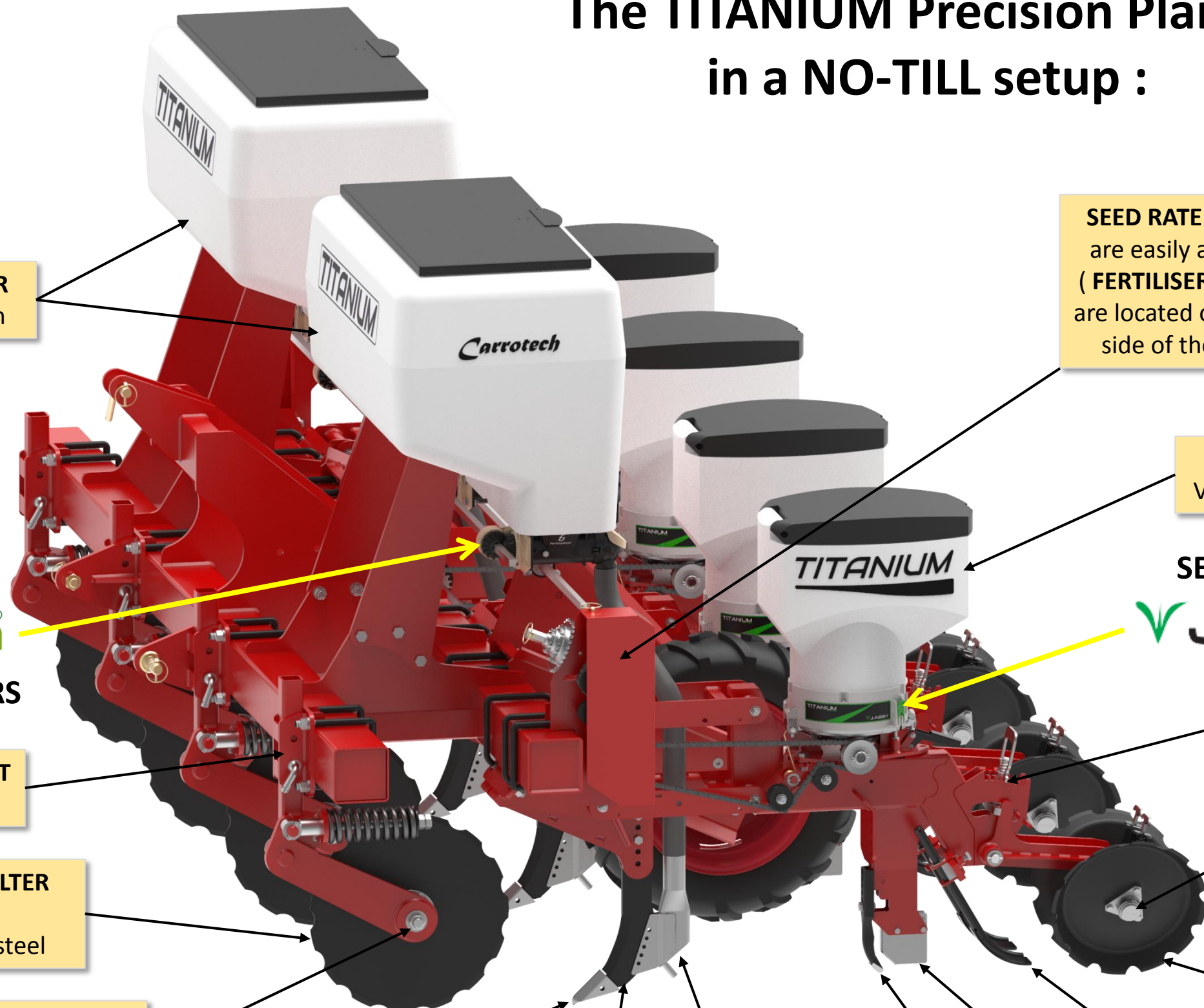
RIPPER TIP
from wear resistant
chrome iron

RIPPER SHANK
forged from high
carbon steel

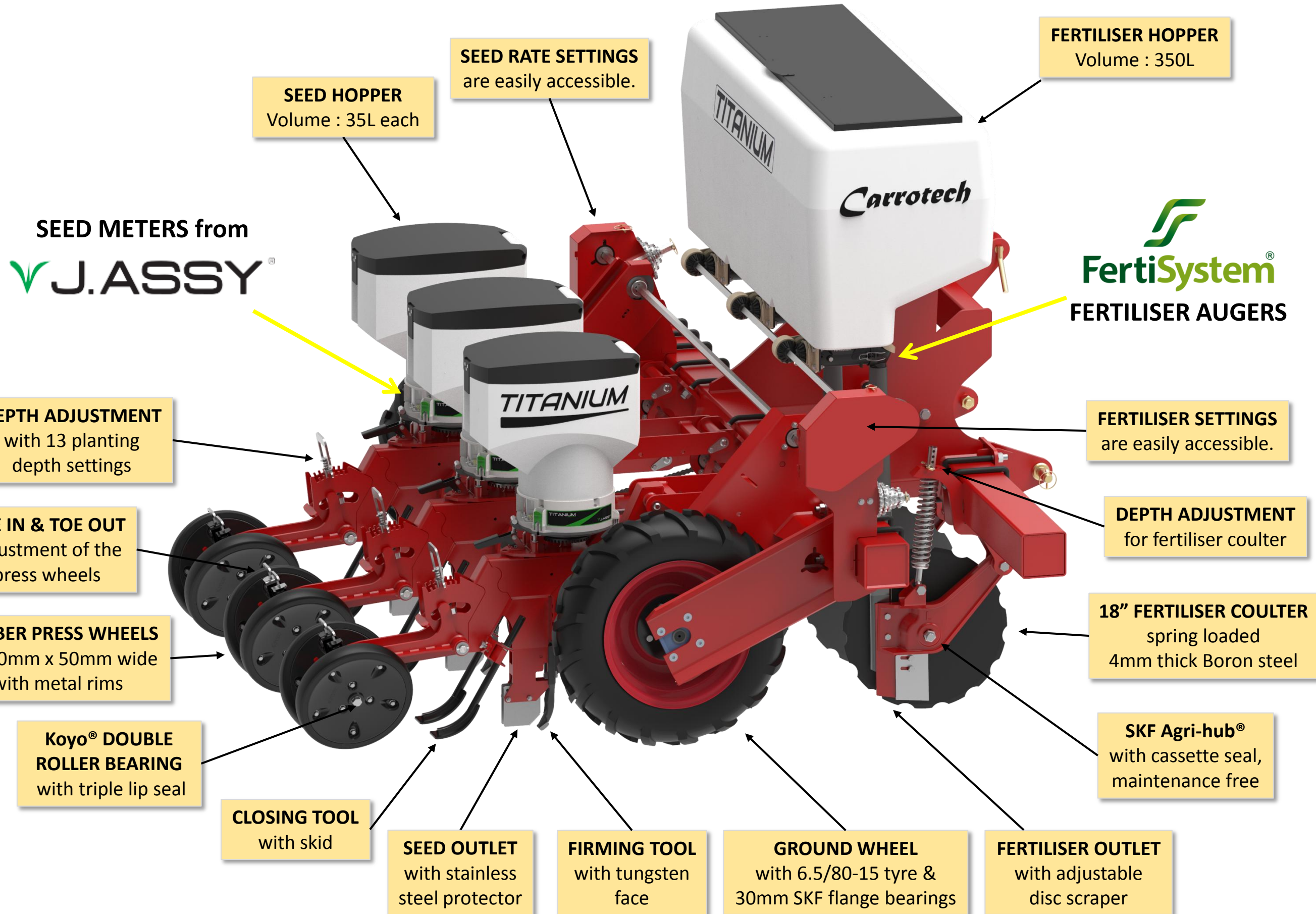
FERTILISER OUTLET
with stainless
steel chute

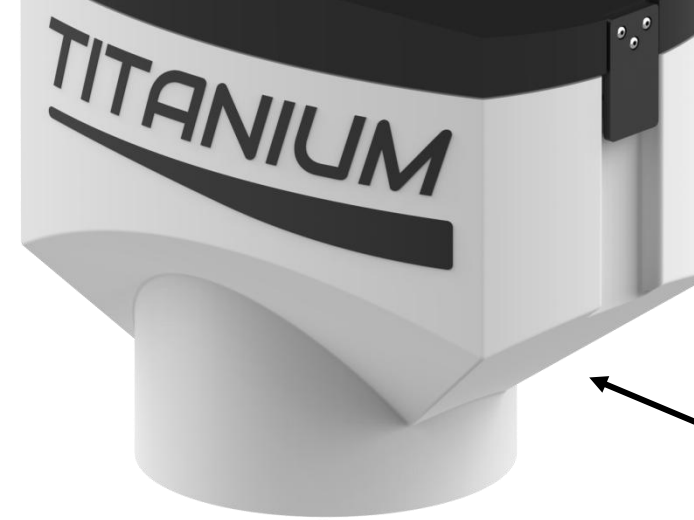
FIRMING TOOL
with tungsten
face

SEED OUTLET
with stainless
steel protector



The TITANIUM Precision Planter in a CONVENTIONAL setup :





**The TITANIUM
mechanical seed meter
&
The APOLLO RAMPFLOW
seed discs and runners.**

SEED HOPPER
35 Litre capacity.

WEIGHT DISTRIBUTOR
Allows only the right amount of seed to be on top of the seed disc independent of the volume in the seed hopper.

INSPECTION WINDOW

FLEXIBLE SEED ORGANIZERS

FLEXBRUSH ROLLER
One universal roller for almost all crops ejects seeds from the seed disc that would not fall out by gravity alone.

ANTIBOUNCE BRUSH
Keeps the seed in the place during the last rotational stage.

APOLLO RAMPFLOW SEED DISC
Skips and doubles are almost eliminated by the shallower side wall to the rear side of each seed hole

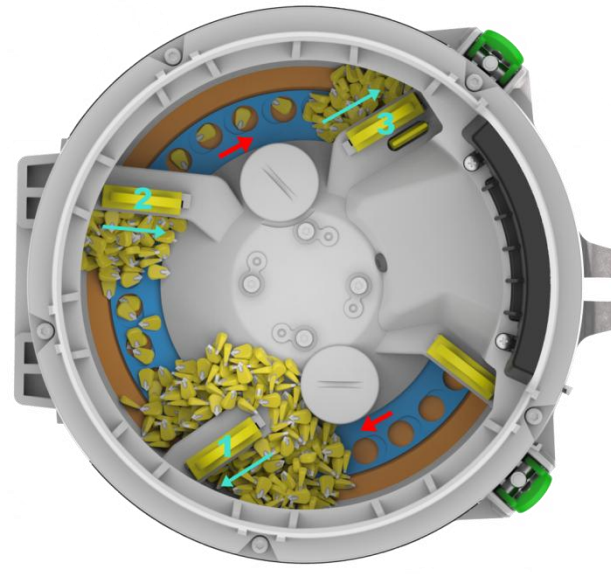
DISC RUNNER
Between two and five different runners are available depending on the planted crop. Some have a deeper and some a shallower surface to accommodate a wide variety of seed shapes and sizes.



**The TITANIUM
seed meter gives
the user peace of
mind during the
planting process.**

INSPECTION WINDOW

It allows the user to check the seed meter's performance during planting. A possibility for skips and doubled is greatly eliminated with the correct choice of seed disc and disc runner and the inspection window makes it possible for the user to double check whether the right choice was made. There should be no skips or double seeds in the seed disc as it rotates over the drop out hole. This and the proper exit of the seed from the seed disc can easily be observed through the window.



FLEXIBLE SEED ORGANIZERS

Three polyurethane ORGANIZERS (see 1, 2 & 3) are positioned at different angles against the running direction of the seed disc (red arrow). These ORGANIZERS wipe the seeds gently into the seed disc ensuring each hole in the seed disc is filled with only one seed at a time. The flexibility of the ORGANIZERS prevent seed from being damaged during the organising process.

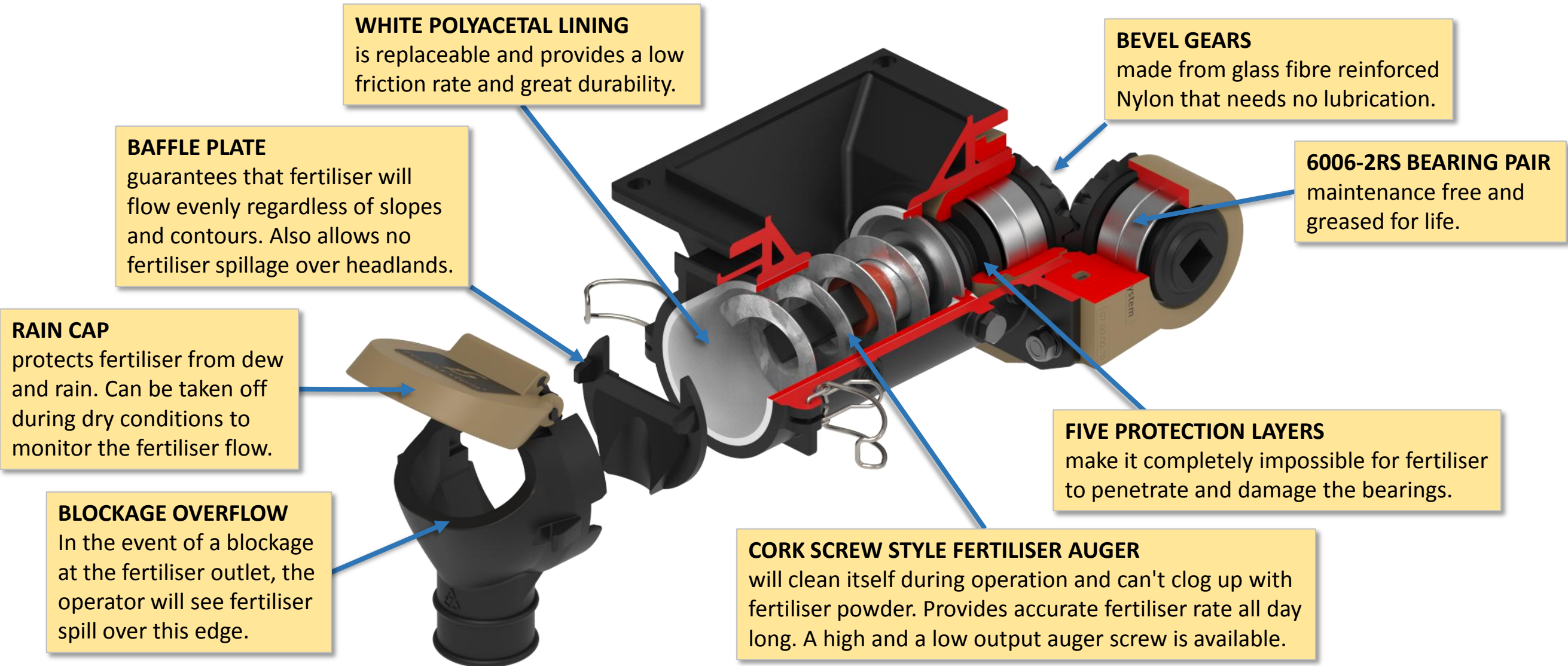
TOP PERFORMANCE IS GUARANTEED BY USING



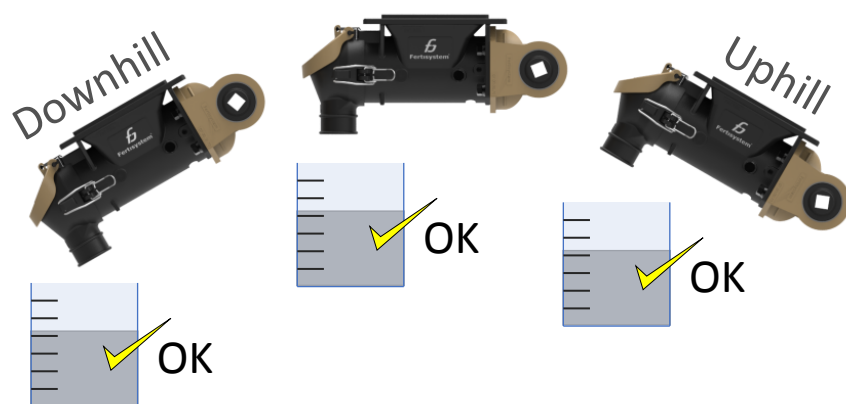
RAMPFLOW® SEED DISCS & DISC RUNNERS



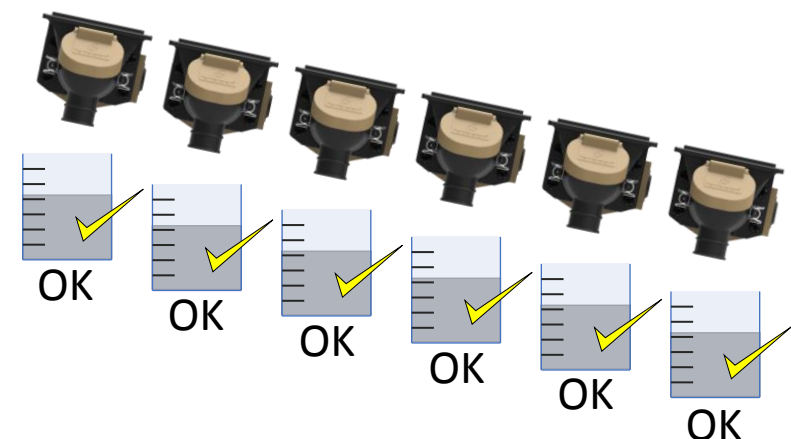
The highly accurate FERTISYSTEM® Fertiliser Auger can handle high fertiliser rates & poor fertiliser quality.



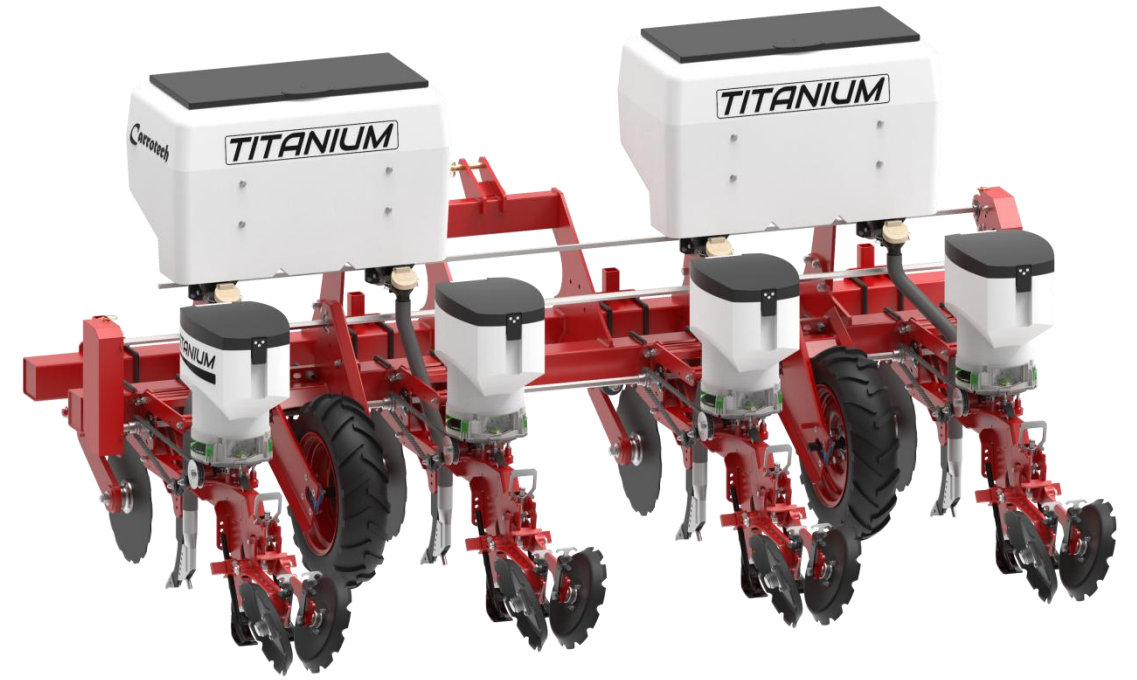
Uniform distribution downhill and uphill



Uniform distribution across lines even on slopes



Various configurations are possible.



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Visit
www.carrotech.co.za
for more details.