

Anderson Smart-mix TMR Mixer Line-up 2016-2017



Product line overview

- | | Release date |
|---------------------------------|--------------|
| • Stationnary | |
| • Single auger (282-490 cu.ft) | June 2017 |
| • Twin auger (522-897 cu.ft) | June 2017 |
| • Pull-type | |
| • Single auger (282-490 cu.ft) | Jan 2017 |
| • Twin auger (522-897 cu.ft) | Nov 2016 |
| • Triple auger (953-1575 cu.ft) | Apr 2017 |



Product line overview

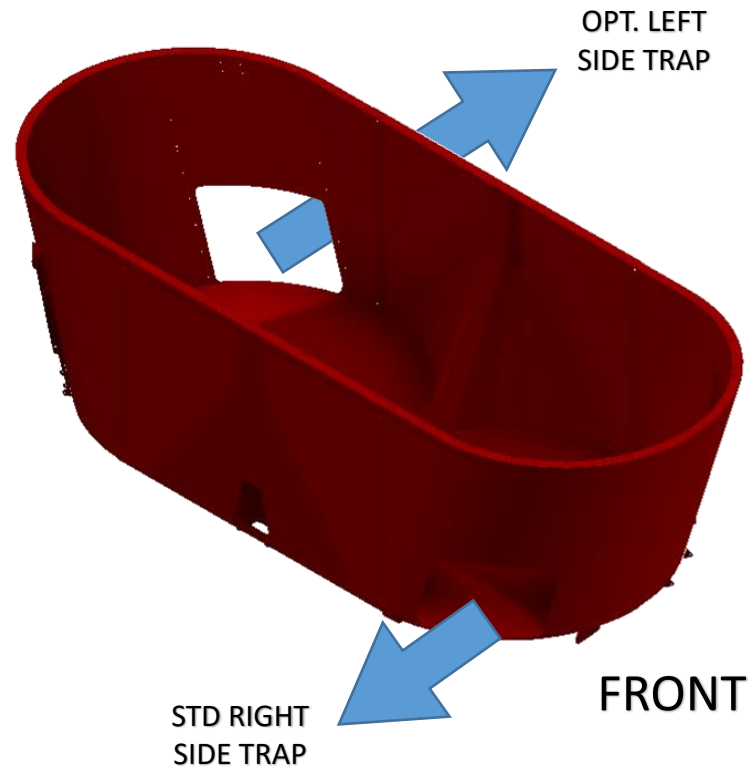
Model	A280	A380	A520	A700	A950	A1230
Mixer type	Pull type	Pull type	Pull type	Pull type	Pull type	Pull type
Cubic feet – no extension / with extension (Net volume available)	282/310/338/367	380/416/453/490	520/568/617/666	695/762/829/897	953/1038/1125/1212	1236/1348/1461/1575
Number of Auger	1	1	2	2	3	3
2 speed gearbox	N/A	Optionnal	Optionnal	Optionnal	Standard	Standard
RPM – Low Speed	N/A	26.9	26.9	26.9	27	27
RPM – Standard High speed	40,3	40,3	40,3	40,3	41.4	41.4
PTO HP Requirement (Low Speed)	70	60	66.7	80	95/100/105/110	145/155/165/175
PTO HP Requirement (High Speed)	70	85	100	120	145/150/155/160	220/230/240/250
PTO Drive	540	540	540	540	1000	1000
Planetary	In-line	In-line	In-line	In-line	In-line	In-line
Discharge Option	- Side trap	- Side trap - Front conveyor	- Side trap - Front conveyor - Rear Commodity door	- Side trap - Front conveyor - Rear Commodity door	- Front conveyor - Rear Commodity door	- Front conveyor - Rear Commodity door
Scale System	3-point	3-point	3-point	4-point	6-point	6-point
Floor Thickness (AR400)	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"
Sidewall Thickness (AR200)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Flighting Thickness (AR400)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Knife adjustable per auger	10	10	10	10	10	12
Width (inch)	90	97	100	103	100	112
Length (inch)	176	204	271	319	378	433
Height (inch)	97 ^{1/2} /104/110/116	97 ^{1/2} /104/110/116	102/108/114/120	110/116/122/128	113/119/125/131	113/119/125/131
Weight (kg) without extension (Side trap/Conveyor)	2900/-	3600/4050	5700/6260	6860/7710	-/12500	-/14000



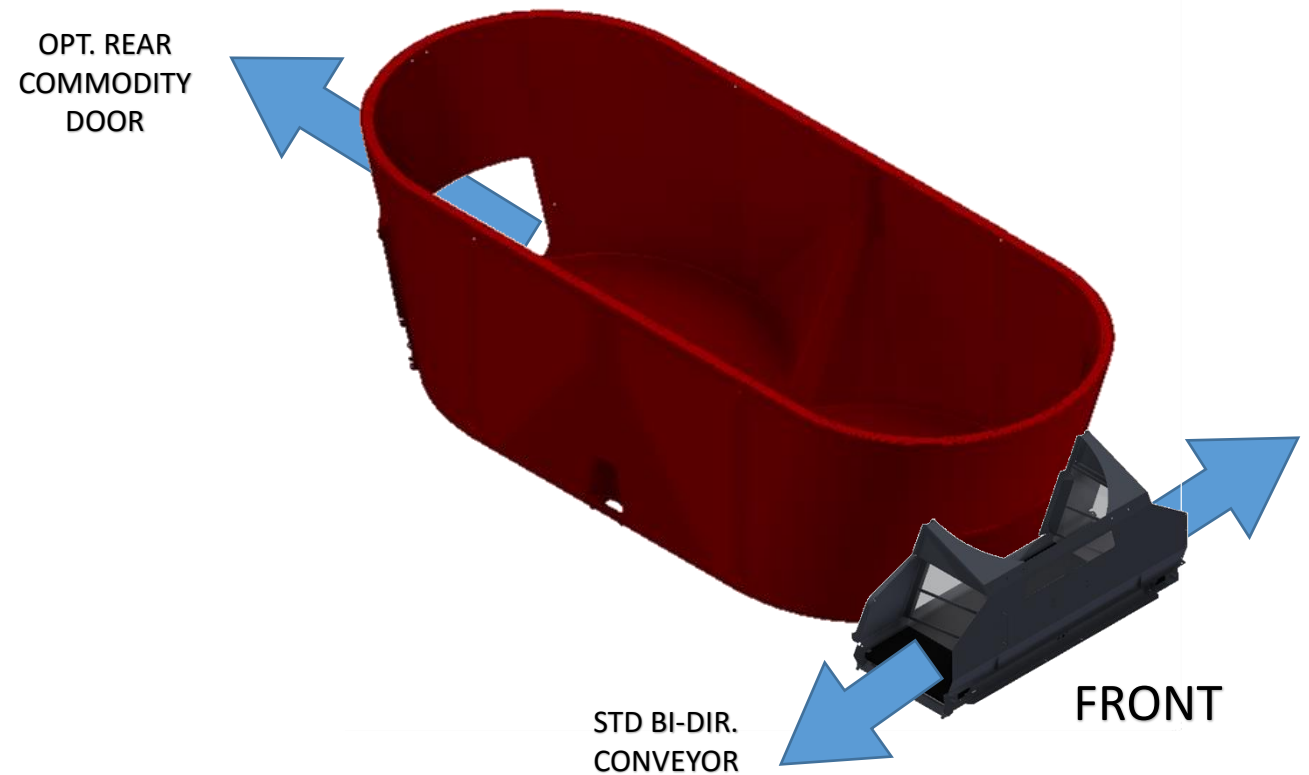
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Product line overview

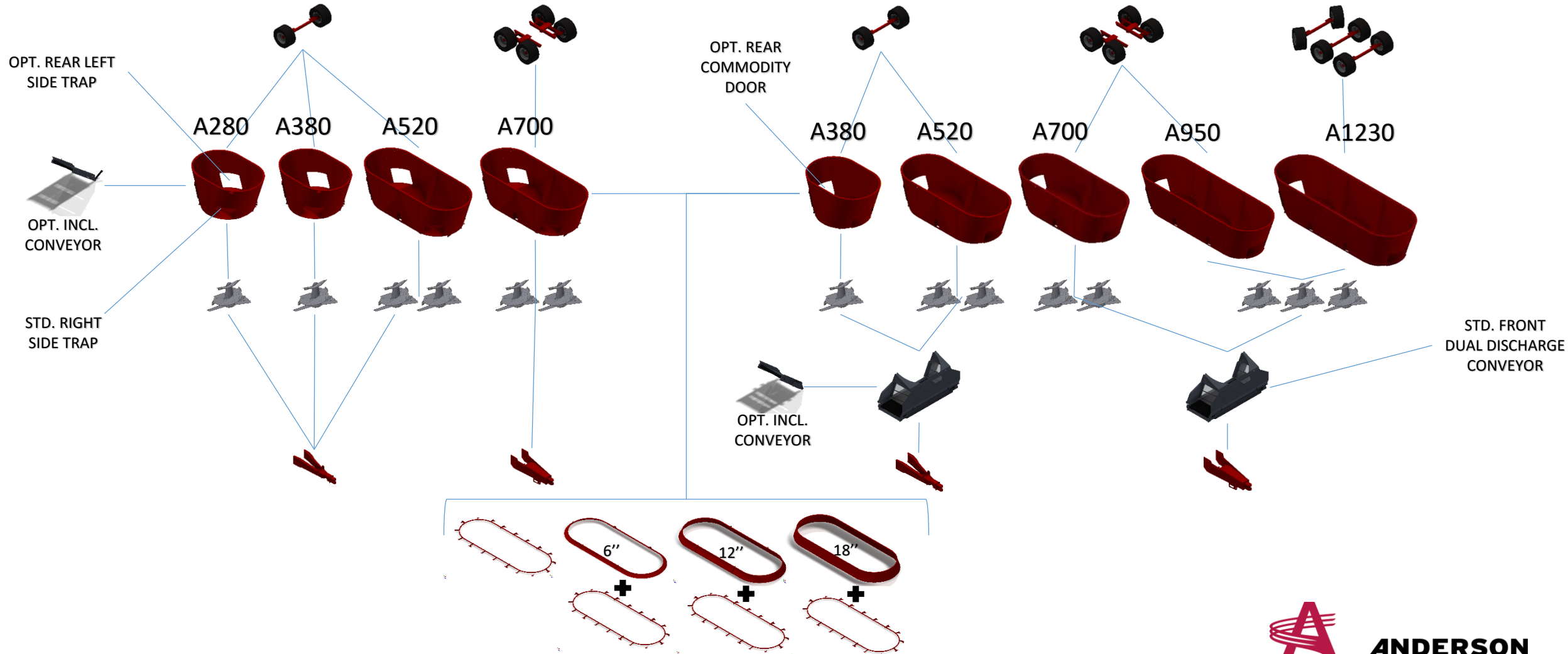
- Side trap



- Conveyor



Product line overview



Product line Overview – main feature

- Wireless Smart Control
- Truecut System
- Tri-cut Edge Auger

Features – Truecut system (patent pending)

Industry 1st Remote hydraulic restrictor blade

- Anderson Truecut system give the operator's ability of disengaging restrictor blade during the mixing process without leaving the tractor seat.
- Provide better preservation of structural integrity of the ingredient that dont need to be processed, but simply gently mix.
- Result in better assimilation from the cow resulting in increase of milk production/
Avg. Daily gain up to 5%



Features – Wireless Smart Control

Loading of the feeder

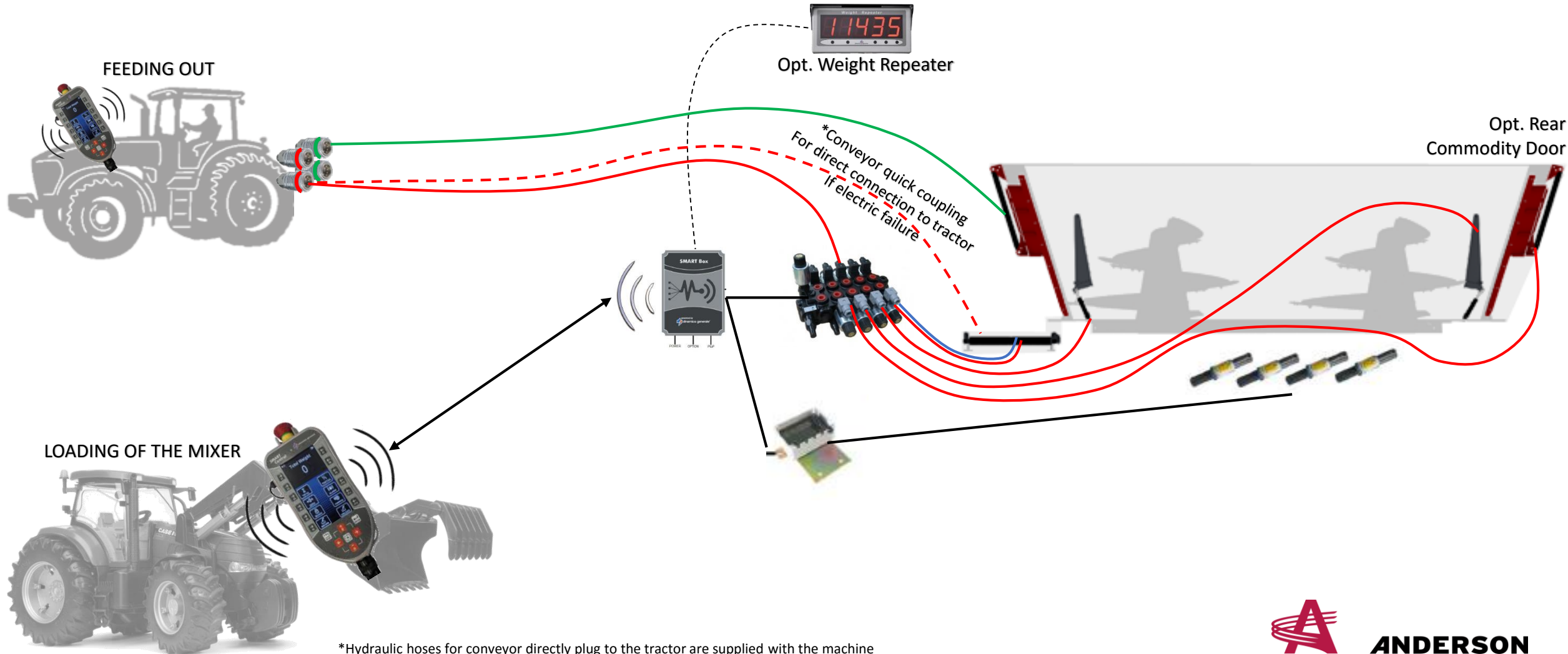
- During the loading phase the operator can use the Anderson Smart Control on the loader to control in real time weight information: recipe/components/actual weight...

Feeding out

- During the feeding out the Anderson Smart Control can be used in the tractor.
- It is possible to control wireless all hydraulic functions of the distribution phase (exception of main trap door which is directly connected to the tractor)

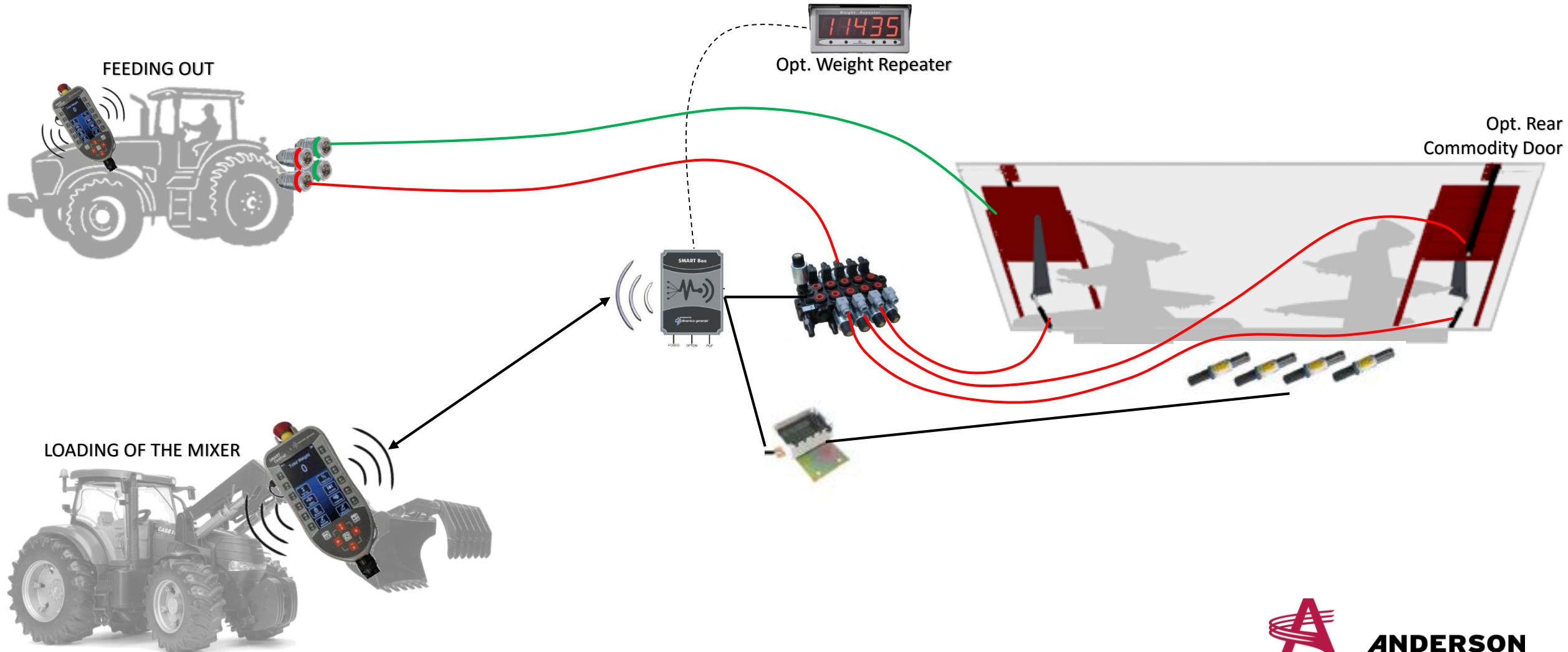


Features – Smart Control vs Hydraulic Control Conveyor discharge



Features – Smart Control vs Hydraulic Control

Side trap discharge



Anderson Vertical TMR Mixer General Loading Order

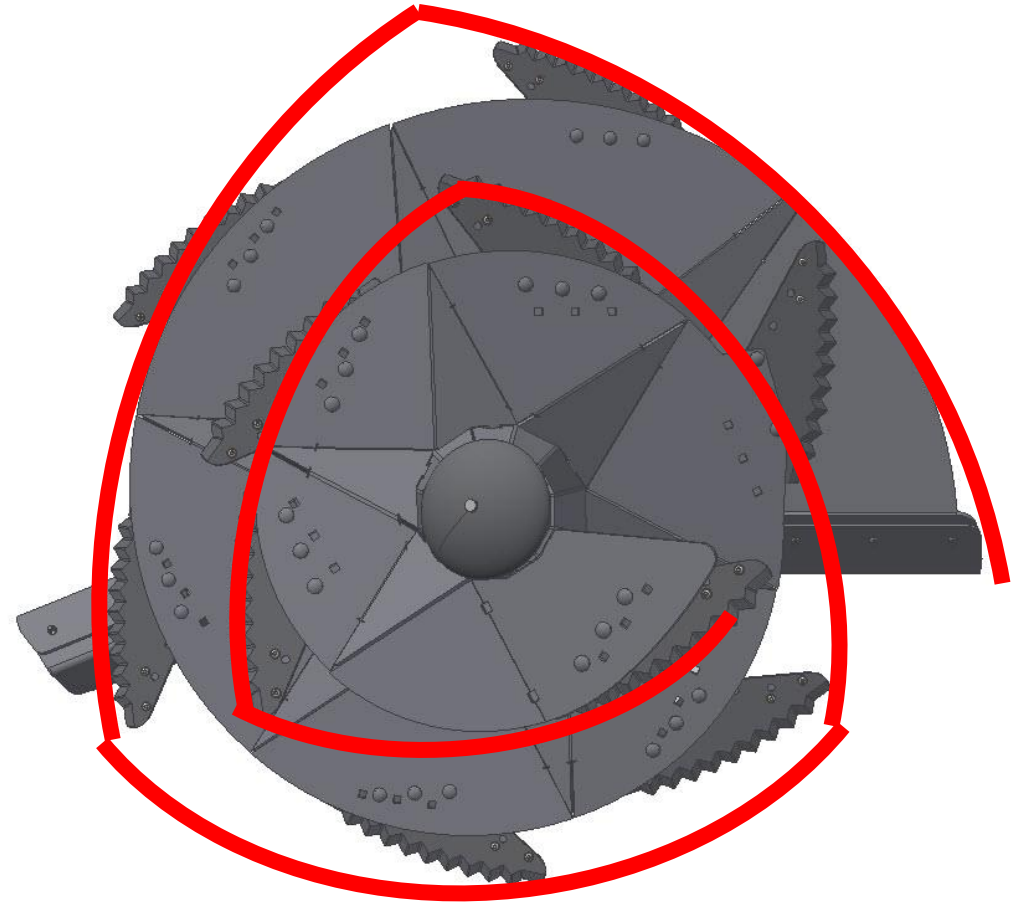
- Remotely engage hydraulic restrictor blade
 - Long Stem processing
- Remotely disengage hydraulic restrictor blade to avoid overmixing and preserve further added ingredient structural integrity
 - Water (if necessary)
 - Corn silage
 - Grains/dry premixes
 - Wet Commodities
 - Haylage
 - Liquids

What is delivered with each TMR

- 4 box Penn State Shaker box with balance and instruction
- Smart Control remote + lithium battery
- 1x Smart control universal cable (link cable between Smart Control and tractor/wall adapter)
- 2x tractor power cable with quick connect
- 1x 110v wall adapter

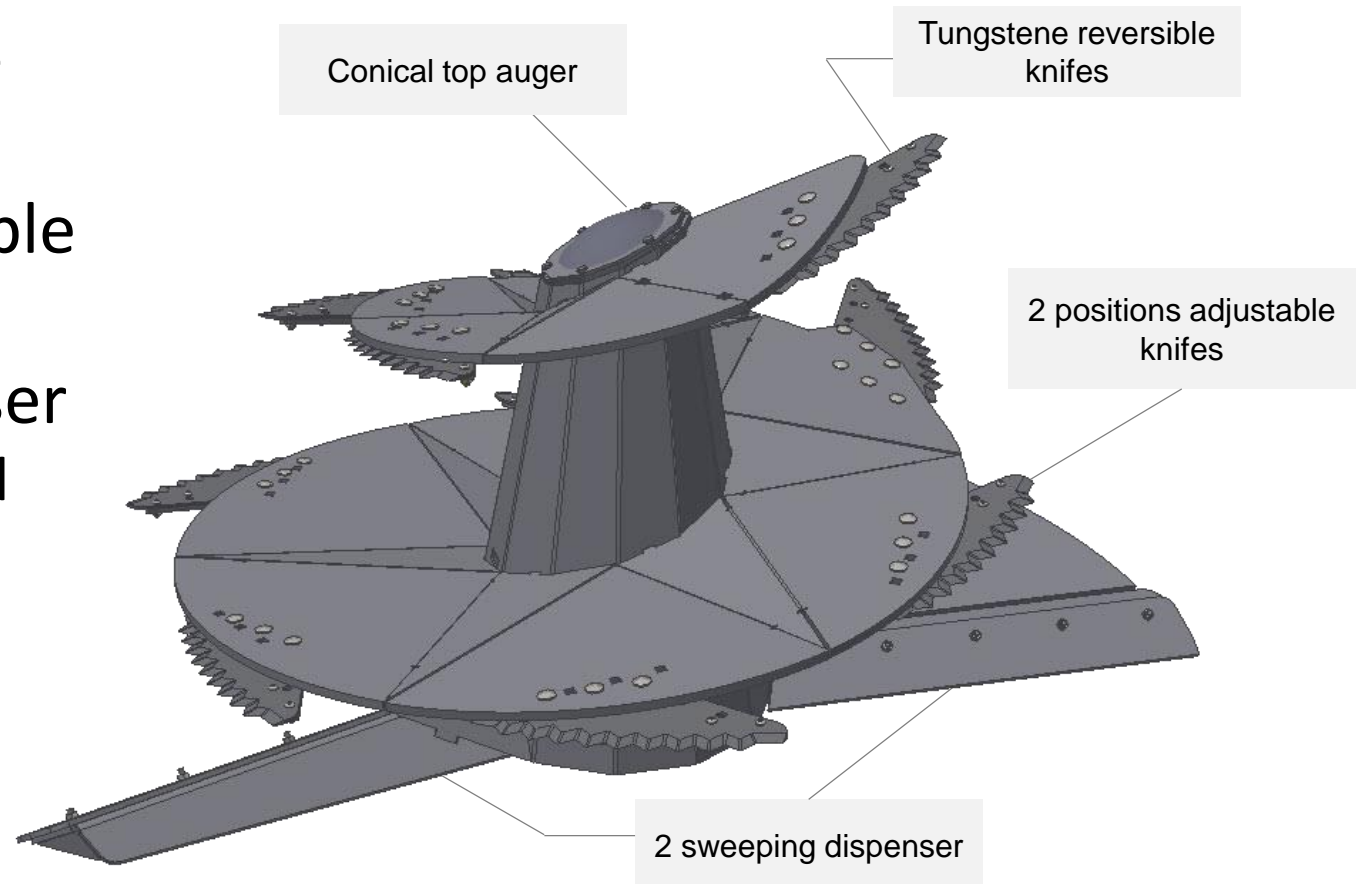
Features – Tri-cut Edge Auger

- Tri-cut Edge Auger
 - Fast bale processing
 - The triangle position of the blade around the auger give flat edges to the auger, processing quickly baleage and speed-up flow material around the auger.
 - Up and down mixing effect
 - While being efficient on braking down bale, the spiral shape of the auger allow the best upward movement of the feed through the middle combined with the downward movement of the feed along the rolled tub wall creating the best mix.
 - Tri-cut Edge Auger is the only design that provide optimal mixing in any type of ration (corn silage, haylage, baleage)



Features – Tri-cut Edge Auger

- Tungsten reversible knives (10 std.)
- 2 positions adjustable knives
- 2 sweeping dispenser
 - Ensure a faster and more consistent discharge
 - Faster clean out
- Abrasion resistant AR400 steel design

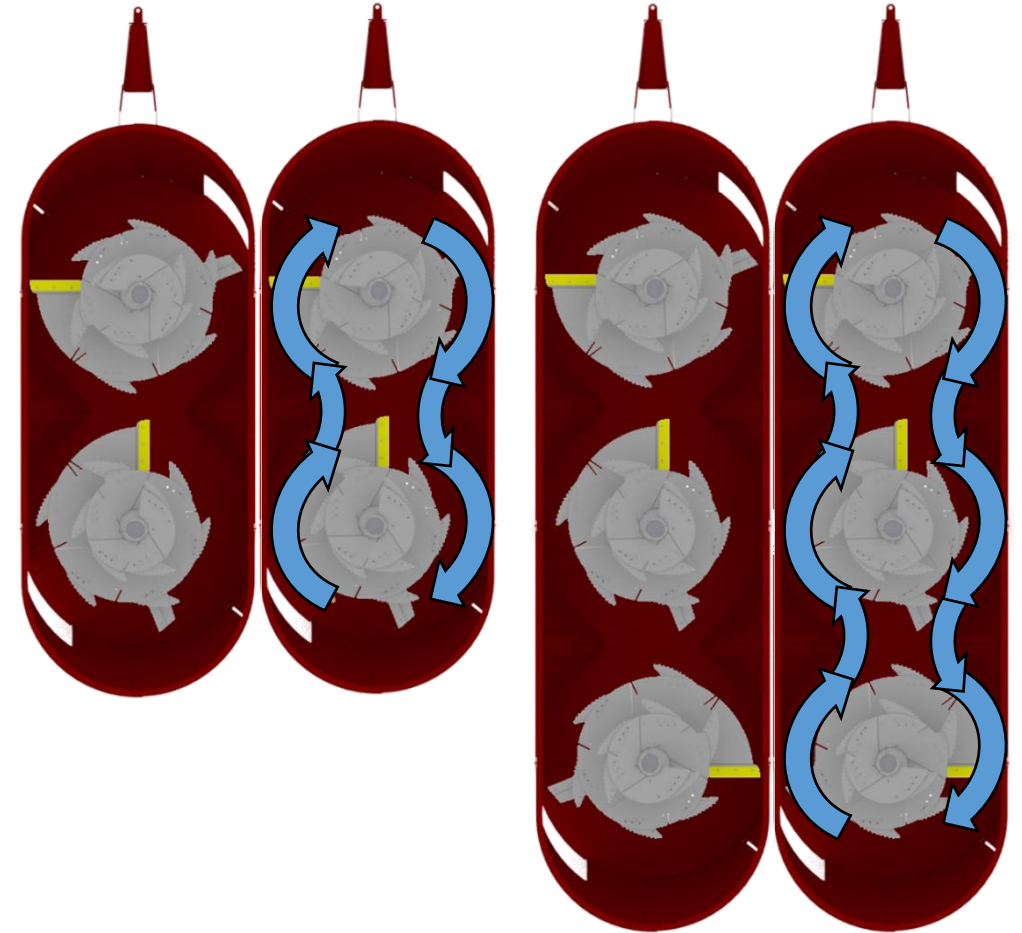


Features – Tri-cut Edge Auger

- Palatable feed
 - Anderson Tri-cut Edge Auger as been design to get a fluffy ration, therefore rending a more palatable feed, which traduce in better assimilation from your cows.

Features – Tri-cut Edge Auger « timing »

- Horizontal flow movement
 - On twin and triple auger, Tri-cut Edge Auger design are positionned in a specific manner to optimize material flow from the front to the back of the mixer, insuring an optimal homogeneity.
 - Each auger shall be 90 degree offset with the next auger as per picture shown.
 - 9&12 o'clock on a twin auger
 - 9,12&3 o'clock on a triple auger



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Features – Bi-directional conveyor discharge

- All conveyor discharge left or right standard, and are extendable manually (standard) or hydraulically (optional) up to 12”.
- Conveyor can also be equip with incline discharge conveyor option (0.9m,1.2m,1.5m). In this case, the main conveyor cannot extend left or right hydraulically ot either manually.
- Optional tool less & retractable magnet drop gate.



HD conveyor belt
Rated -40C

Features – Side trap discharge

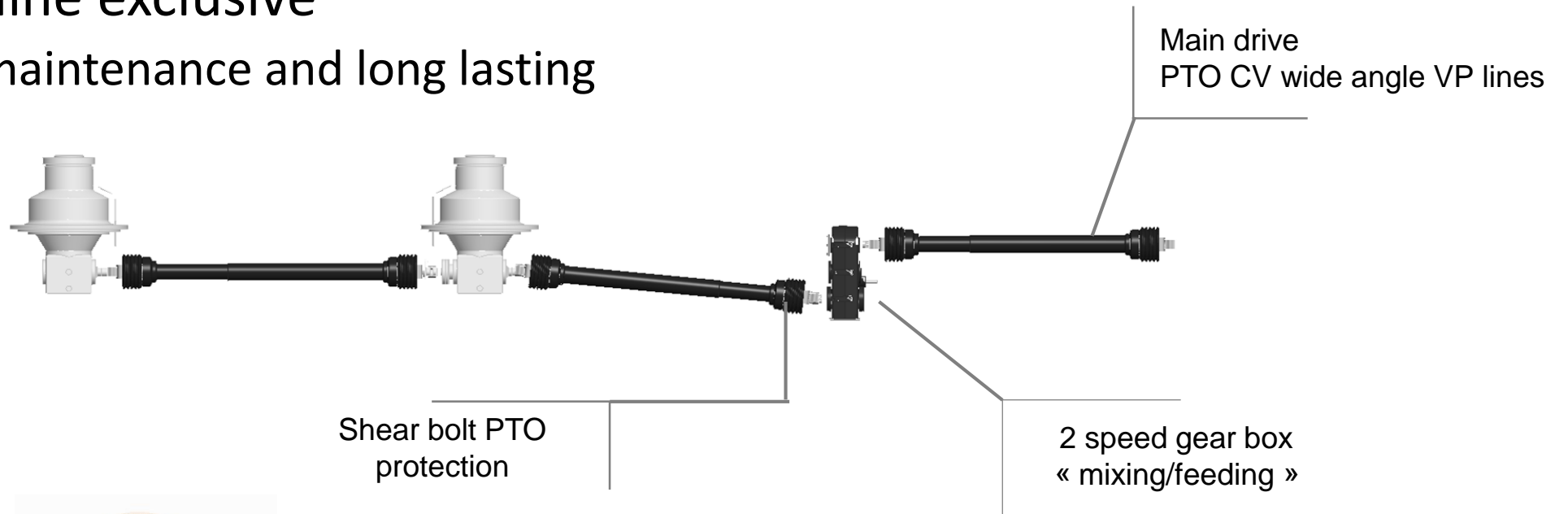
- Side trap discharge are design with drop floor.
- Optional magnet can be install as well
- Side trap can also be equip with inclined conveyor.



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Features – Drive

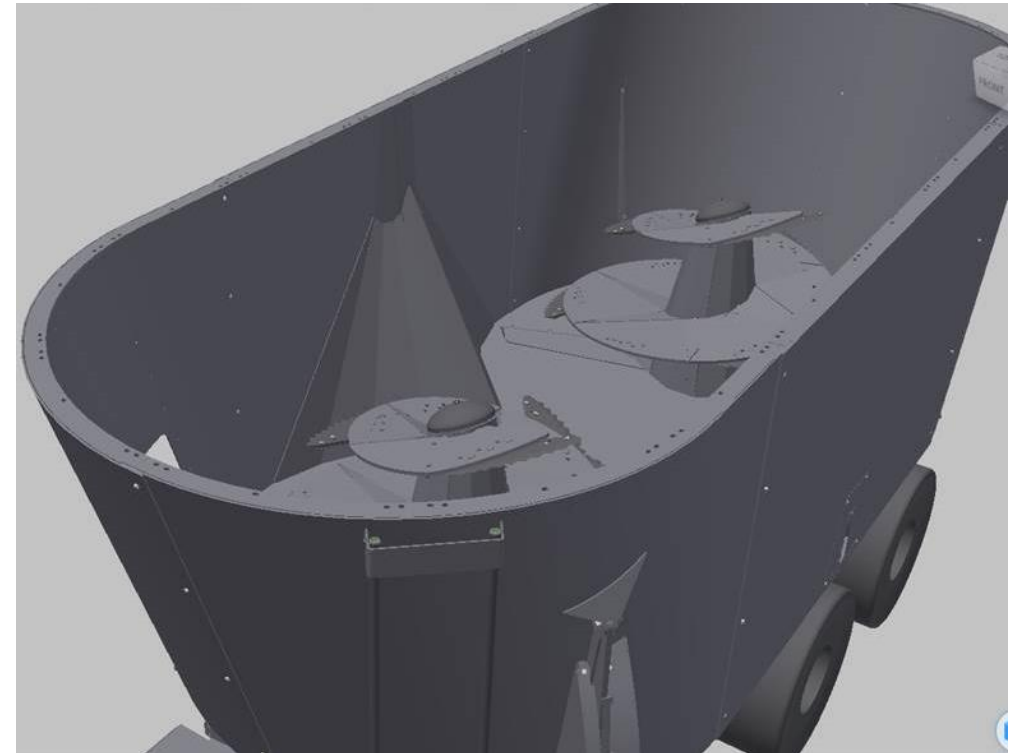
- PTO VP line exclusive
 - Low maintenance and long lasting



- Free standing auger protecting gear box from any stress

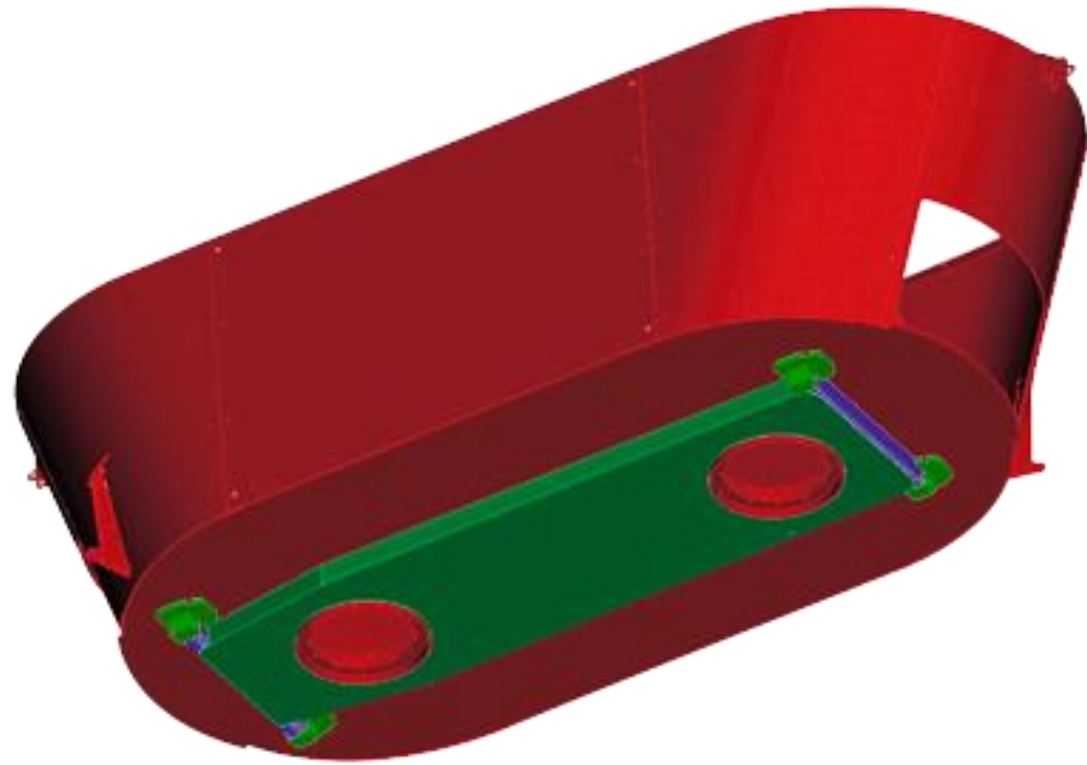
Features – Rolled Tub Side Wall

- Side wall are rolled and not bended like others
- Reinforce the solidity of the tub naturally
- Better flow of the material by avoiding restriction around the auger, and also up and down
- Less horse power consumption
- Better mixte homogeneity



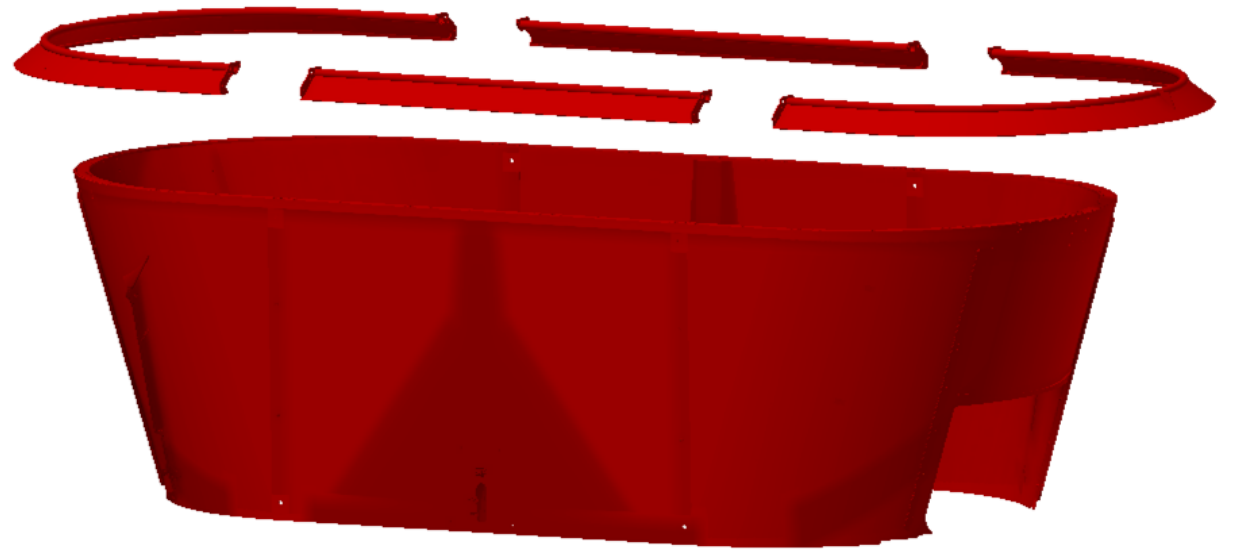
Features – Tub floor

- Tub floor is reinforced to ensure:
 - Long lasting of the floor
 - Long lasting of load cell by equalizing the weight uniformly



Steel capacity extension 6''/12''/18''

- Extend tub wall lifetime by reinforcing the complete structure
- Avoid rubber extension cracking and replacement cost year over year



Why Anderson's TMR mixer standout from others?

Features	Benefits
Industry first remote hydraulic restrictor blade	<ul style="list-style-type: none">• Reduce mixing time by chopping down fiber more quickly with tall and deep restrictor blade (instead of half-way in like anyone)• Allow to engage/disengage restrictor blade without moving off your tractor.• Preserved structural integrity of added ingredient = better assimilation = higher cow output• Better fiber length control• No risk of over processing• Reduced HP consumption during the mix (compare to when restrictor blade are engage during the all time)
Tri-cut Edge Auger with double sweeper	<ul style="list-style-type: none">• Optimal Horizontal and Vertical feed mixing in any ration (baleage, haylage, corn silage)• Fast bale processing• Fastest feedout & consistent unloading



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Why Anderson's TMR mixer stand out from others?

Features	Benefits
Rolled tub wall	<ul style="list-style-type: none">• Less friction of material against wall• Better flow material• Best homogeneity of the market• Longer tub lifetime• Less horsepower consumption then competitor
Hard steel self-sharpening cutting blade	<ul style="list-style-type: none">• Anderson self-sharpening cutting blade ensure consistant clean cut no matter the wears on blade.• Long lasting cutting effect• Lower maintenance time and cost involved
Abrasion resistant plate	<ul style="list-style-type: none">• All Anderson mixer are made out of highly abrasion resistant steel plate for long lasting and efficiency over years. Tub floor and Auger are made out of QT400 and side wall are made out of AR200.
Heavy and robust design	<ul style="list-style-type: none">• All Anderson product are design to resist any intense and continuous effort. Therefore our design are slightly beeper than others , while using less HP to ensure your satisfaction.



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Why Anderson's TMR mixer standout from others?

- Anderson's TMR Mixer can deliver ration that achieve Penn State Shaker Box.
- Anderson's nutritionist with over 30 years of experience across North America can support you to get the maximum out of your operation:
 - From the cutting in the field, through the storage and up to feeding.
- Shaker Box set delivered with every Anderson TMR Mixer