



2024 NEW RELEASES AND 2025 ANNOUNCEMENTS

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CONTENT

01 2024 BUFFALO changes

02 2024 RINO changes

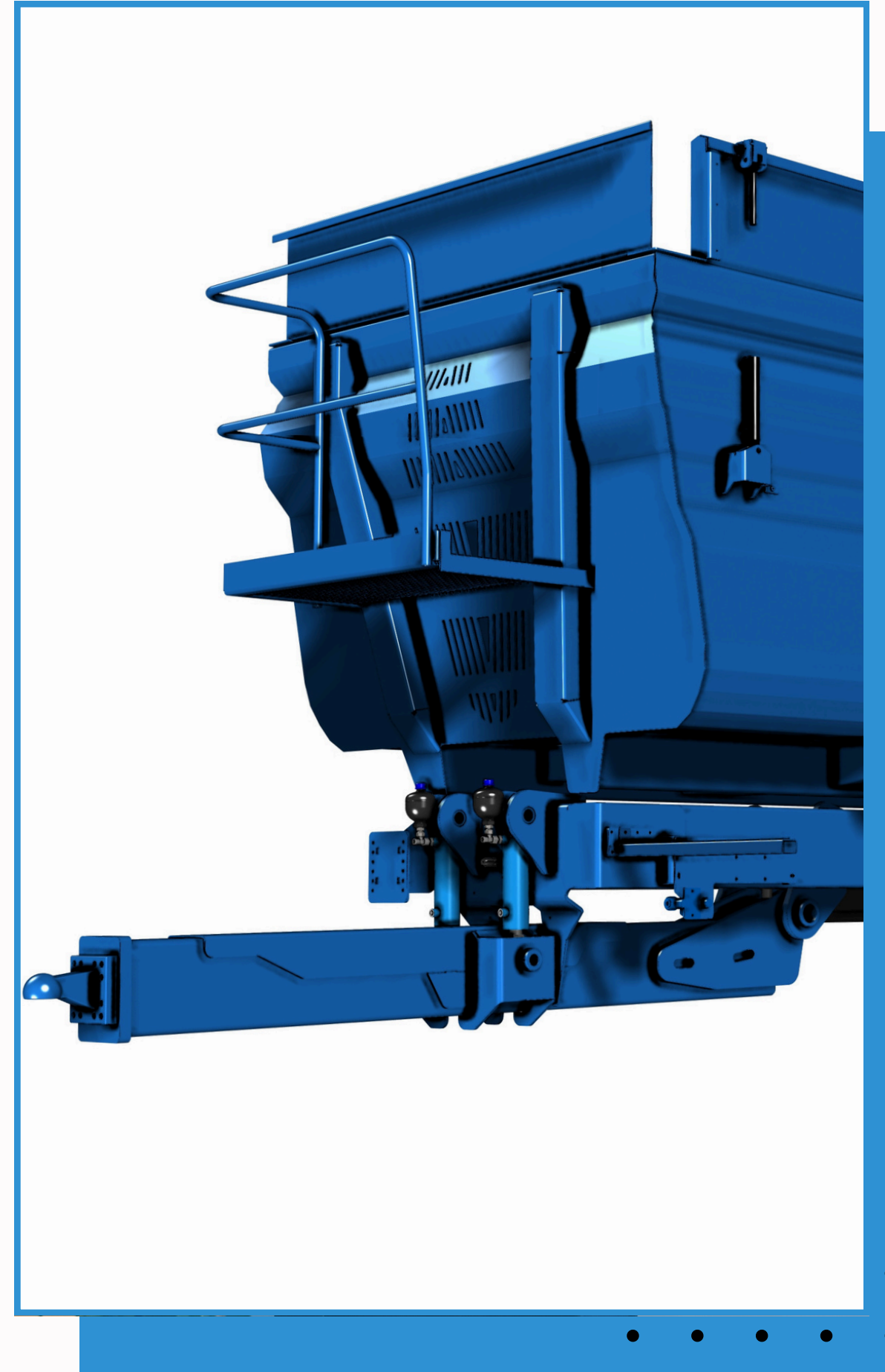
03 2024 BIRTUGAN changes

04 2024 LIZARD changes

05 BUFFALO 2025 new features

06 LIZARD 2025 new features

07 NEWS MACHINE 2025

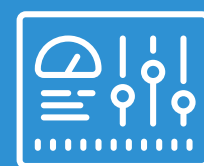


An aerial photograph of an industrial facility, likely a dairy processing plant, with a large glass-fronted building. Several blue EM trucks are parked in the foreground. The image is overlaid with a blue tint and geometric shapes. The text "THE MOST IMPORTANT CHANGES AND NEW FEATURES IN 2024" is centered in white.

THE MOST IMPORTANT CHANGES AND NEW FEATURES IN 2024

BUFFALO

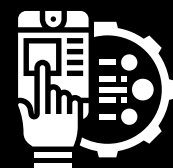
The most important
changes and new features
in 2024



Intuitive to use and
technologically advanced
TOPCON OPUS control panel

01

DPA system with weighing
system - precise fertilization



02



Horizontal adapter type 80
(available only on RXX HD+
models)

03

NEW INTUITIVE DISPLAY THAT CONTROLS MACHINE FUNCTIONS SUCH AS:

- 01 HYDRAULICS
- 02 BELT FEED SPEED
- 03 LIGHTING

TOPCON
OPUS
A3



DPA system with weighing system

01

Topcon Opus A3 control
display

02

Precision material
dosing with the help of
its own GPS and
weighing sensors



A blue garbage truck with the EM logo and 'MASZYNA RXX2480 HD+' text on its side. The truck is parked on a paved surface, and its rear compartment is open. In the background, there are other vehicles and a sign with the EM logo.

HORIZONTAL ADAPTER TYPE 80

(available only on RXX HD+
models from 24 to 40 tons)

ADVANTAGES

01

Accurate shredding and even distribution

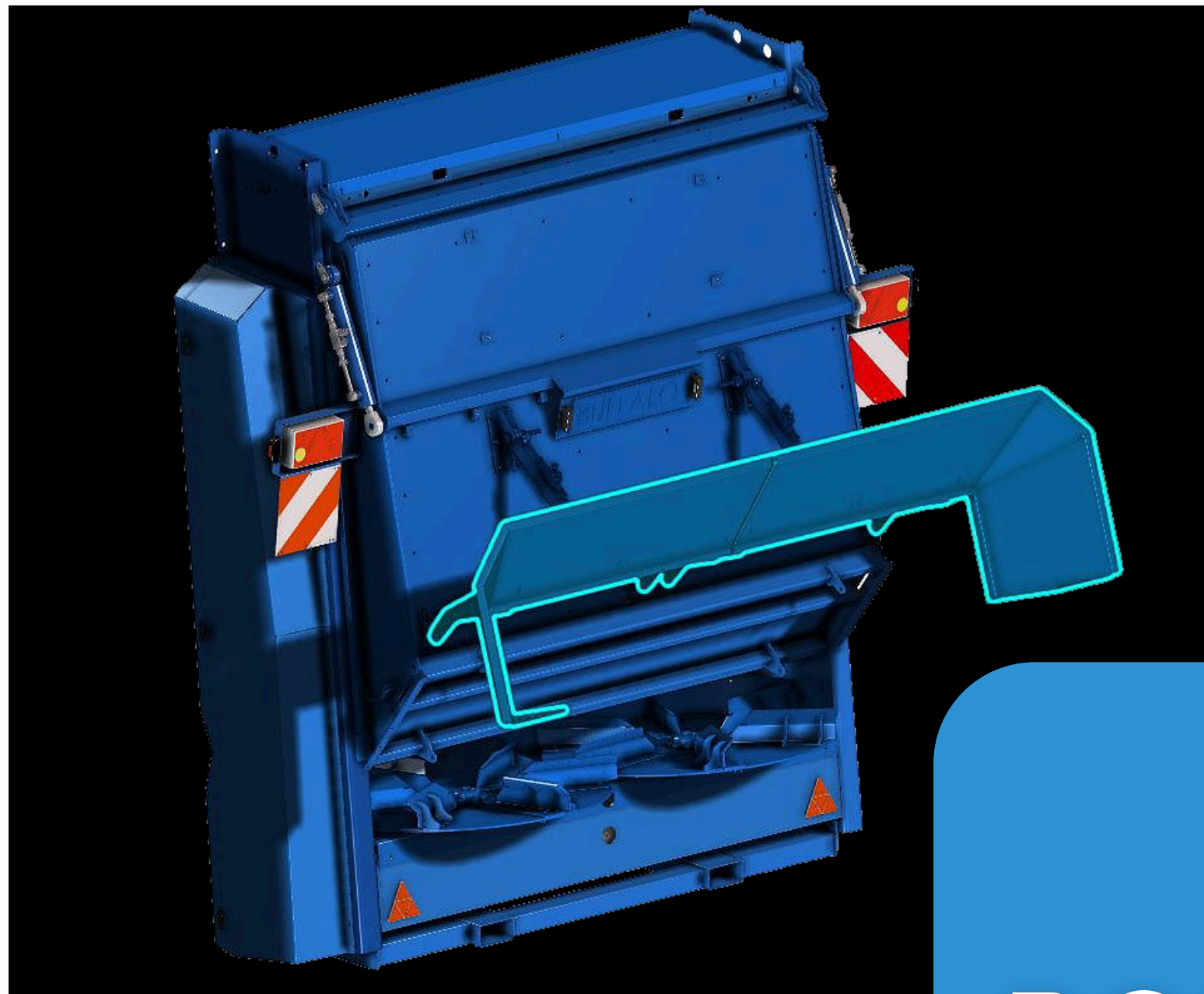
02

Wide spreading range of up to 26 meters

03

Possibility of precise fertilization with lime, peat, compost, sludge





**HYDRAULIC OPENING AND
CLOSING OF THE BOUNDARY
SPREADER ALLOWS PRECISE
DISTRIBUTION OF MATERIAL
EVEN AT THE EDGES OF THE
FIELD.**

**BOUNDARY
SPREAD**



RINO

The most important
changes and new features
in 2024



**Powershift semi-
automatic gearbox**

01

**Auger and floor made of 25
mm thick metal plates**



02

Powershift semi-automatic gearbox

01

Shift gears without stopping the PTO shaft

02

Shift gears from the tractor cab using the switch on the control panel

03

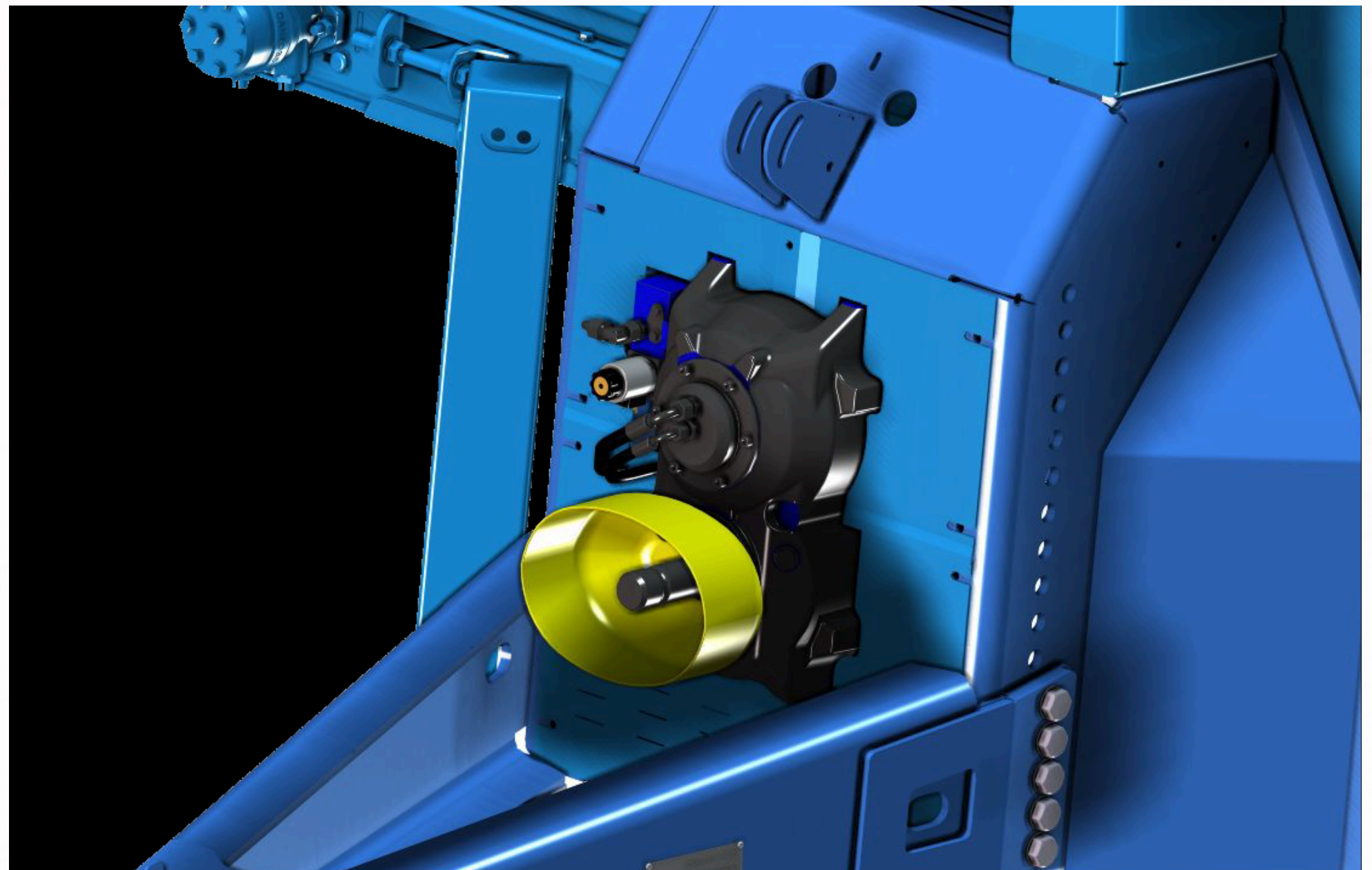
Reduced tractor clutch usage

04

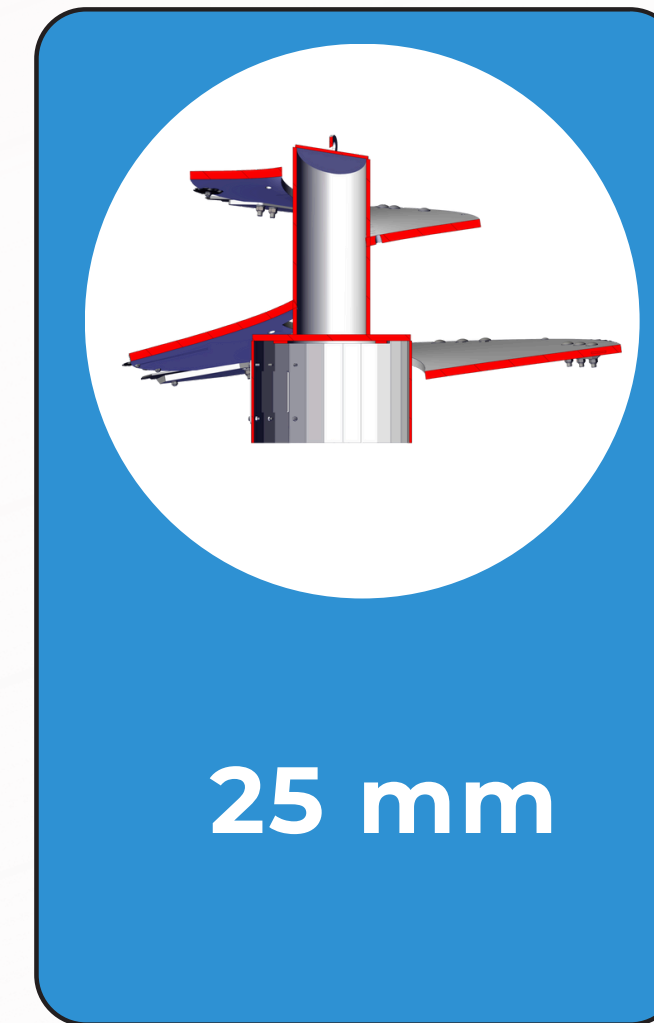
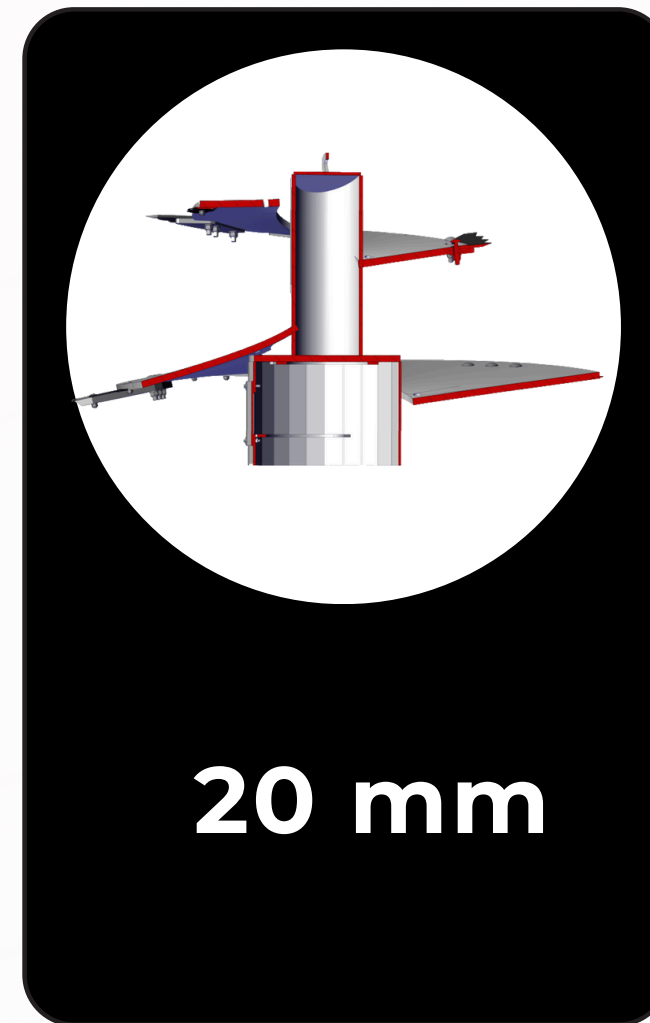
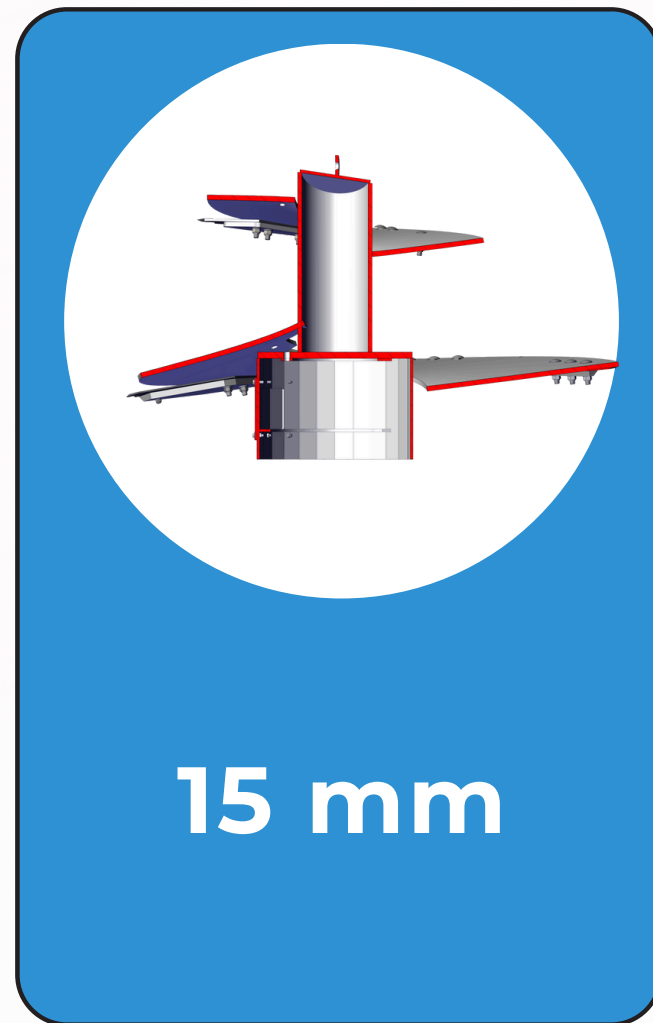
Gearbox component usage reduction

05

Quieter gearbox operation



Auger and floor made of 25 mm thick metal plates

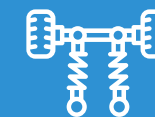


Option for the most demanding, extends the life of the machine

BIRTUGAN

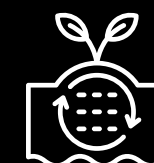
The most important
changes and new features
in 2024

Machine classification
into PX, PX HD, PX HD+
models



01

Expansion of applicator
range



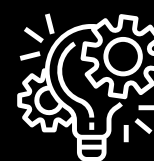
02

Slurry tank colors available
for customization



03

Precision slurry dosing system
using ISOBUS

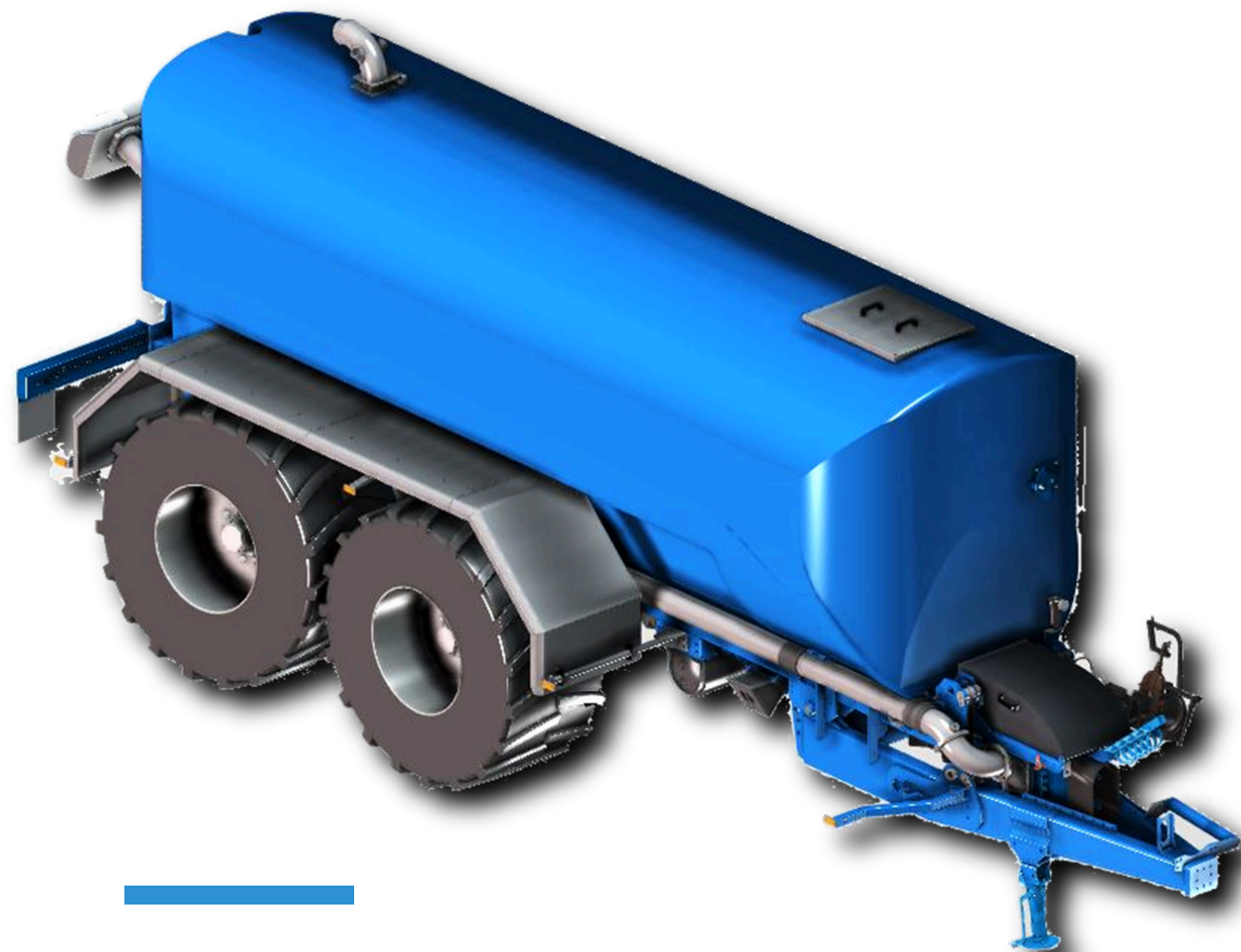


04

SIDRA hydraulic multi-link
suspension



05



BIRTUGAN MODEL PX

Capacities:

16,000
18,500
20,500 liters

MACHINE FEATURES

01

VOGELSANG lobe pump
4300 l/min

02

Armature 6"

03

Fiberglass tank with 4 breakwaters

04

Manual, electronic controller

05

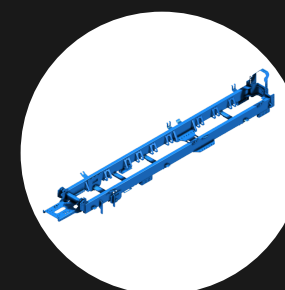
BOOGIE sprung suspension
self steering rear axle

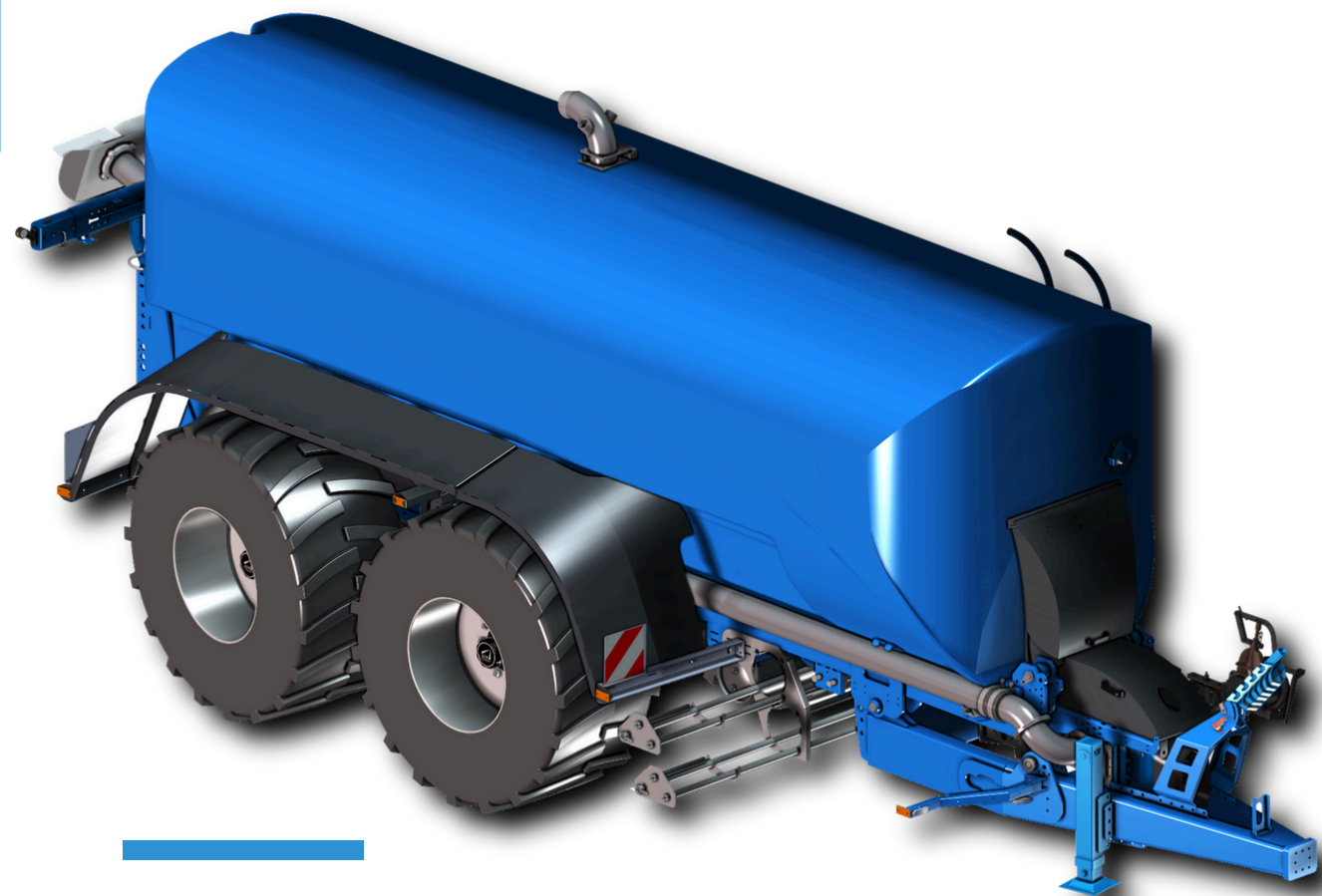
06

Frame 300 x 100 x 8 cm

07

Limited amount of optional equipment





BIRTUGAN

MODEL PX HD

Capacities:

16,000

18,500

20,500

22,500 liters

MACHINE FEATURES

01

VOGELSANG lobe pump
4300 l/min

02

Armature 6"

03

Fiberglass tank with 4 breakwaters

04

TOPCON OPUS A3 controler

05

BOOGIE sprung suspension
self steering rear axle

06

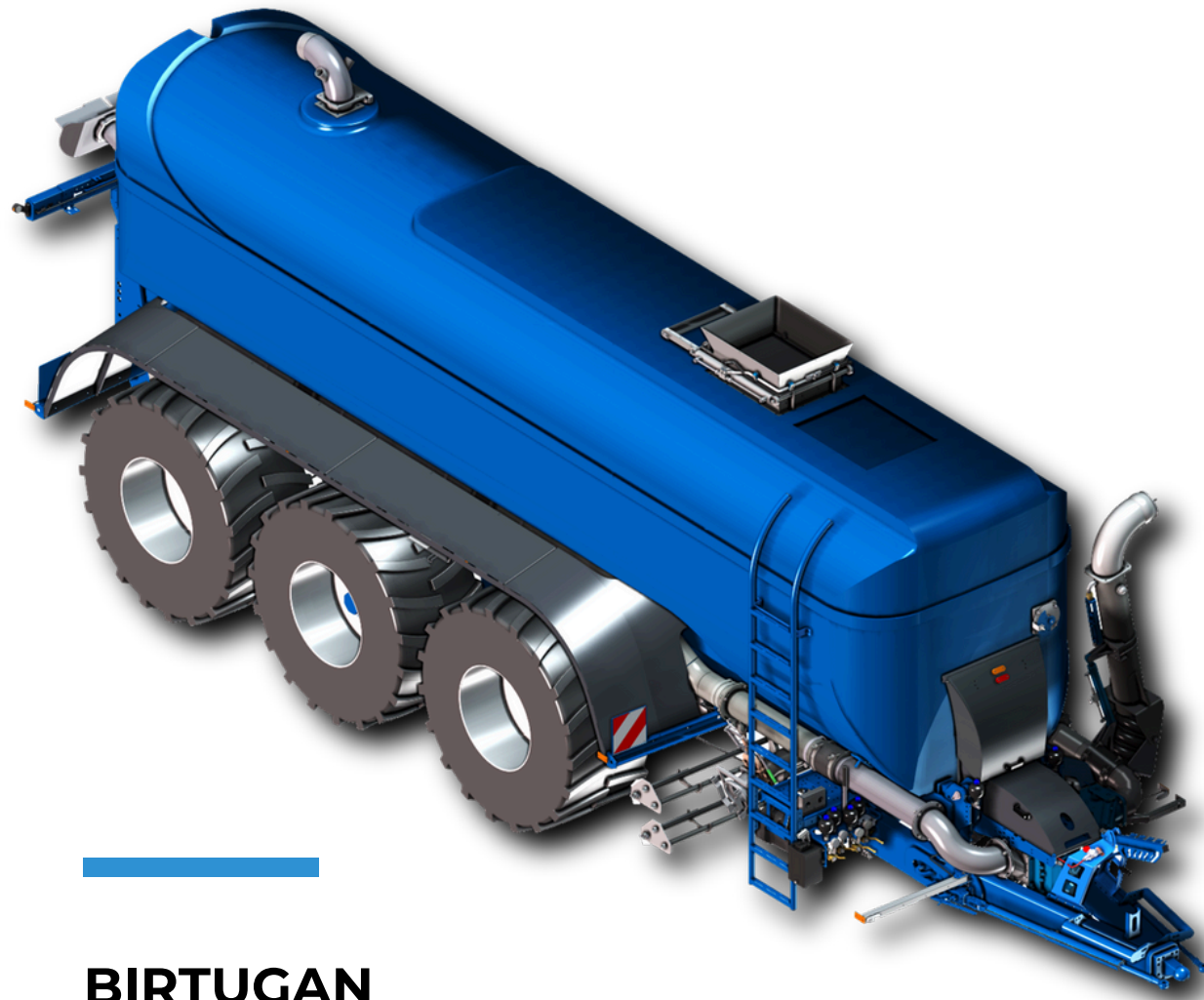
Frame 300 x 100 x 10 cm

07

Large amount of optional equipment



MACHINE FEATURES



BIRTUGAN

MODEL PX HD +

Capacities:
27,000
30,000 liters

01

VOGELSANG lobe pump
6000 l/min

02

Armature 8"

03

Fiberglass tank with 5 breakwaters

04

TOPCON OPUS A3 controler

05

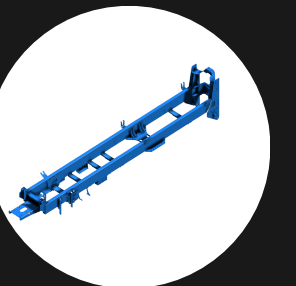
TRIDEM pneumatic type suspension,
Self steering front and rear axle

06

Frame 300 x 100 x 10 cm

07

Large amount of optional equipment



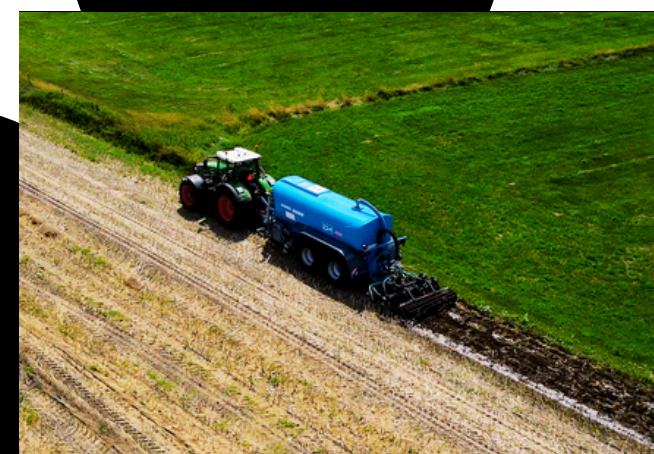
EXPANSION OF APPLICATOR RANGE

WE ASSEMBLE APPLICATORS MAINLY FROM ESTABLISHED MANUFACTURERS

01 VOGELSANG

02 BOMECH

03 VOLMER



INDIVIDUAL COLOURS

Possibility of any RAL color of
the tank and selected color of
the rims



Precision slurry dosing system - ISOBUS

01

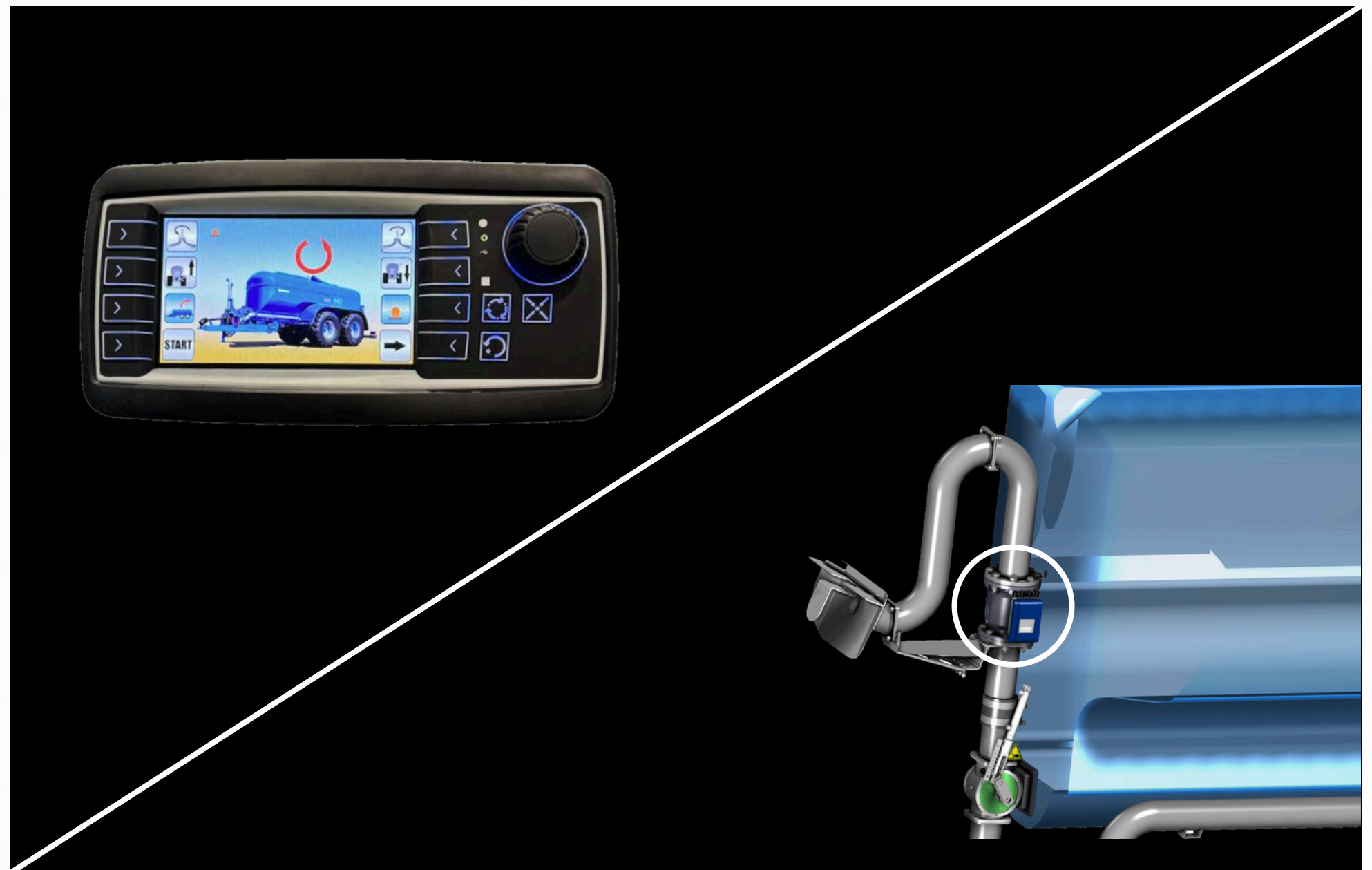
Precise dosing of slurry cooperating with the flow meter

02

Possibility of ordering the system with or without a 10-inch LCD panel

03

ISOBUS basic license





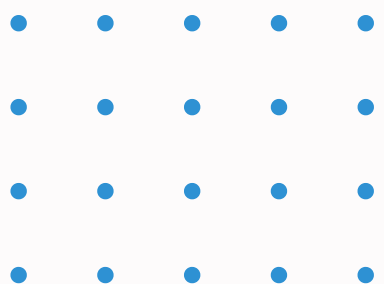
CLICK TO WATCH VIDEO

**SUSPENSION DEDICATED TO
DIFFICULT FIELD
CONDITIONS.**

**HELPS REDUCE BODY ROLL,
IMPROVES DRIVING
STABILITY.**

SIDRA

HYDRAULIC MULTI-LINK SUSPENSION



LIZARD

The most important
changes and new features
in 2024



intuitive EM FARM
mobile app for IOS and
Android

01

Larger magnets area used on
the auger



02



Lifting the front part of the
robot

03

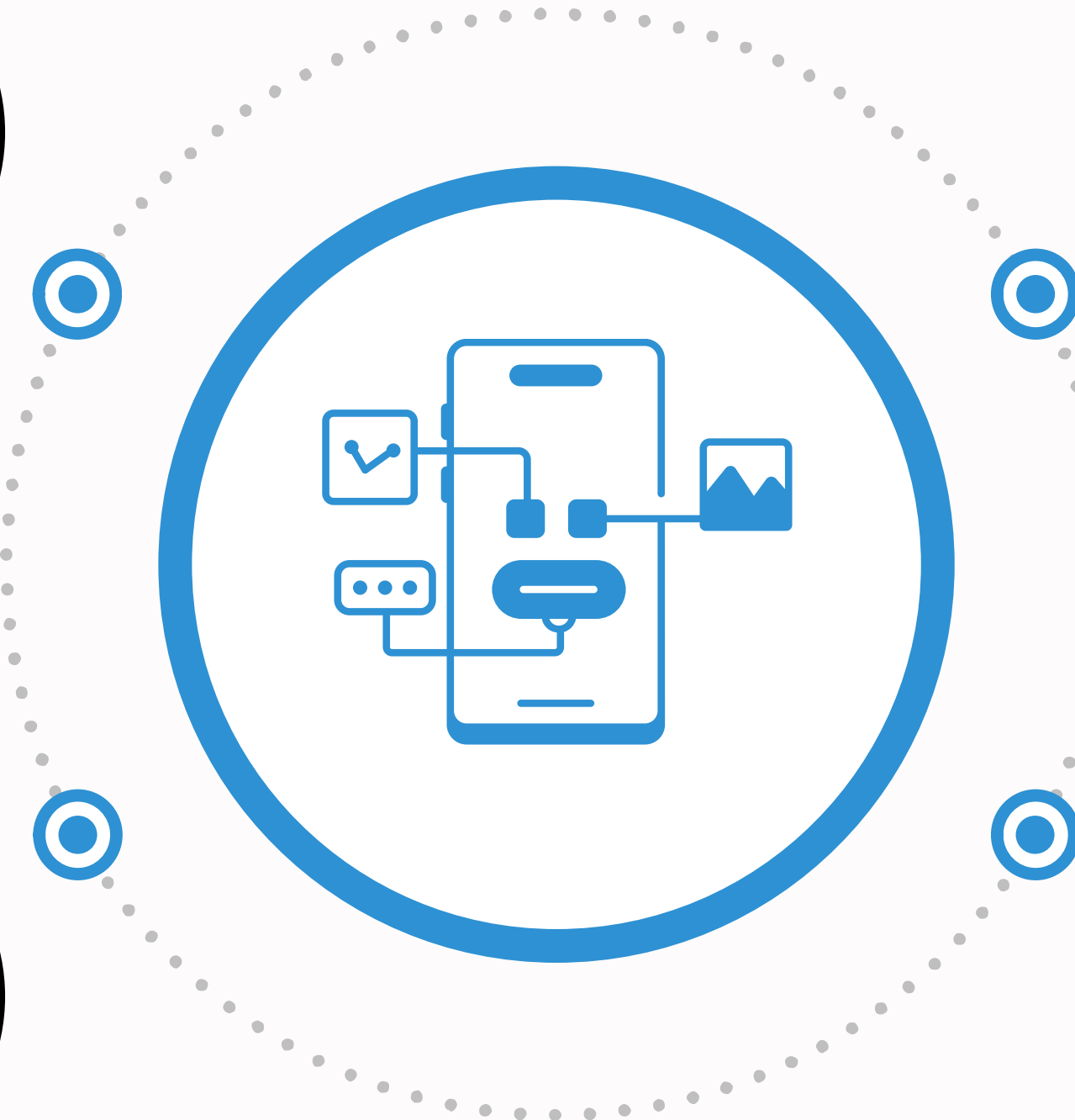
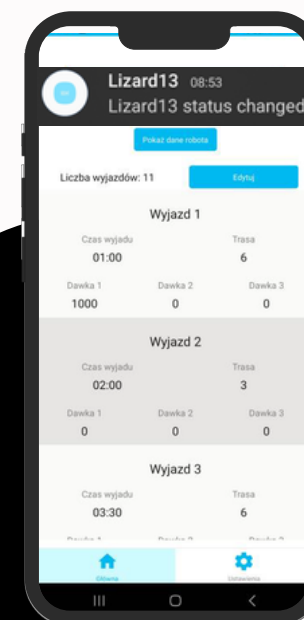
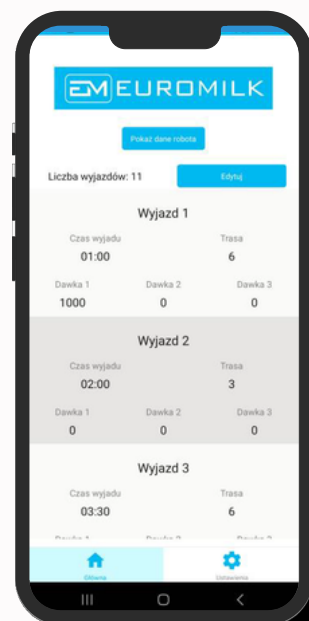
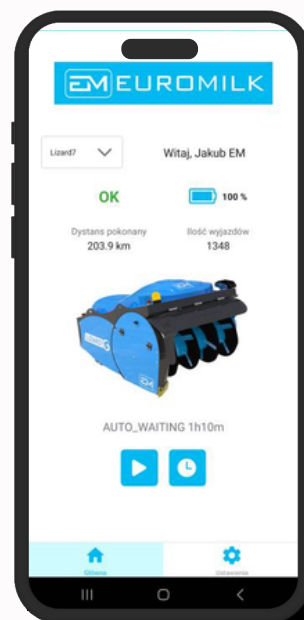
Intuitive EM FARM mobile app

SET WORK SCHEDULE

Editing the robot's
work schedule

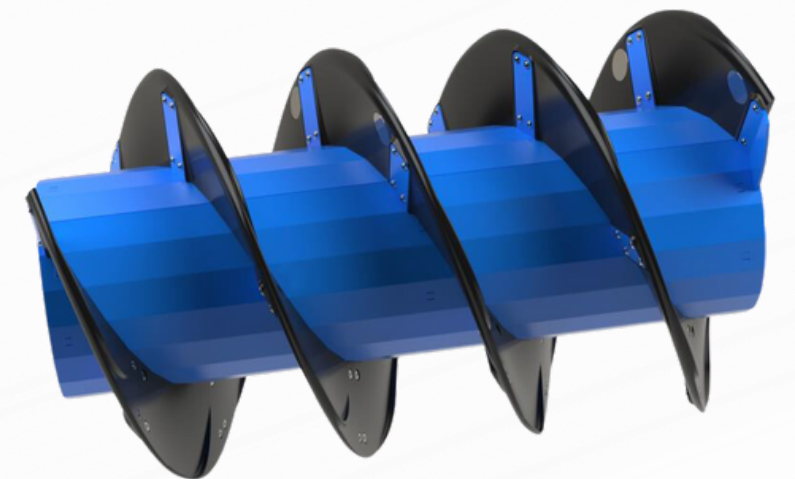
ROBOT STATUS

View the current status
of the robot.



COW SAFETY AND HEALTH

Optional 10 magnets with diameter of 50 mm to
guaranteeing higher pulling power



LIFTING THE FRONT MODULE OF THE ROBOT

It allows you to raise
the front of the robot,
thanks to which the
robot will be
able to overcome
larger terrain slopes
and unevenness up to
12°



[CLICK TO WATCH VIDEO](#)

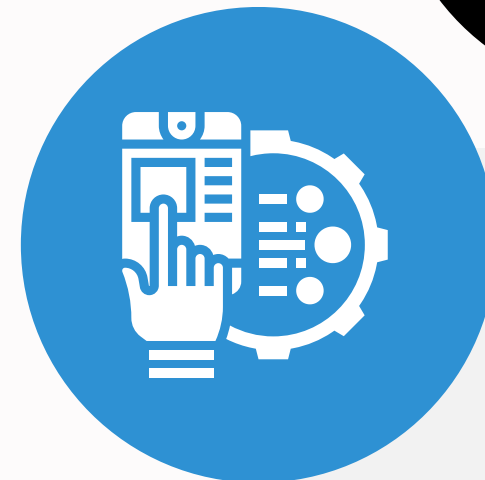




**NEW FEATURES
ANNOUNCED IN 2025**



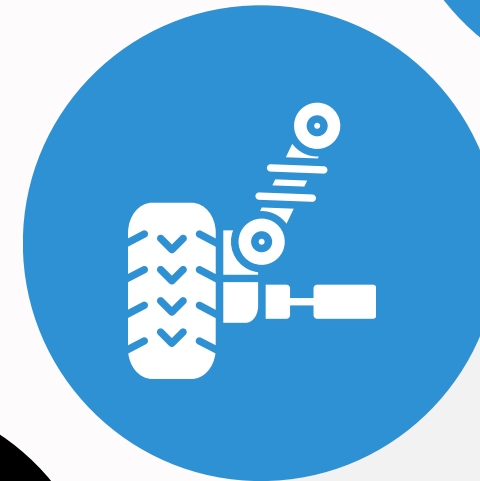
BUFFALO



Precision dosing
system - ISOBUS



Horizontal adapter
for RX HD models
(16 and 18 tons)



SIDRA suspension
for RXX HD+
model spreaders



Precise dosing
system without
weight sensors



LIZARD

ADDITIONAL FEATURES TO IMPROVE SAFETY AROUND THE ROBOT



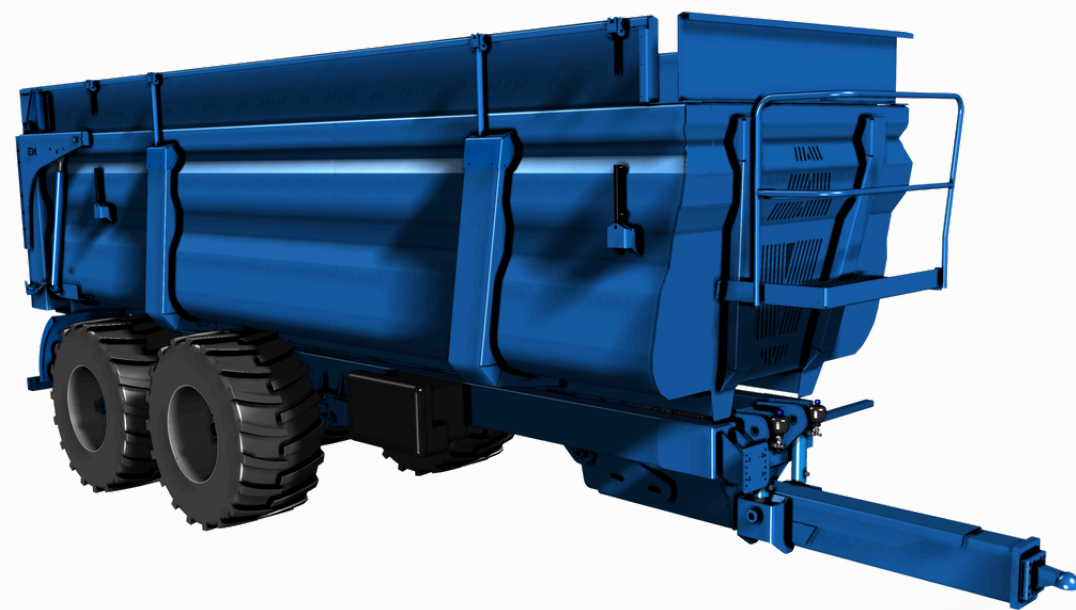
**laser
scanners**



**Ultrasonic
sensor**

NEW MACHINE 2025

WX WISENT



SHELL TRAILER FROM 14 TO 34 TONS
LAUNCH JANUARY 2025

QUBE



AUTOMATED FEEDING ROBOT
LAUNCH FEBRUARY 2025

[CLICK TO WATCH VIDEO](#)



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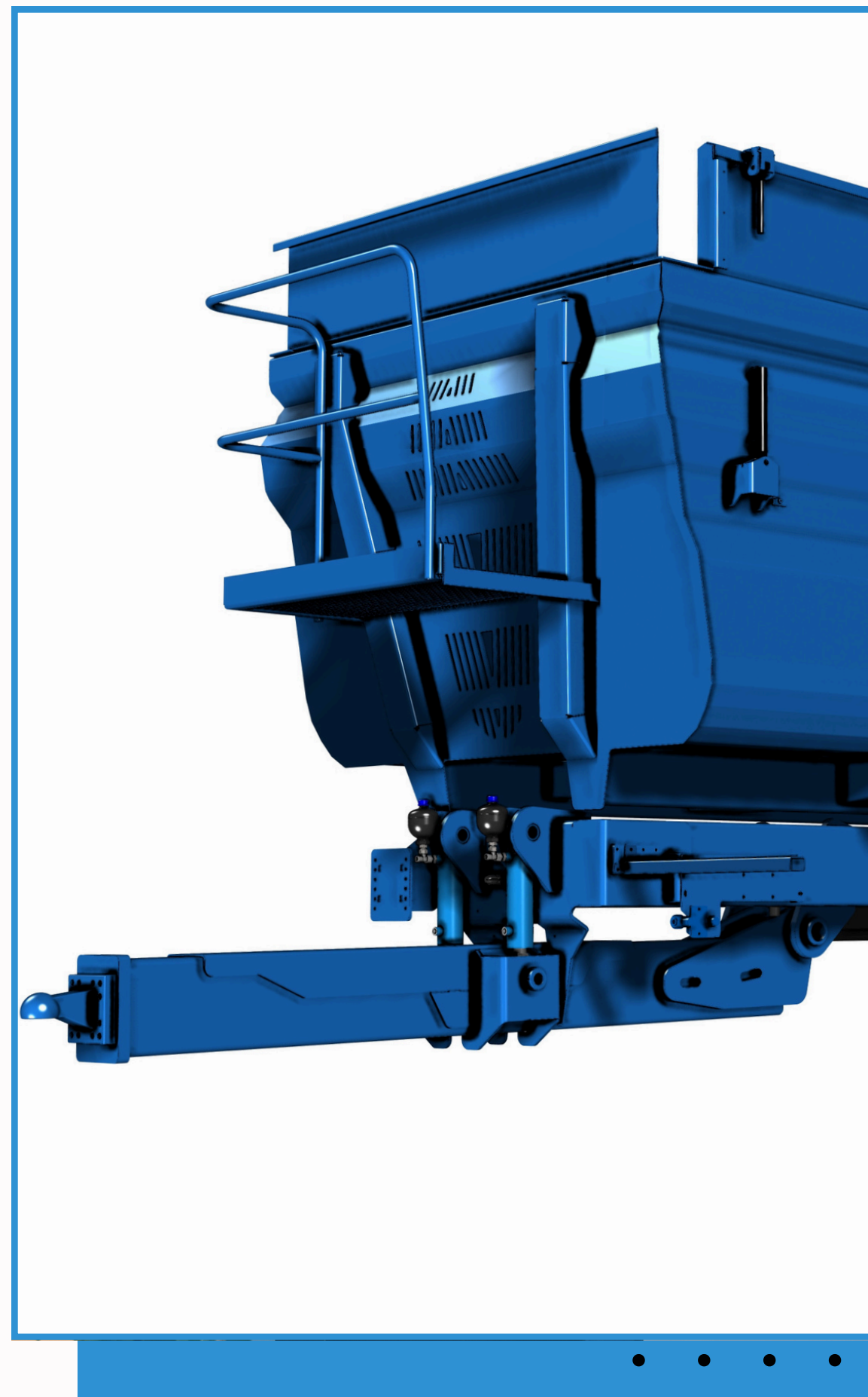
NOVEDADES 2024 Y ANUNCIOS 2025

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CONTENIDO

- 01** 2024 BUFFALO cambios
- 02** 2024 RINO cambios
- 03** 2024 BIRTUGAN cambios
- 04** 2024 LIZARD cambios
- 05** BUFFALO 2025 novedades
- 06** LIZARD 2025 novedades
- 07** NOTICIAS MÁQUINA 2025

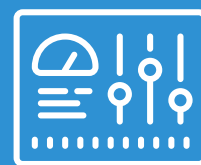




LOS CAMBIOS Y NOVEDADES MÁS IMPORTANTES DE 2024

BUFFALO

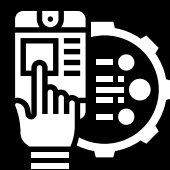
Los cambios y novedades más importantes de 2024



Panel de control TOPCON
OPUS A3 intuitivo y
tecnológicamente avanzado

01

Sistema DPA con sistema de
pesaje - fertilización precisa



02



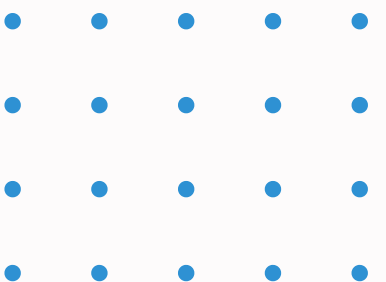
Esparcidor horizontal tipo 80
(disponible sólo en los
modelos RXX HD+ modelos de
24 a 40 toneladas)

03

NUEVA PANTALLA INTUITIVA QUE CONTROLA FUNCIONES DE LA MÁQUINA COMO:

- 01 HIDRÁULICA
- 02 VELOCIDAD DE AVANCE DE LA CINTA
- 03 ILUMINACIÓN

**TOPCON
OPUS
A3**



Sistema DPA con sistema de pesaje

01

Pantalla de control
Topcon Opus A3

02

Dosificación precisa del
material con ayuda de
GPS y sensores de
pesaje propios



A blue horizontal spreader truck is parked on a paved lot. The truck has a large hopper and a spreading mechanism. The background shows a parking lot with several cars and a sign for 'EM EUROPA' and 'GAMA Group'. The image is overlaid with a blue semi-transparent filter and decorative blue geometric shapes on the left and right sides.

ESPARCIDOR HORIZONTAL TIPO 80

(disponible sólo en los
modelos RXX HD+ de 24 a 40
toneladas)

VENTAJAS

01

Trituración precisa y
distribución uniforme

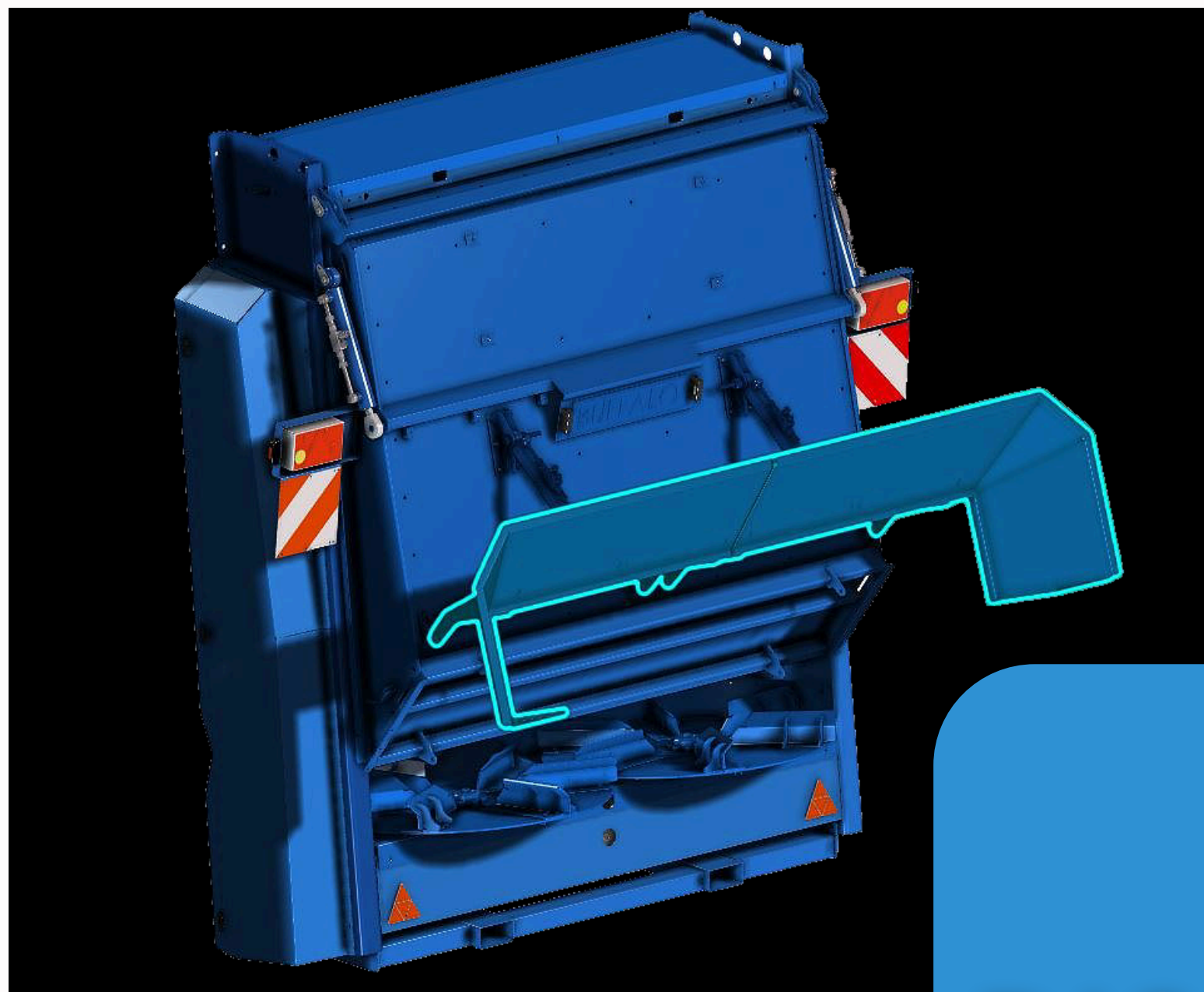
02

Amplio alcance de hasta 26
metros

03

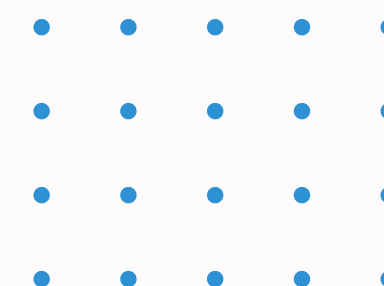
Posibilidad de fertilización
precisa con cal, turba,
compost, lodos





**LA APERTURA Y EL CIERRE
HIDRÁULICOS DEL
ESPARCIDOR EN EL LÍMITE
PERMITEN UNA
DISTRIBUCIÓN PRECISA DEL
MATERIAL INCLUSO EN LOS
BORDES DEL CAMPO.**

**DISPERSIÓN
EN LOS
BORDES**



RINO

Los cambios y novedades
más importantes de 2024



Caja de cambios
semiautomática
Powershift

01

Sinfín y suelo de chapa de 25
mm de espesor



02

Caja de cambios semiautomática Powershift

01

Cambiar de marcha sin parar la toma de fuerza

02

Cambio de marcha desde la cabina del tractor utilizando el interruptor del panel de control.

03

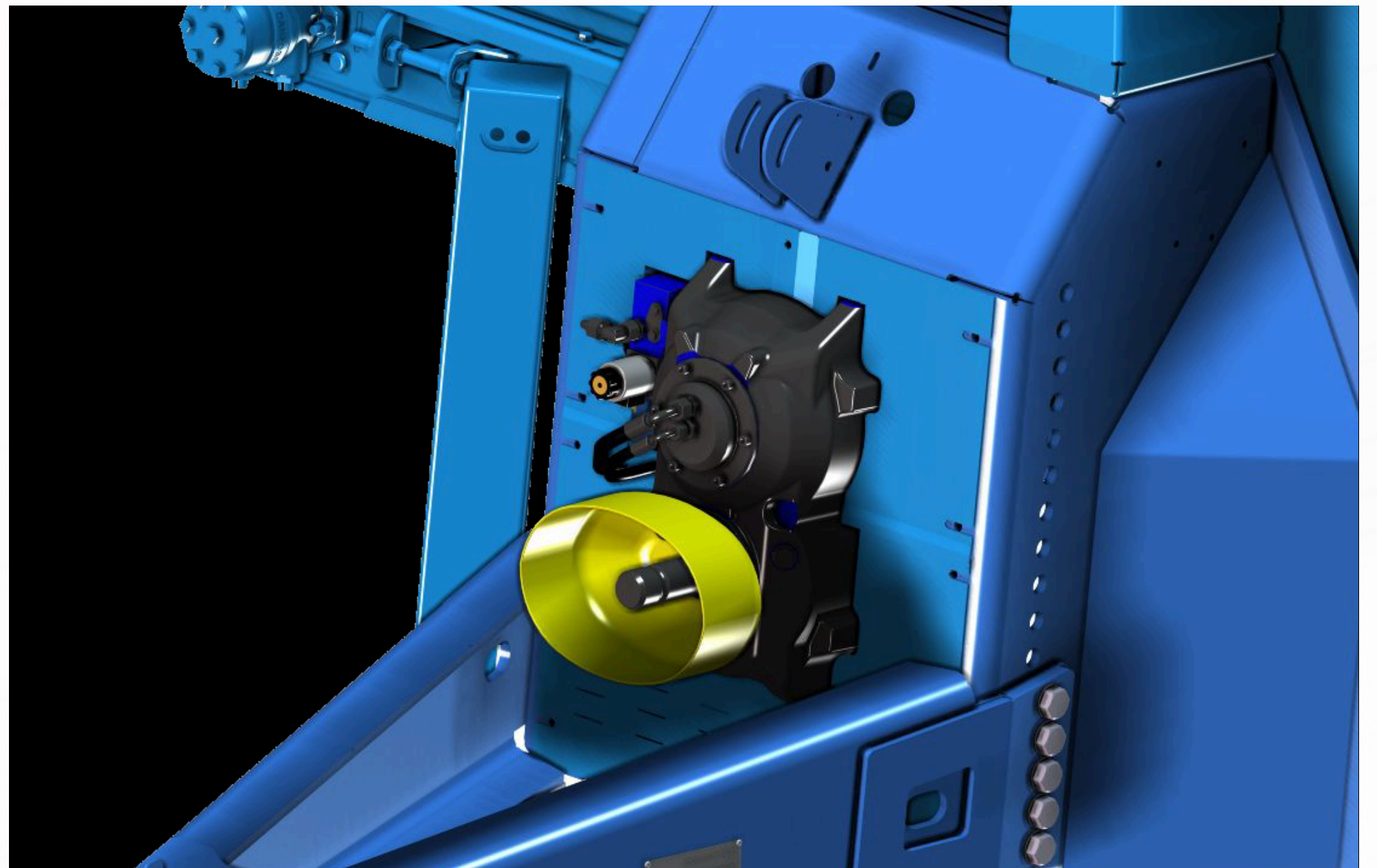
Reducción del uso del embrague del tractor

04

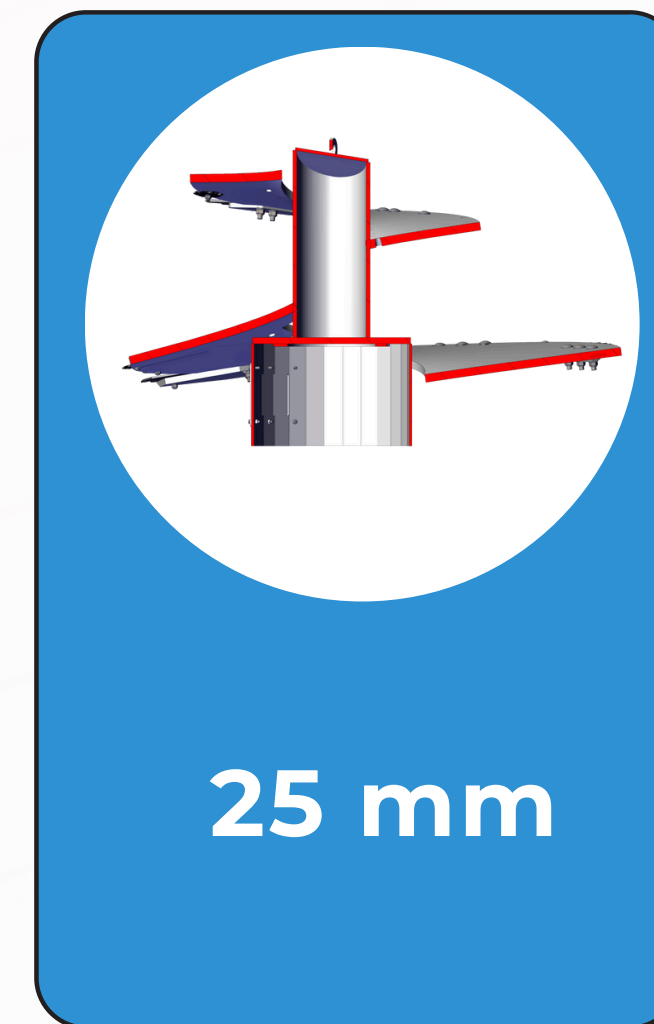
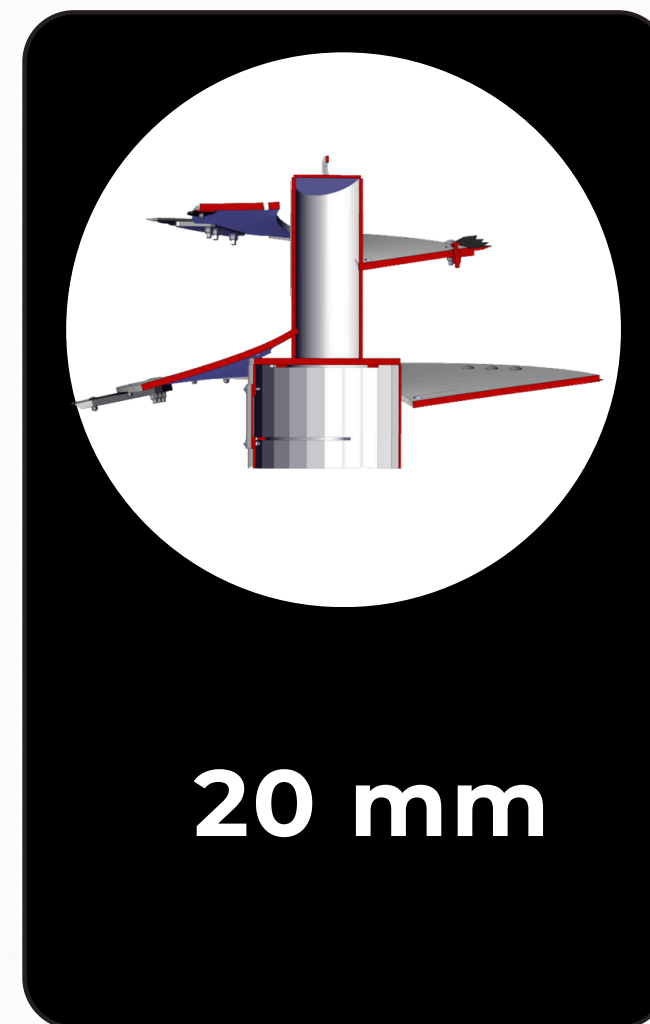
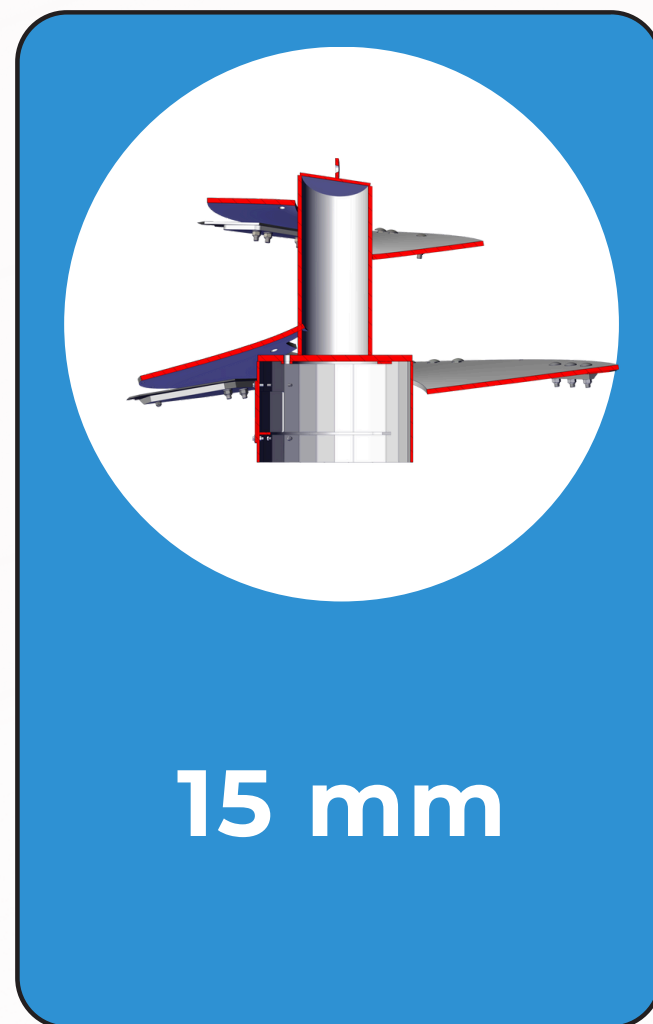
Reducción del uso de componentes de la caja de cambios

05

Funcionamiento más silencioso de la caja de cambios



Sinfín y suelo de chapa de 25 mm de espesor

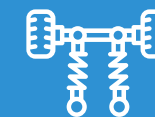


Opción para los más exigentes, alarga la vida de la máquina

BIRTUGAN

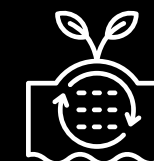
Los cambios y novedades
más importantes de 2024

Clasificación de las
máquinas en modelos
PX, PX HD, PX HD+.



01

Ampliación de la gama de
aplicadores



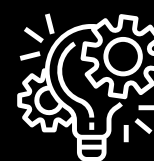
02

Posibilidad de personalizar
los colores del depósito de
estiércol



03

Sistema de dosificación de
purines de precisión mediante
ISOBUS

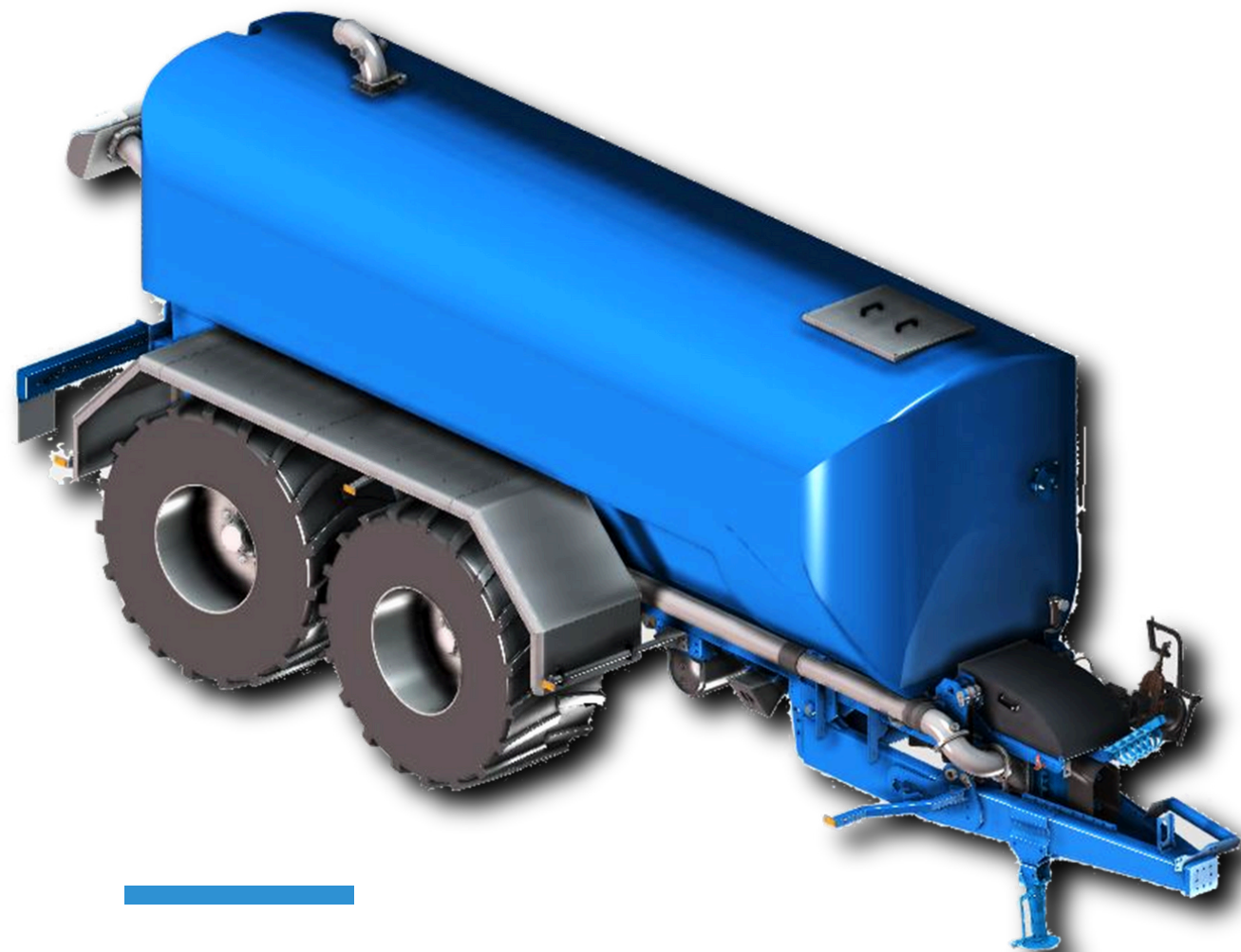


04

Suspensión hidráulica
multibrazo SIDRA



05



BIRTUGAN

MODELO PX

Capacidades:

16,000

18,500

20.500 litros

CARACTERÍSTICAS DE LA MÁQUINA

01

Bomba lobular VOGELSANG
4300 l/min

02

Tuberías 150 mm

03

Tanque de fibra de vidrio con 4 rompeolas

04

Manual, controlador electrónico

05

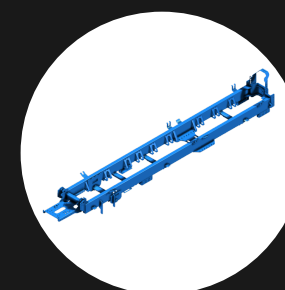
Eje trasero autodireccionable con
suspensión BOOGIE

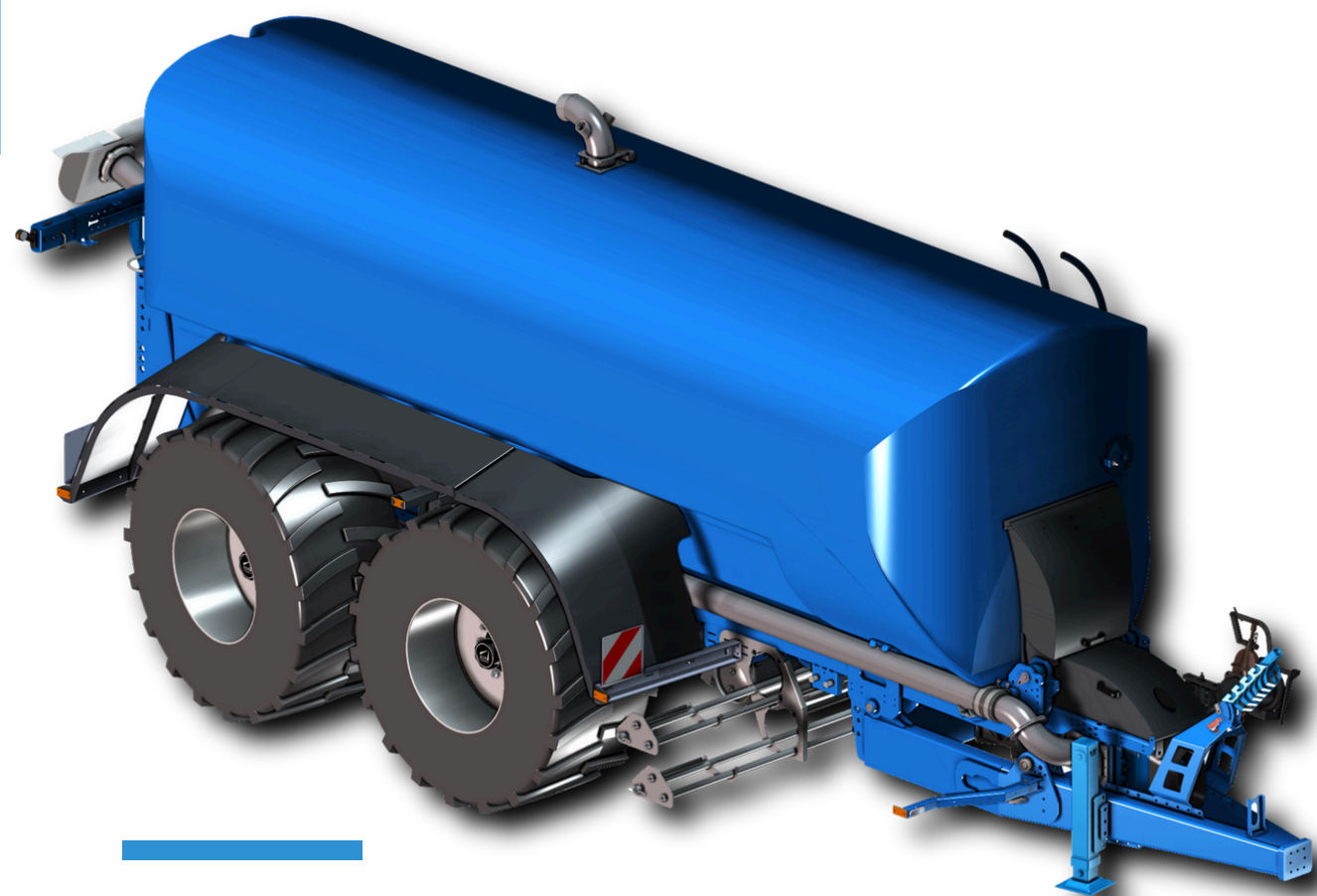
06

Bastidor 300 x 100 x 8 cm

07

Equipamiento opcional limitado





BIRTUGAN

MODELO PX HD

Capacidades:

16,000

18,500

20,500

22.500 litros

CARACTERÍSTICAS DE LA MÁQUINA

01

Bomba lobular VOGELSANG
4300 l/min

02

Tuberías 150 mm

03

Tanque de fibra de vidrio con 4 rompeolas

04

Controlador TOPCON OPUS A3

05

Eje trasero autodireccionable con suspensión
BOOGIE

06

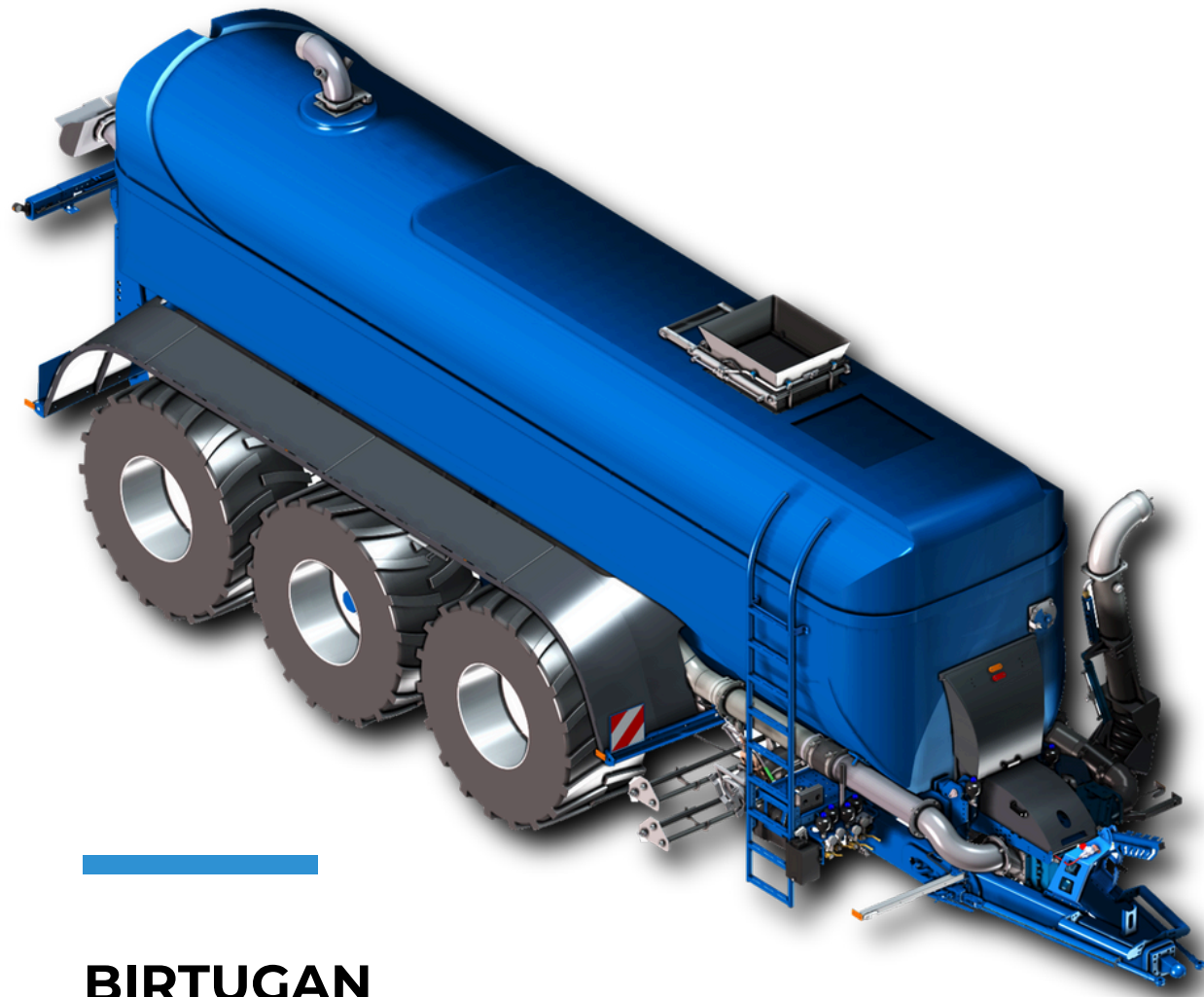
Bastidor 300 x 100 x 10 cm

07

Gran cantidad de equipamiento opcional



CARACTERÍSTICAS DE LA MÁQUINA



BIRTUGAN

MODELO PX HD +

Capacidades:
27,000
30.000 litros

01

Bomba lobular VOGELSANG
6000 l/min

02

Tuberías 150 mm

03

Tanque de fibra de vidrio con 5 rompeolas

04

Controlador TOPCON OPUS A3

05

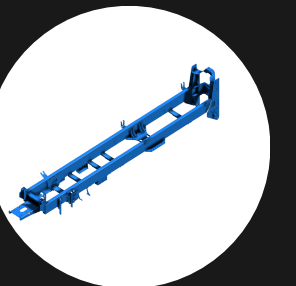
Suspensión de tipo neumático TRIDEM, eje delantero y trasero autodireccionables

06

Bastidor 300 x 100 x 10 cm

07

Gran cantidad de equipamiento opcional



AMPLIACIÓN DE LA GAMA DE APLICADORES

MONTAMOS APLICADORES PRINCIPALMENTE DE FABRICANTES RECONOCIDOS

01 VOGELSANG

02 BOMECH

03 VOLMER



INDIVIDUAL COLORES

Posibilidad de cualquier color
RAL del depósito y color
seleccionado de las llantas



Sistema de dosificación de purines de precisión - ISOBUS

01

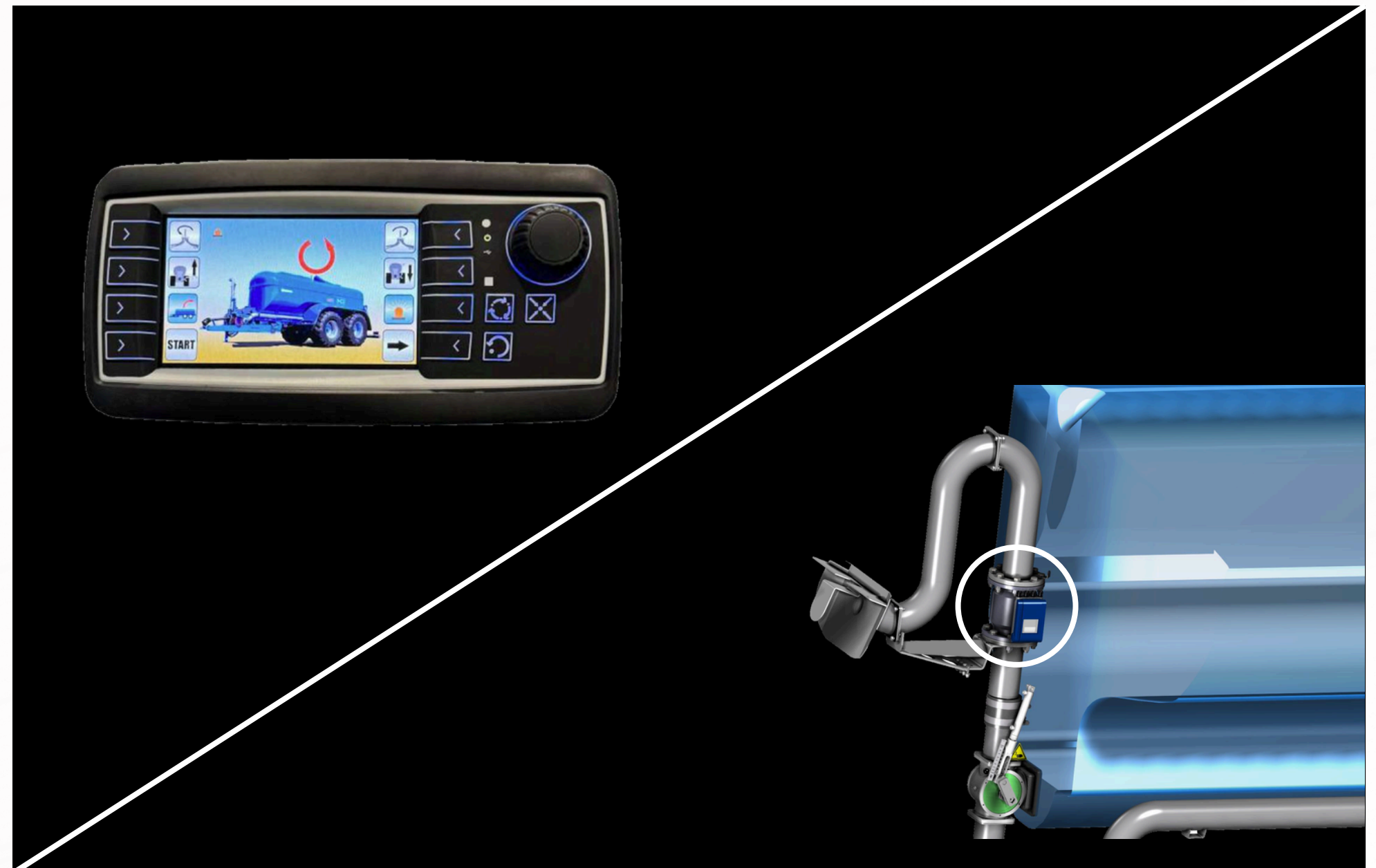
Dosificación precisa de los purines a través del caudalímetro

02

Posibilidad de pedir el sistema con o sin pantalla LCD de 10 pulgadas

03

Licencia básica ISOBUS





PULSE PARA VER EL VÍDEO

**SUSPENSIÓN DEDICADA A
CONDICIONES DE CAMPO
DIFÍCILES.**

**AYUDA A REDUCIR EL BALANCEO
DE LA CARROCERÍA Y MEJORA LA
ESTABILIDAD DE CONDUCCIÓN.**

SIDRA

SUSPENSIÓN

MULTIBRAZO HIDRÁULICO



LIZARD

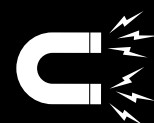
Los cambios y novedades
más importantes de 2024



Aplicación móvil
intuitiva EM FARM para
IOS y Android

01

Mayor superficie imantada
utilizada en el sinfín



02



Elevación de la parte
delantera del robot

03

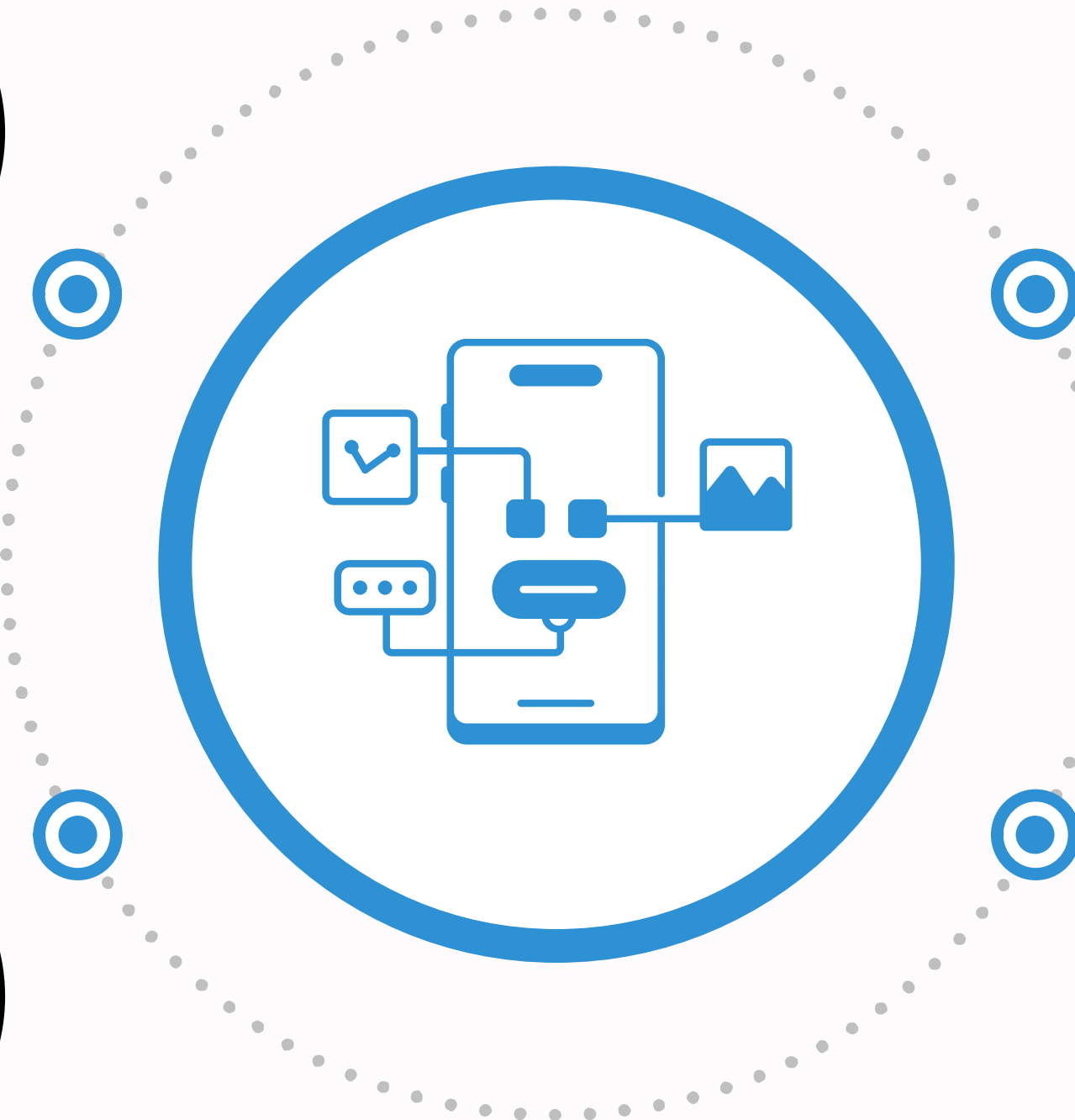
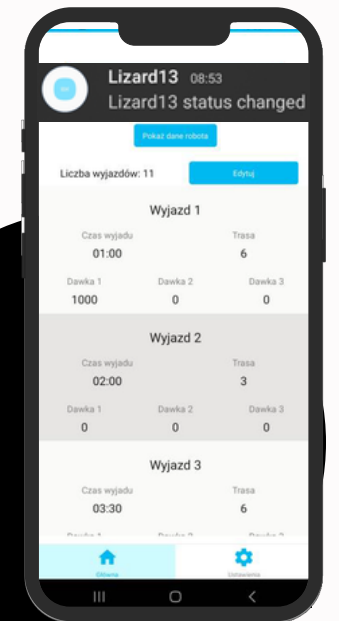
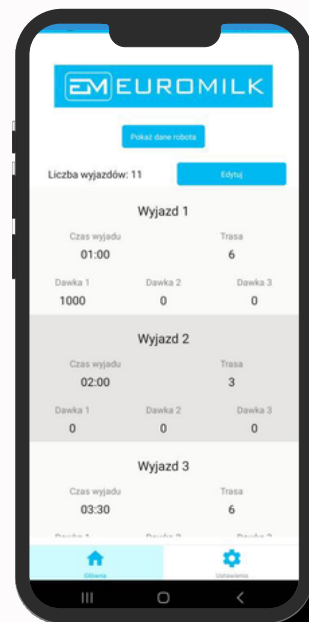
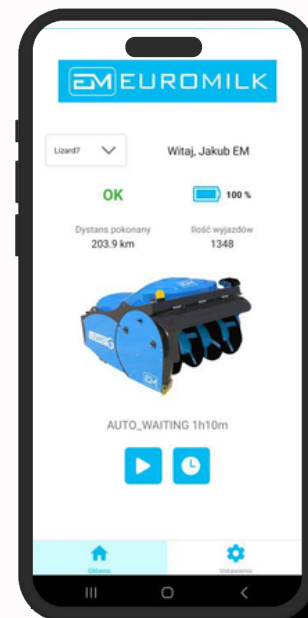
Aplicación móvil Intuitive EM FARM

ESTABLECER EL CALENDARIO LABORAL

Editar el plan de
trabajo del robot

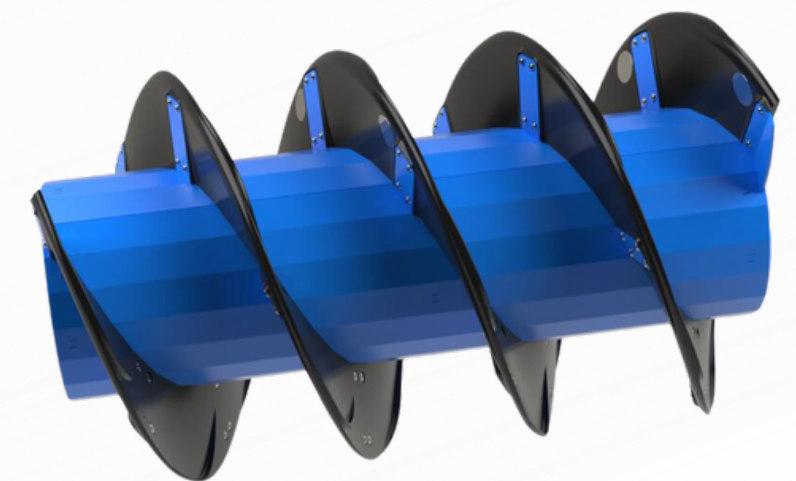
ESTADO DEL ROBOT

Ver el estado actual
del robot.



SEGURIDAD Y SALUD DE LAS VACAS

Opción de 10 imanes de 50 mm de diámetro para
garantizar una mayor fuerza de tracción



ELEVACIÓN DEL MÓDULO FRONTAL DEL ROBOT

Permite elevar la parte delantera del robot, gracias a lo cual éste será capaz de superar mayores pendientes y desniveles del terreno de hasta 12°.



[PULSE PARA VER EL VÍDEO](#)





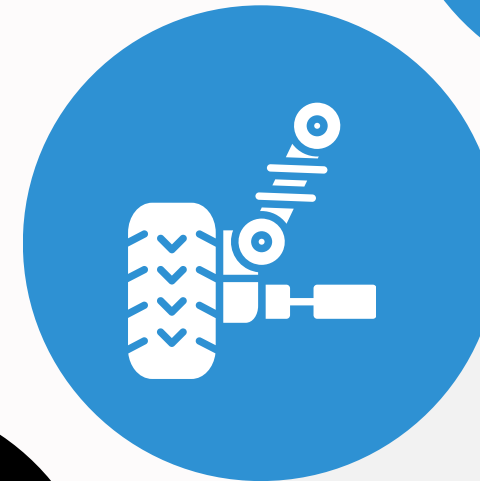
NUEVAS FUNCIONES ANUNCIADAS PARA 2025



BUFFALO



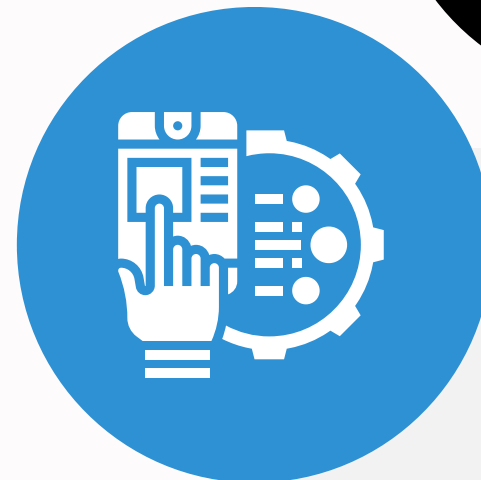
**Sistema de
dosificación preciso
sin sensores de peso**



**Suspensión SIDRA
para esparcidores
modelo RXX HD**



**Esparcidor horizontal
para modelos RX HD
(16 y 18 toneladas)**



**Sistema de
dosificación de
precisión - ISOBUS**



LIZARD

FUNCIONES ADICIONALES PARA MEJORAR LA SEGURIDAD EN TORNO AL ROBOT



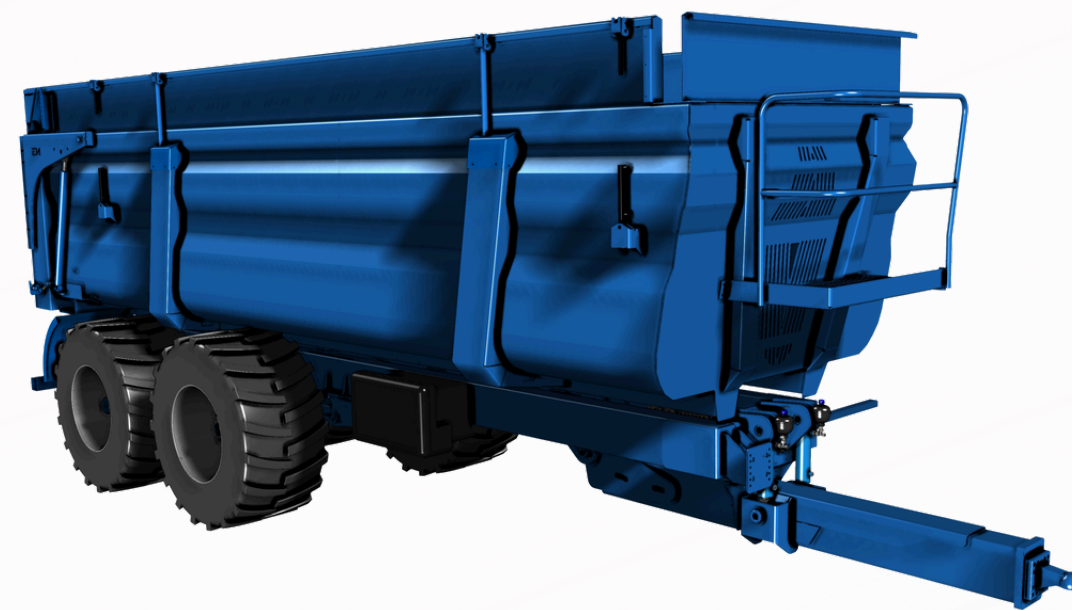
**Escáneres
láser**



**Sensor
ultrasónico**

NUEVAS MÁQUINAS 2025

WX WISENT



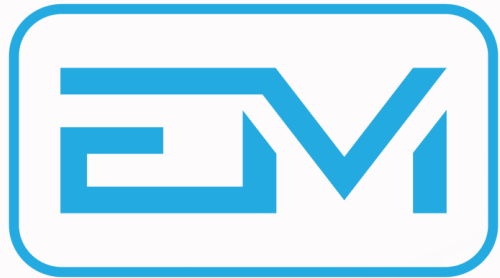
REMOLQUE DE 14 A 34 TONELADAS
LANZAMIENTO ENERO DE 2025

QUBE



ROBOT DE ALIMENTACIÓN AUTOMATIZADO
LANZAMIENTO FEBRERO 2025

[PULSE PARA VER EL VÍDEO](#)



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