

AUTOMATED PICKING SYSTEM



See how it works?
Scan the QR-code



RELOX ROBOT PICKER

Smarter Range Management

Minimize manual labor while giving your team more time to focus on what matters. With **cutting-edge GPS** technology and **advanced proximity sensors**, the **Robot Picker** efficiently and **safely collects golf balls** around the clock, navigating the range with **precision** and care.



Seamless Operation & Support

Equipped with **real-time updates**, the Robot Picker stays **current** and performs **optimally** at all times. Plus, our **dedicated support team** can access the robot **remotely** if any assistance is needed, ensuring **seamless operation** and **uninterrupted service**. Say goodbye to **manual collection** and hello to a **smarter, more efficient range!**

600 BALLS

01.

Around 600 balls per drop, 20.000 + per day

GPS

02.

GPS with 2 cm accuracy

NO WIRE

03.

No perimeter wire around the range

FULLY AUTOMATIC

04.

Fully automatic electric unit, auto recharge if empty

NO MANUAL LABOR

05.

No more manual labor

CLOUD CONTROL

06.

Cloud Control application for 24/7 connection

NEXT LEVEL BALL MANAGEMENT



The drop pit is **placed in the field**, allowing the (robot) harvester to unload without having to drive back to the building, making the process **highly efficient!**



DROP-PIT

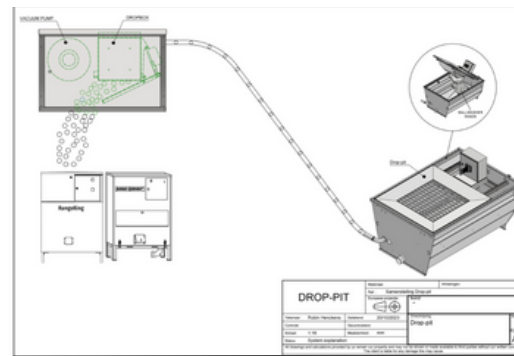
Setting the **standard for efficiency** and **revolutionizing** your **ball management** with **Drop-pit**. This **unique piece of engineering** is installed away from your building right at the **hotspot** of where most balls land. The **integrated ball washer** will assure the balls are **clean and ready** for further **transportation** towards your **ball storage**.

Choose your version

We offer two distinct versions to cater to your specific requirements:

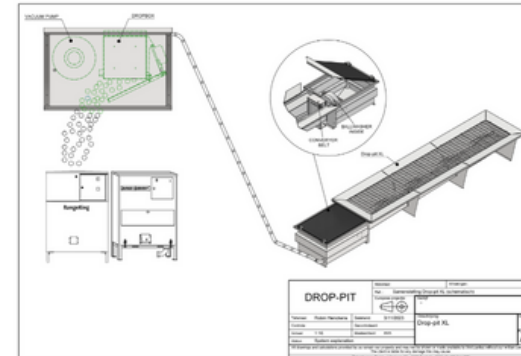
DROP-PIT

Designed for robot use.



DROP-PIT XL

Compatible with pickers and robots.



DROP-PIT

INTEGRATED BALL WASHER

01.

The integrated ball washer ensures that golf balls are clean during transportation.

TUBE AND CABLES

02.

Underground vacuum transportation system through a special, durable drop-pit hose, delivering the balls back to any location you want.

COMPLETE SUPPORT

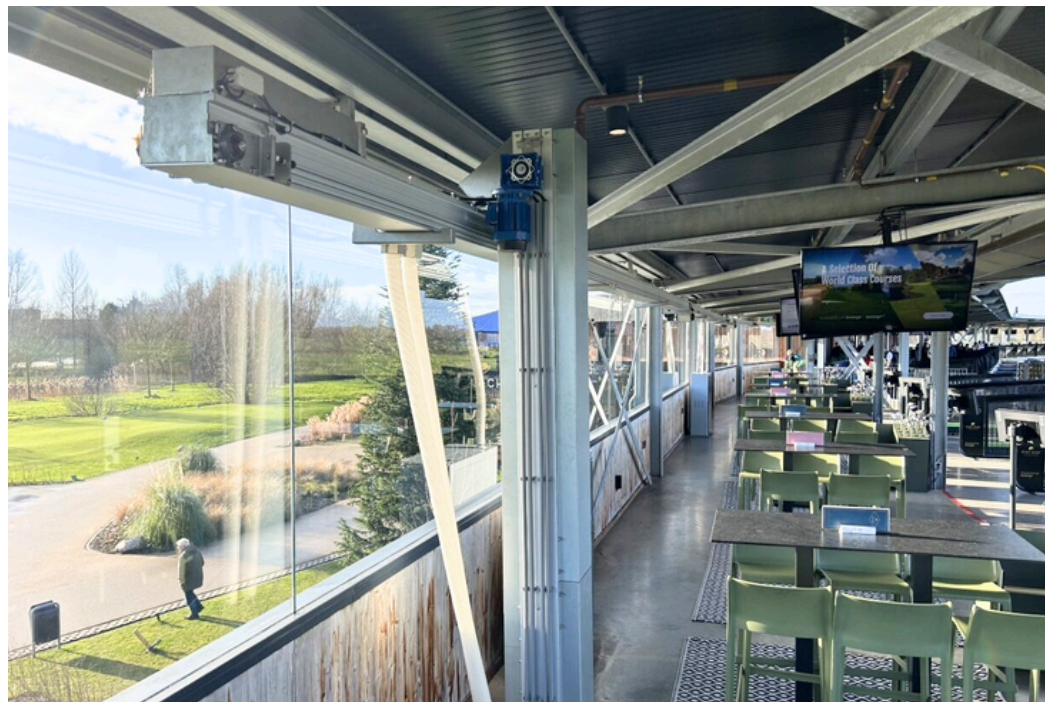
03.

We provide full support during the installation process, including a pre-visit to assess and determine the most suitable solution for your needs.



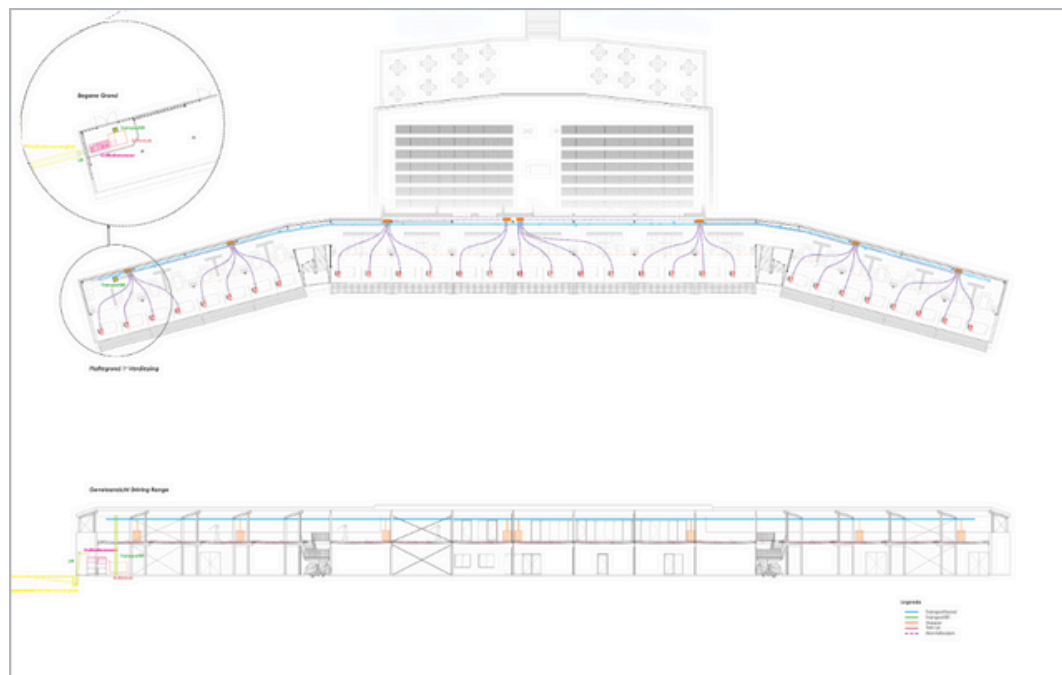
DROP-PIT XL

AUTOMATED TRANSPORT SYSTEMS

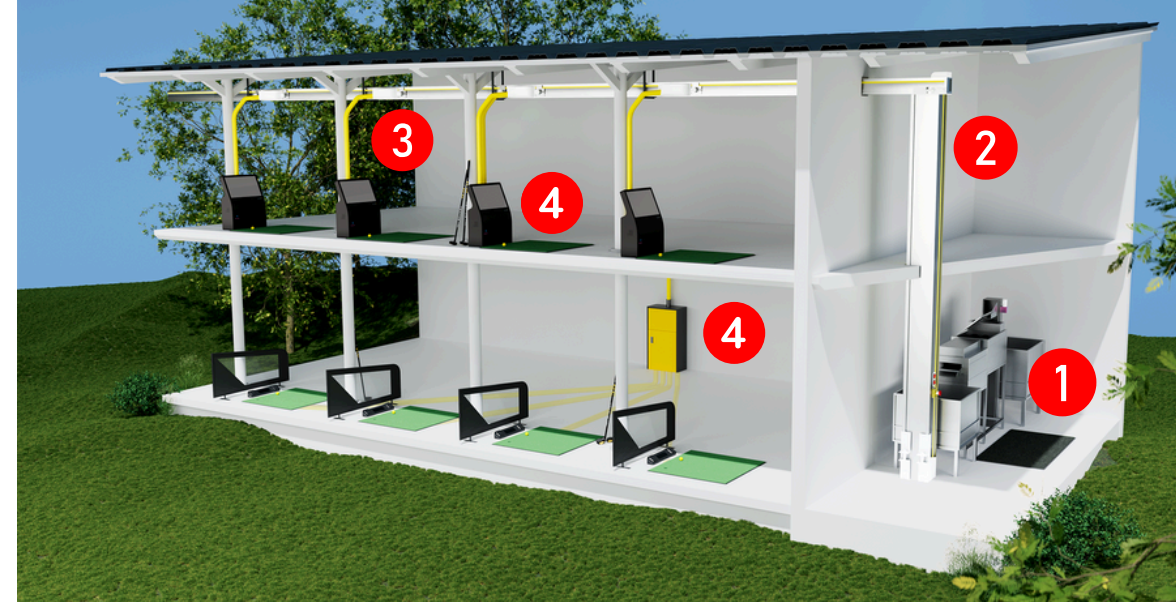


AUTOMATED TRANSPORT SYSTEMS

The growing demand within the interactive 'competitive socializing' driving range space makes the constant availability of clean golf balls at all bays more and more important. For obvious reasons, this goal is ideally to be reached with as little manual labor as possible.



With our proven global track record in driving range automation solutions Duchell is the perfect consultative and executive partner from preliminary design to project completion.



See how it works?
Scan the QR-code



CLEANING SYSTEM

01.

The golf balls start in the cleaning area (bottom right of the image) where they are washed and transported into a storage hopper

VERTICAL ELEVATOR

02.

An elevator take the clean balls from the storage hopper to the highest point of the building and delivers the balls onto the horizontal conveyor belt

HORIZONTAL CONVEYOR BELT

03.

The balls travel via a slightly tilted belt to the required dropping points

DROP MECHANISM

04.

The balls drop down via gravity through chutes or tubes to any desired station, from a hopper to a dispenser or tee-up system

We believe in delivering balls directly to the bay using a tee-box or auto tee-up system. Our innovative solutions use gravity to transport cleaned balls from the highest point to any dispenser, hopper, or tee-box. With our experience, we can find the ideal solution for any situation. Contact us early in your planning for the best results in execution.

AUTOMATED TEE-UP AND TEE-BOX SYSTEMS

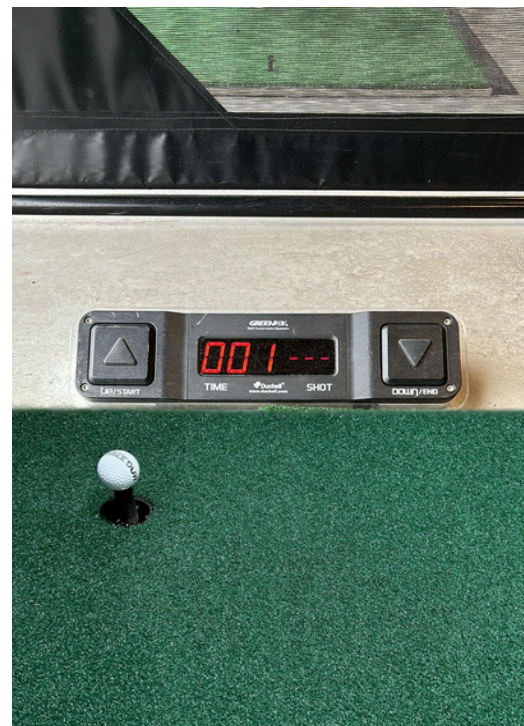


See how it works?
Scan the QR-code



AUTOMATED TEE-UP

Our **fully automated range systems** come with **versatile features**, including **automated individual** tee-up per bay. One of the **standout characteristics** is the **soundless transportation** of golf balls on **conveyor belts**. This means golfers can **practice their swing** without any **disturbances** while **receiving balls** in **high tempo**.



SERVICE AND EXPERIENCE

Offer your guests the ultimate service and experience by delivering balls individually at the bay and create a wow factor!

CONNECTABLE DISPENSING BAY-UNITS

The ball dispensing bay-units can be linked to several external systems (like Inrange) allowing full control over bay reservations and ball dispatch.

DISPLAY & ADJUSTABLE TEE HEIGHT

Time and ball quantity are displayed at each bay and the personal tee height can be adjusted.

AUTOMATIC TEE-BOX

Introducing the **Automatic Tee-Box** - This innovative device is designed to **hold and dispense** golf balls **automatically**, ensuring you never have to worry about manually placing a ball on your mat again. The front of the box is also **customizable** to your wishes.



EASY TOP-FILL SYSTEM

01.

The Automatic Tee-Box is designed with a large lid, allowing you to easily fill the machine with golf balls from the top.

MOTION SENSOR

02.

Once filled, the system uses a built-in motion sensor, automatically dispensing a ball onto the mat.

DISPLAY SCREEN

03.

The Automatic Tee-Box is equipped with a convenient display screen that shows information like the number of balls you've hit or the minutes you have left to play.