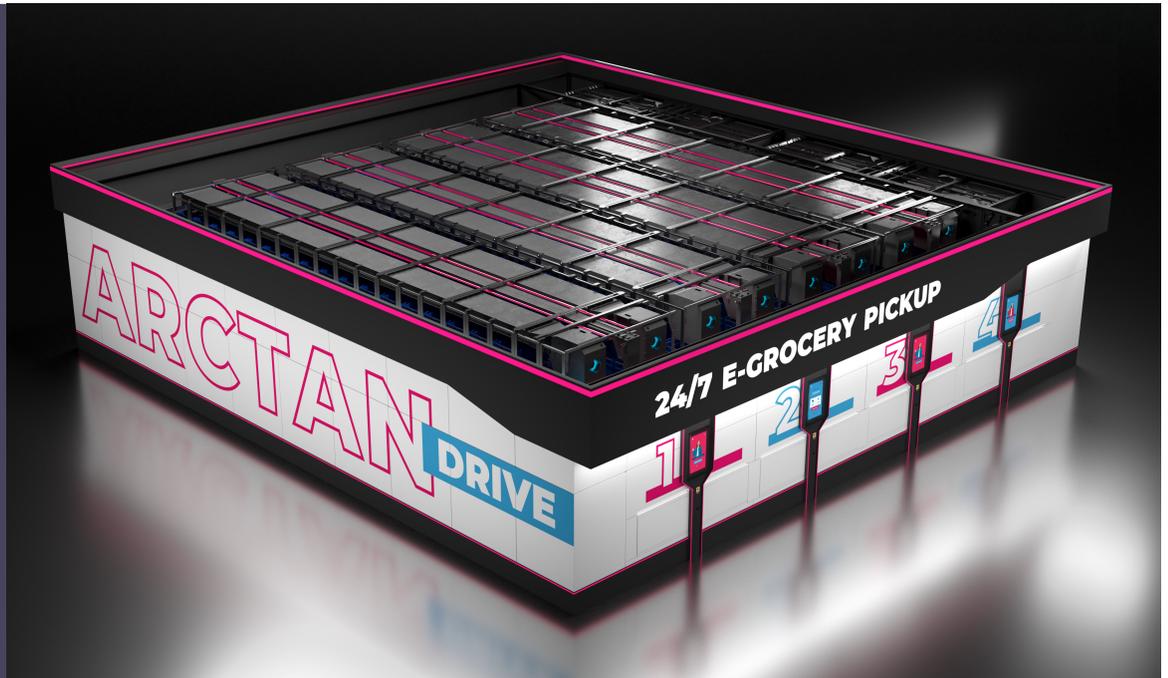


ARCTAN DRIVE



Arctan Drive. Robotic e-grocery curbside pick-up

The most effective 'drive' solution. Optimises capacity, decreases cost and increases consumer convenience. Easy to set-up and scale-up.

Why Arctan Drive Rocks!



FAST COURIER PROCESS

It takes around 1h20 to the courier to unload and load 896 bins



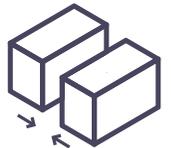
UNINTERRUPTED PROCESS

courier can load at the same time as client pick up



MFC INTEGRATION

Possibility to integrate a remote machine charging with RFID identification



MODULAR CONSTRUCTION

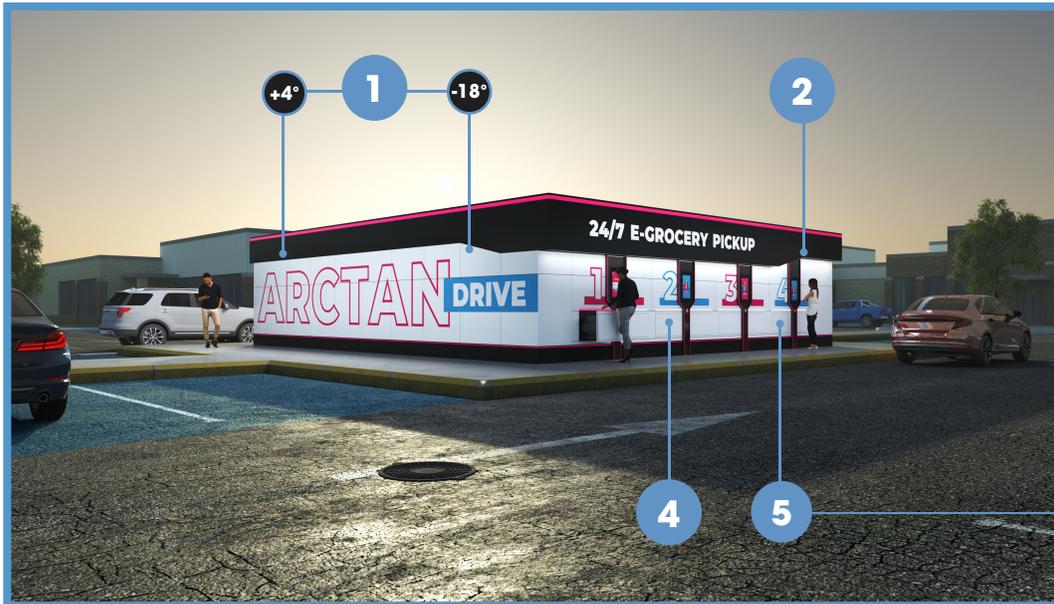
the machine can be modular with more than 4 modules, which gives a capacity of more than e-grocery 1000 orders.

The Arctan Drive Advantage

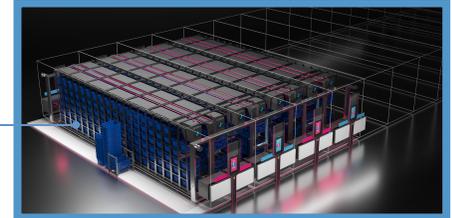
- High capacity & small footprint
- Simultaneous client pickup and courier drop off
- Fast order pickup (double order collection in 1 minute)
- Substantially reduces delivery costs by cutting number of couriers, cars, kilometers driven
- Increases effectiveness compared to human operated pick-up thanks to robotization - and thus reducing space and labor costs



When shopping online, choose the Arctan Drive delivery option.



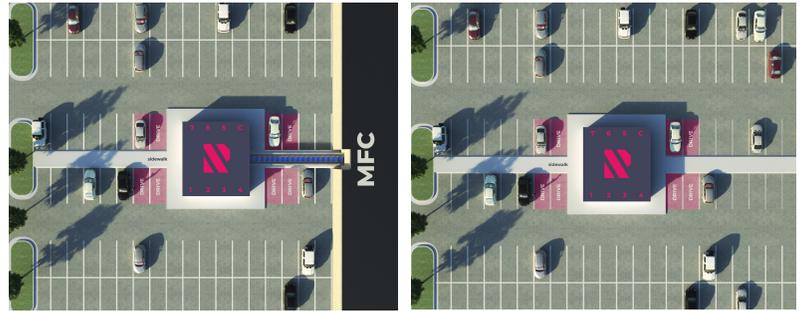
- 1 2 climate zones (+4°C / -18°C) / (39,20°F / -64,40 °F)
- 2 7 client and 1 courier independent interfaces
- 3 Dimensions : 11,72 x 9,48 m (38,45 x 31,10 ft)
- 4 8 QR code readers or optional RFID tag reader for automatic recognition of the bin identifier in the courier process
- 5 896 bins in standard Arctan Drive size, with an easy scale up possibility, by adding additional modules



We're open to various configurations

Thanks to the flexible design of our solution and the usage of conveyor belts, Arctan can have 2 configurations:

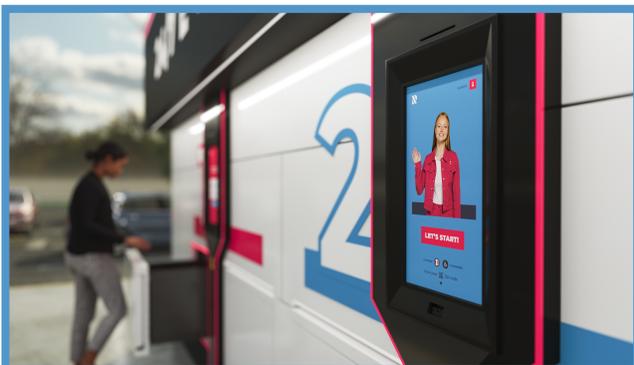
- for manual courier loading/pickup
- for integration with Micro Fulfillment Center



- 4 storage modules, equipped with robots using linear magnetic drive
- Multiple independent robots for quicker, simultaneous customer access
- MFC or courier interface module



ARCTAN DRIVE has an empty bins stacking capability for much quicker courier operations (quick unload). It also allows loading of multiple full bins into the machine. The courier just loads them stacked on his courier trolley.



 @RROBOTICS.CO

 RETAIL-ROBOTICS

 WWW.RROBOTICS.CO