

Technology. Innovation.

Excellence.

THE WORLD'S FIRST LARGE-SCALE **E-COMMERCE APPLICATION OF** DRONE TECHNOLOGY

Using proprietary technology developed at JD-X, JD.com's logistics innovation lab, the JD Drone program aims to bring the benefits and advantages of ecommerce to remote rural communities in China, a population that is currently underserved by the ecommerce industry.



OCTOBER 2015:

JD begins developing drones



JUNE 2016:

JD begins drone trial runs to customers



TODAY:

- 7 types of last-mile delivery drones
- More than 100 drone routes in several
- Over 400 thousand minutes of flight accumulated

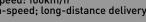
SHAANXI DRONE INITIATIVE

- Agreement with the Shaanxi provincial government to build China's largest low-altitude drone logistics network, spanning a 300 kilometer-radius.
- Drone research partnership with Northwestern Polytechnical University, including development of a heavy-load drone that can carry a ton
- Partnership with China West Airport Group to build airbases for drones throughout the region
- Agreement with the municipal government of Hangcheng to test urban drone delivery and smart logistics
- Agreement with Linyou County to modernize logistics for the local agricultural industry



Power: Battery Load weight: 5KG Reach: 7 km per charge Maximum speed: 54km/h Usage: 'Short-hop' delivery

Power: Battery Load weight: 10KG Reach: 100 km per charge Maximum speed: 100km/h Usage: High-speed; long-distance delivery







Power: Battery Load weight: 10KG Reach: 10 km per charge Maximum speed: 72km/h Usage: Automatic discharge; high-speed

Power: Battery Load weight: 5-10KG Reach: 100 km per charge Maximum speed: 100km/h Usage: High-speed; long-endurance





Power: Battery Load weight: 10KG Reach: 10 km per charge Maximum speed: 72km/h Usage: High-speed; long-endurance

Power: Gasoline Fower: Gasothe Load weight: 30KG Reach: 30 km per charge Maximum speed: 54km/h Usage: Heavy-load; long-endurance





Power: Battery Load weight: 20KG Reach: 15-20 km per charge Maximum speed: 54km/h Usage: Automatic discharge, embedded cabin





