

DRONE CATALOGUE

XIANNING TYI MODEL TECHNOLOGY CO.,LTD

TYI

Xianning Tyi Model Technology Company is a professional agricultural drone supplier in Xianning China very close to Wuhan. We produce agricultural drone of different models and specifications and drone accessories such as flight control, remote control, lipo battery, charger, motor, propeller etc since 2015. We are able to design, develop and manufacture entire drones from materials to complete products. We have got 11 patents on agricultural drones and our products have passed CE, RoHS and ISO 9001 Certificates to ensure product quality.

With professional technical support, strict quality control process, high efficiency sales team and competitive price superiority, we have attracted customers from all over the world, our products have been sold to over 60 countries, including Europe, Korea, Poland, Serbia, Turkey, Russia, USA, Mexico, Brazil, India, Thailand, Middle East, South Africa etc.

After 9 years of development, we have achieved great progress in agricultural drone industry. Equipped with advanced production line and strong technical support from our R&D department which enable us to take some OEM and ODM projects. We can produce at least 500 sets of agricultural drones per month, and can arrange delivery to countries all over the world.

We are reliable supplier of agricultural drone with 9 years of experience and we are looking forward to get more cooperation. Welcome to visit our store to know more about our products, we will provide good solutions and services.



TYI 4-10L

Agricultural Drone



Model: 3WTYI4-10C
Weight without payload: 12kg
Full payload weight: 22kg
Tank capacity: 10L
Axle distance: 1200mm
Propeller diameter: 30inch
Unfolding size: 1570*1570*550mm

Folding size: 620*620*550mm
Nozzle: 4pcs
Spray height: 2-4m
Spray speed: 2-10m/s
Spray width: 5m
Spray efficiency: 6ha/h
Max flight speed: 15m/s

Flight time with full payload: 10min
Flight time without payload: 24min
Remote control distance: 2km
Image transmission distance: 5-7km
Charger power: 1080W
Battery capacity: 22.2V 12000mah*2

TYI 4-16L

Agricultural Drone



Model: 3WTYI4-16C

Weight without payload: 17kg

Full payload weight: 33kg

Tank capacity: 16L

Axle distance: 1350mm

Propeller diameter: 34inch

Unfolding size: 1600*1600*650mm

Folding size: 700*700*570mm

Nozzle: 8pcs

Spray height: 2-4M

Spray speed: 2-10m/s

Spray width: 4-6M

Spray efficiency: 10ha/h

Max flight speed: 15m/s

Flight time with full payload: 10min

Flight time without payload: 24min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 1080W

Battery capacity: 22.2V 16000mah*2

TYI 4-17L

Agricultural Drone



Model: 3WTYI4-17C

Weight without payload: 17kg

Full payload weight: 40kg

Tank capacity: 17L

Axle distance: 1850mm

Propeller diameter: 24inch

Unfolding size: 1325*1500*780mm

Folding size: 680*680*780mm

Nozzle: 8pcs

Spray height: 2-4M

Spray speed: 2-10m/s

Spray width: 5-7M

Spray efficiency: 10ha/h

Max flight speed: 15m/s

Flight time with full payload: 10min

Flight time without payload: 20min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 1080W

Battery capacity: 14S 20000mah

TYI 4-30L

Agricultural Drone



Model: 3W TYI4-30C

Weight without payload: 41kg

Full payload weight: 71kg

Tank capacity: 30L

Axle distance: 2100mm

Propeller diameter: 43inch

Unfolding size: 3192*2400*750mm

Folding size: 1000*700*750mm

Centrifugal nozzle: 2pcs

Spray height: 2-4M

Spray speed: 2-10m/s

Spray width: 5-7M

Spray efficiency: 60ha/h

Max flight speed: 15m/s

Flight time with full payload: 9min

Flight time without payload: 23min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 9000W

Battery capacity: 18S 30000mah

TYI 4-50L

Agricultural Drone



Model: 3WTYI4-30C

Weight without payload: 45kg

Full payload weight: 95kg

Tank capacity: 50L

Axle distance: 2270mm

Propeller diameter: 48inch

Unfolding size: 3489*2650*850mm

Folding size: 1170*700*850mm

Centrifugal nozzle: 4pcs

Spray height: 2-4M

Spray speed: 2-10m/s

Spray width: 5-7M

Spray efficiency: 70ha/h

Max flight speed: 15m/s

Flight time with full payload: 7min

Flight time without payload: 21min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 9000W

Battery capacity: 18S 30000mah



TYI 6-10L

Agricultural Drone

Model: 3WTYI6-10C

Weight without payload: 15kg

Full payload weight: 25kg

Tank capacity: 10L

Axle distance: 1350mm

Propeller diameter: 23inch

Unfolding size: 1380*1380*550mm

Folding size: 900*900*550mm

Nozzle: 4pcs

Spray height: 2-4m

Spray speed: 2-10m/s

Spray width: 4-6m

Spray efficiency: 8ha/h

Max flight speed: 15m/s

Flight time with full payload: 10min

Flight time without payload: 24min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 1080W

Battery capacity: 22.2V 16000mah*2

TYI 6-16L

Agricultural Drone



Model: 3WTYI6-16C

Weight without payload: 20kg

Full payload weight: 36kg

Tank capacity: 16L

Axle distance: 1650mm

Propeller diameter: 30inch

Unfolding size: 1750*1750*650mm

Folding size: 1060*980*650mm

Nozzle: 8pcs

Spray height: 2-4m

Spray speed: 2-10m/s

Spray width: 5-7m

Spray efficiency: 10ha/h

Max flight speed: 15m/s

Flight time with full payload: 12min

Flight time without payload: 24min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 1080W

Battery capacity: 22.2V 22000mah*2

TYI 6-30L

Agricultural Drone



Model: 3WTYI6-30C
Weight without payload: 33.55kg
Full payload weight: 63.55kg
Tank capacity: 30L
Axle distance: 1950mm
Propeller diameter: 36inch
Unfolding size: 2175*1785*880mm

Folding size: 1050*880*880mm
Nozzle: 10pcs
Spray height: 2-4m
Spray speed: 2-10m/s
Spray width: 5-8m
Spray efficiency: 10ha/h
Max flight speed: 15m/s

Flight time with full payload: 10min
Flight time without payload: 27min
Remote control distance: 5km
Image transmission distance: 5-7km
Charger power: 2400W
Battery capacity: 14S 28000mah

TYI 8-10L

Agricultural Drone



Model: 3WTYI8-10C

Weight without payload: 19kg

Full payload weight: 29kg

Tank capacity: 10L

Axle distance: 1670mm

Propeller diameter: 23inch

Unfolding size: 1770*1770*550mm

Folding size: 820*820*550mm

Nozzle: 4pcs

Spray height: 2-4m

Spray speed: 2-10m/s

Spray width: 4-6m

Spray efficiency: 8ha/h

Max flight speed: 15m/s

Flight time with full payload: 11min

Flight time without payload: 24min

Remote control distance: 2km

Image transmission distance: 5-7km

Charger power: 1080W

Battery capacity: 22.2V 16000mah*2

TYI 8-16L

Agricultural Drone



Model: 3WTYI8-16C

Weight without payload: 19kg

Full payload weight: 34kg

Tank capacity: 15L

Axle distance: 1670mm

Propeller diameter: 23inch

Unfolding size: 1770*1770*650mm

Folding size: 850*850*650mm

Nozzle: 8pcs

Spray height: 2-4M

Spray speed: 2-10m/s

Spray width: 5-7M

Spray efficiency: 10ha/h

Max flight speed: 15m/s

Flight time with full payload: 10min

Flight time without payload: 24min

Remote control distance: 2km

Image transmission distance: 5-7km

Charger power: 1080W

Battery capacity: 22.2V 22000MAH*2

TYI 8-20L

Agricultural Drone



Model: 3WTYI8-20C
Weight without payload: 22kg
Full payload weight: 42kg
Tank capacity: 20L
Axle distance: 2100mm
Propeller diameter: 34inch
Unfolding size: 1950*1950*650mm

Folding size: 1050*1050*650mm
Centrifugal nozzle: 2pcs
Spray height: 2-4m
Spray speed: 2-10m/s
Spray width: 6-8m
Spray efficiency: 12ha/h
Max flight speed: 15m/s

Flight time with full payload: 10min
Flight time without payload: 20min
Remote control distance: 2km
Image transmission distance: 2km
Charger power: 1080W
Battery capacity: 22.2V 24000mah*2

TYI 8-30L

Agricultural Drone



Model: 3WTYI8-30C

Weight without payload: 38.7kg

Full payload weight: 68.7kg

Tank capacity: 30L

Axle distance: 2426mm

Propeller diameter: 34inch

Unfolding size: 3289x3289x850mm

Folding size: 1250x1100x850mm

Nozzle: 16pcs

Spray height: 2-4m

Spray speed: 2-10m/s

Spray width: 6-8m

Spray efficiency: 50ha/h

Max flight speed: 15m/s

Flight time with full payload: 6min

Flight time without payload: 20min

Remote control distance: 2km

Image transmission distance: 2km

Charger power: 3000W

Battery capacity: 14S 28000mah