



# UAV Hardware Solution Provider

ONE ★ STOP ★ SHOP



[www.uavpropulsiontech.com](http://www.uavpropulsiontech.com)



# Companies Represented

## UAV HARDWARE SOLUTION PROVIDER





**TOA288**



**TOW288**



**TOA576**

- 24hp gasoline EFI air-cooled (TOA288). Flying on MartinUAV V-Bat 128 and Volansi Voly 20/Voly 50.
- 27hp gasoline EFI water-cooled (TOW288). First samples produced/supplied. No customers in public domain yet.
- 48hp 4-cylinder boxer feasible.
- Heavy fuel coming in 12 months.



## The Beast



DA 26-MC



DA 26-D-MC



DA 26-MCS



DA 30-HT-MCCS



## OPV – Single & Redundant



## Throttle Servos

## Broad Range

- Broad torque range: 60Ncm peak@30g to 200Nm peak @5.6kg.
- Flying on most advanced defense and delivery drones.
- Single, redundant and OPV solutions for Advanced Air Mobility (flying car/taxi) applications.
- Throttle servo solutions for most engines: Rotax, Hirth, Orbital, NWUAV, Suter.



## Fly Smarter

Introducing the smartest family of products for UAVs on the market

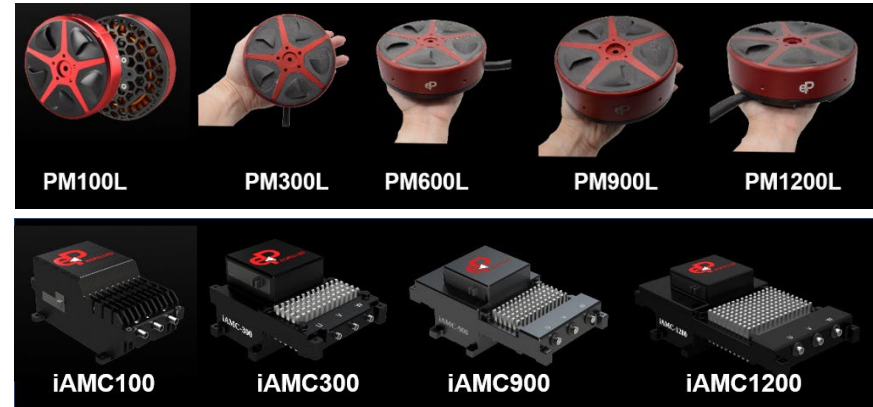
Beautifully designed propulsion motors from 1kW to 20kW for different voltage ranges available with corresponding air motor controllers.



Electronic Engine Starters from 500W to 6kW

Intelligent Power Systems from 500W to 12kW

Starter Generators from 500W to 12kW



PM100L

PM300L

PM600L

PM900L

PM1200L

iAMC100

iAMC300

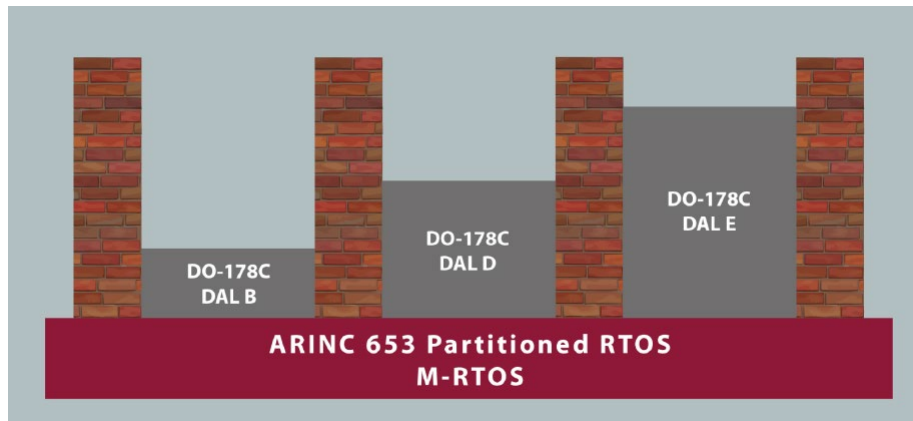
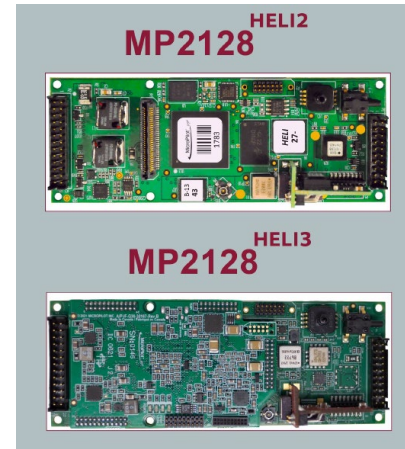
iAMC900

iAMC1200

## Motors and Motor Controllers

### Starter/generators/GCU/Engine Starters

- Starter/generator solutions from 750W to 12kW.
- Permanent Magnet motor and controller solutions from 1kw to 12kW.
- Made in the USA.



- Autopilots-Board mount, enclosed, triple redundant.
- New HELI3 with more capability.
- DO-178 certification in process



- Fuel Safe – Bladder/molded fuel tanks.
- HP-Tech – Fuel pumps
- Reventec – Capacitance fuel level sensor.
- Sentronics – Ultrasonic fuel flow sensor

**FUEL SAFE**  
SYSTEMS



*sentronics*



 reventec



**HP-TECH**





- Ballistic and non-ballistic rescue/recover solutions for fixed wing, VTOL UAV or AAM applications.
- COTS and custom.



## POLLUX 2 – NS10 Micro-miniature INS-GPS system Micro-miniature MEMS INS-GPS for Unmanned Aerial and Land Applications

### Key Features

#### Micro-Miniature SWAP



~80gm (45mX45mmX20mm)  
making it suitable for a platforms  
where size/weight are a constraint

#### Near-Tactical Performance



To give highly accurate position info  
in GNSS denied conditions

#### Precise attitude and position data



To enable its use in autonomous  
navigation.



NS10

#### External Aiding Inputs



Accepts external odometer, airspeed  
aiding data

#### High Shock Sustainability



40 'g' shock sustainance promises  
performance in challenging  
environments

#### High Update Rate

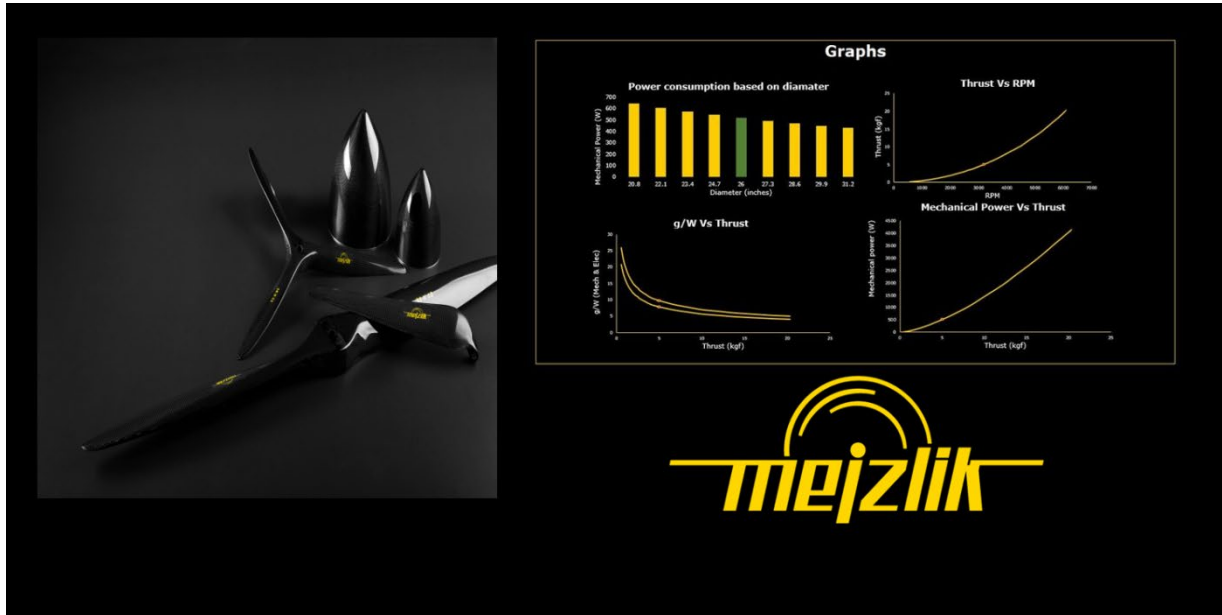


50Hz Navigation Solution, 200Hz  
Raw Sensor data making it suitable  
for high dynamic applications

#### Communication



RS232/RS422/USB/1PPS








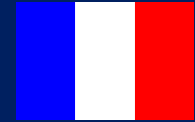
- COTS and Custom carbon fiber propellers for UAV/AAM's.



- Fuel Cells (250W to 1.5kW), Tanks, Booster pump, Regulator.
- Hycopter – Turnkey hydrogen multicopter



PRODUCT INFO					
	<b>TR-1A</b>	<b>TR-1F</b>	<b>idME (remotID)</b>	<b>idME+ (remotID)</b>	<b>The HOD (Hook-On-Device) for UAS</b>
	<a href="#">ADD TO CART</a>	<a href="#">ADD TO CART</a>	<a href="#">ADD TO CART</a>	<a href="#">ADD TO CART</a>	<a href="#">READ MORE</a>
<b>PRICE</b>	850.00 €	1150.00 €	159.00 €	189.00 €	-
<b>WEIGHT</b>	14 g	14 g	6 g	6 g	149 g
<b>DIMENSIONS</b>	35 × 25 × 8.5 mm	35 × 25 × 8.5 mm	31.5 × 15.5 × 7.3 mm	31.5 × 15.5 × 7.3 mm	58 × 38 × 9.5 mm
<b>ADS-B IN</b>	✓	✓	-	-	✓
<b>ADS-B (IN/OUT)</b>	✓	✓	-	-	X
<b>FLARM IN/OUT</b>	X	✓	-	-	✓
<b>BUILD-IN GNSS</b>	✓	✓	-	✓	✓
<b>BUILD-IN PRESSURE SENSOR</b>	✓	✓	-	✓	✓
<b>LTE</b>	X	X	-	-	✓
<b>SENSITIVITY ADS-B (DBM)</b>	RX sensitivity For operation at 50Ω -82	RX sensitivity For operation at 50Ω -75	-	-	RX sensitivity For operation at 50Ω -75



## High-performance GYROSTABILIZED GIMBALS

Sensors: EO HD 10x/30x zoom options, Laser range finder/pointer, LWIR fixed/bifocal/5X zoom options, MWIR 15X optical zoom, Geo location/tracking, Object tracking





# Contact Info



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