
Destinus
Scalable cost-asymmetric strike
and air defence systems for
high-intensity warfare

European industrial scale strike & air defence systems

Strike systems

Ruta

Mid-layer extended-range cruise systems

Kryla

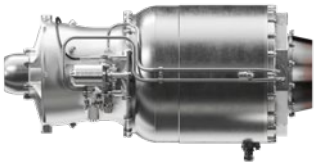
Saturation cruise system (distributed / high-volume)

Air defence

Hornet

Dual-role interceptor & precision strike systems

Engines and propulsion



T150

Turbocharged for tactical dominance

T70

Compact and cost-effective turbojet engine

T35

Turbojet engine for multipurpose use

Intelligent navigation systems

Vista

Reliable navigation in a GNSS-denied environment

Strengthening Europe’s security and strategic autonomy through advanced, affordable, cost-asymmetric systems.

Destinus is a European defence manufacturer built for the age of mass-produced threats. We design and produce strike and air defence systems in Europe for European and allied forces. We develop and manufacture cruise missiles, loitering munitions, and kinetic interceptors engineered for scalable, cost-effective production.

Our edge is the combination of a unified autonomy stack, deep vertical integration, and industrial-scale manufacturing that turns fast iteration into fielded capability. At industrial tempo. Our mission is straightforward: strengthen Europe’s security and strategic autonomy by delivering advanced, affordable systems that protect people and critical infrastructure.

· Intelligent navigation systems

AI-enabled navigation and mission planning designed to learn from each mission, adapt to conditions, and optimise operational outcomes.

· Guidance, navigation & control

Autonomous flight control and advanced avionics delivering reliable navigation, even in GPS-denied and EW-contested environments.

· Cost-efficient turbojet engines

Robust, high-performance turbojet engines designed to increase UAV speed, range, and mission longevity.

· Aerodynamics & structural design

Proficiency in fluid dynamics and lightweight airframe engineering.

Our key differentiators

· Vertically integrated European OEM control

Destinus is vertically integrated across its European technology and production stack. All critical subsystems -- from guidance, propulsion, avionics, software, and payloads to manufacturing and testing -- are developed and controlled in-house. This full OEM lifecycle control reduces external dependencies, mitigates supply-chain and certification risks, and ensures long-term European system sovereignty, with all IP retained in Europe.

· AI-based modelling & software-centric development

AI-driven modelling and software are the foundation of Destinus platforms. Advanced autonomy, navigation, sensor fusion, and mission-planning software enable rapid capability evolution. Integrated simulation and data-driven design shorten development cycles, shifting innovation from hardware-led iteration to software-defined performance.

· Continuous battlefield feedback loop

Operational systems provide real-time battlefield data directly into engineering and AI model training. This closed feedback loop enables fast adaptation to emerging threats, continuous performance improvement, and rapid deployment of validated upgrades into fielded systems.

· Scalable platforms and industrialised production

Destinus platforms are designed for scale from inception. Modular architectures, standardized interfaces, and reusable subsystems support cross-platform integration and rapid upgrades. Lean, industrialised manufacturing processes enable efficient transition from R&D to high-rate, repeatable production, and rapid deployment of validated upgrades into fielded systems.

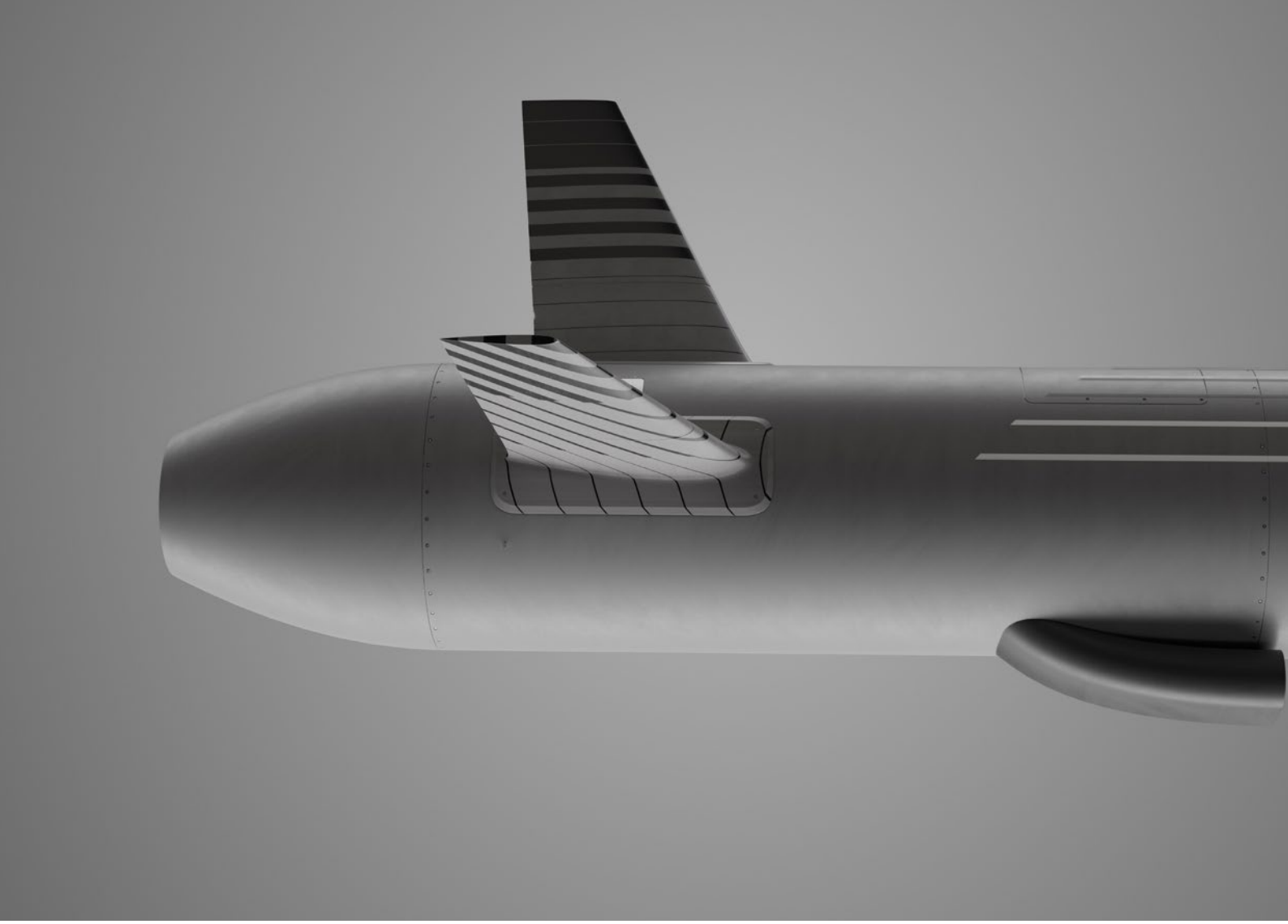
Ruta Block 1

Baseline precision strike against high-value military targets

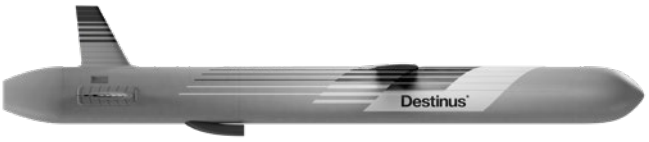
First-generation Ruta cruise-system baseline

INS + GNSS + VNS navigation, GNSS-denied capable

Booster-assisted mobile ground launch



MODEL	Ruta Block 1
RANGE	300+ km
PAYLOAD	150 kg
COUNTER	· Strategic assets · Concrete structures · Critical infrastructure
APPLICATIONS	· Strike on stationary targets · Infrastructure degradation · Critical asset neutralization · Target drone



Ruta Block 1 established the baseline of the Ruta cruise-system architecture. Designed for precision strike against fixed high-value military targets, it uses low-altitude terrain-following flight, GNSS-denied-capable navigation, and pre-programmed terminal guidance.

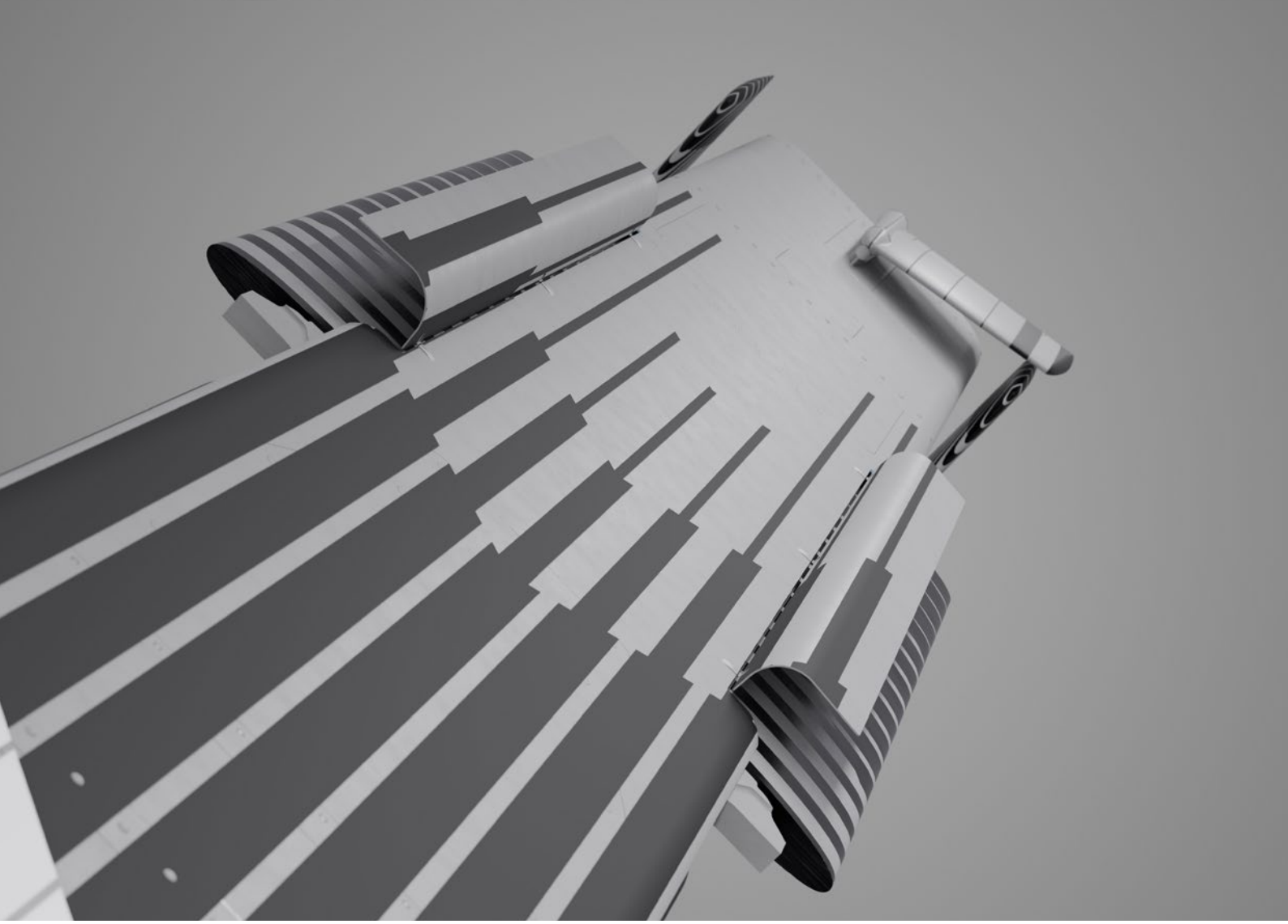
Ruta Block 2

Extended-range precision strike against hardened and high-value military targets

GNSS-denied environment operation

Canister-launched: faster reaction time, enhanced mobility

Superior cost / range / payload performance



MODEL	Ruta Block 2
RANGE	700+ km
PAYLOAD	250 kg
COUNTER	· Strategic assets · Concrete structures · Critical infrastructure
APPLICATIONS	· Strategic operational strike · Stand-off precision attack

Designed for precision strike against hardened and high-value military targets, Ruta Block 2 enables low-altitude terrain-following penetration in GNSS-denied and EW-contested environments. EO/IR terminal guidance with AI-assisted target recognition supports accurate engagement of operator-defined aimpoints.

Kryla

Distributed saturation strike system with coordinated multi-effector engagement

Distributed strike and air defence saturation

Time-on-target coordination and high-volume salvo

Palletized airdrop or booster-assisted canister launch

MODEL	Kryla
RANGE	800+ km
PAYLOAD	50 kg
COUNTER	· Integrated air defence · Stationary targets
APPLICATIONS	· SEAD (Suppression of Enemy Air Defence) · Remote saturation strike · Deep strike missions · MRASM

Designed for high-volume strike, Kryla enables distributed saturation attacks to overwhelm air defence systems in contested environments through coordinated multi-vector engagement and time-on-target synchronization.

Hornet Block 1

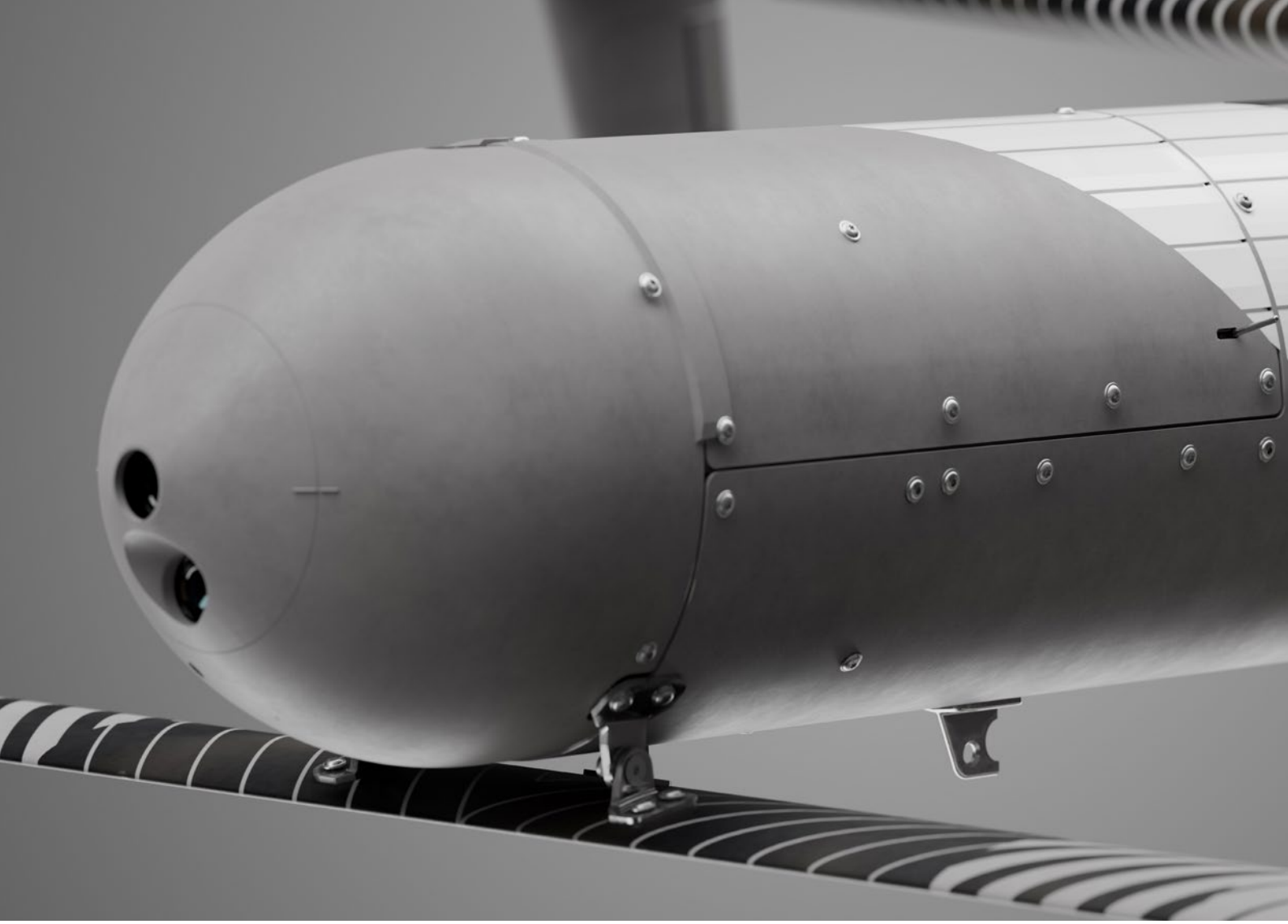
Radar-cued interceptor for subsonic threats with autonomous terminal interception

Capable of countering coordinated attacks by Group 3 drones

Operates in GNSS-denied environments

Initial radar guidance, AI-assisted terminal seeker

Reversing cost asymmetry



MODEL	Hornet Block 1
RANGE	75+ km
PAYLOAD	1.5 kg
COUNTER	· Kamikaze drones · Low-cost unguided missiles · Reconnaissance / ISR / Loitering UAVs · Swarm drone attacks
APPLICATIONS	· GBAD-integration · Forward base protection · Critical infrastructure protection

EO/IR and radar guidance enable autonomous engagement in GNSS-denied environments. Integrated with multiple radar systems for GBAD operations, Hornet Block 1 delivers cost-effective, proportional defence against kamikaze drones, ISR UAVs, loitering munitions, and coordinated swarm attacks.

Hornet Block 2

Dual-role system: interceptor & controlled precision strike

For subsonic aerial threats, and maritime and ground targets

AI-coordinated swarm operations, dynamic target allocation

Multi-domain, mobile canister-launched, all-weather

MODEL	Hornet Block 2
RANGE	150+ km
PAYLOAD	3 kg
COUNTER	· Strike drones · ISR drones · Loitering munitions · Helicopters
APPLICATIONS	· GBAD integration · (Forward) base protection · Critical infrastructure protection

Dual-role system enabling both subsonic threat interception and controlled precision strike within a single platform. EO/IR and radar guidance enable autonomous engagement in GNSS-denied environments.

T150

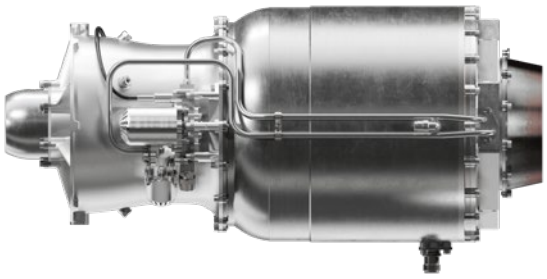
Turbojet Engine. Turbocharged for tactical dominance

Fuel types: Jet A-1, JP-8, diesel, petrol

Ideal for integration into cruise missiles or other UAVs

All-radial design, lightweight and compact diameter

MODEL	T150 TJ
MAXIMUM ENGINE THRUST (ISA)	1500 N
SPECIFIC FUEL CONSUMPTION (SFC)	0.12 kg/h/N
ELECTRICAL POWER OUTPUT	1500 W
WEIGHT	1735 kg
LENGTH	530 mm
OUTER DIAMETER	245 mm



Destinus T150 is a compact turbojet engine delivering a maximum thrust of 150 kgf (1500 N). Its lightweight, streamlined design makes it ideal for integration into cruise missiles and other unmanned aerial vehicles. The T150 features an innovative overhang rotor design that offers superior performance compared to competitors.

T70

Compact and cost-effective turbojet engine

Fuel types: Jet A-1, JP-8, JP-10

Optimised for light cruise missiles or other UAVs

Lightweight and compact diameter

MODEL	T70 TJ
MAXIMUM ENGINE THRUST (ISA 0 M)	750 N
SPECIFIC FUEL CONSUMPTION (SFC)	0.108 kg/h/N
ELECTRICAL POWER OUTPUT	Up to 2000 W
WEIGHT (CORE ENGINE)	7.5 kg
LENGTH	360 mm
OUTER DIAMETER	170 mm

The Destinus T70 is a small low-cost turbojet engine capable of generating 750 N of maximum thrust. Capable of high-altitude startup and of windmilling start.

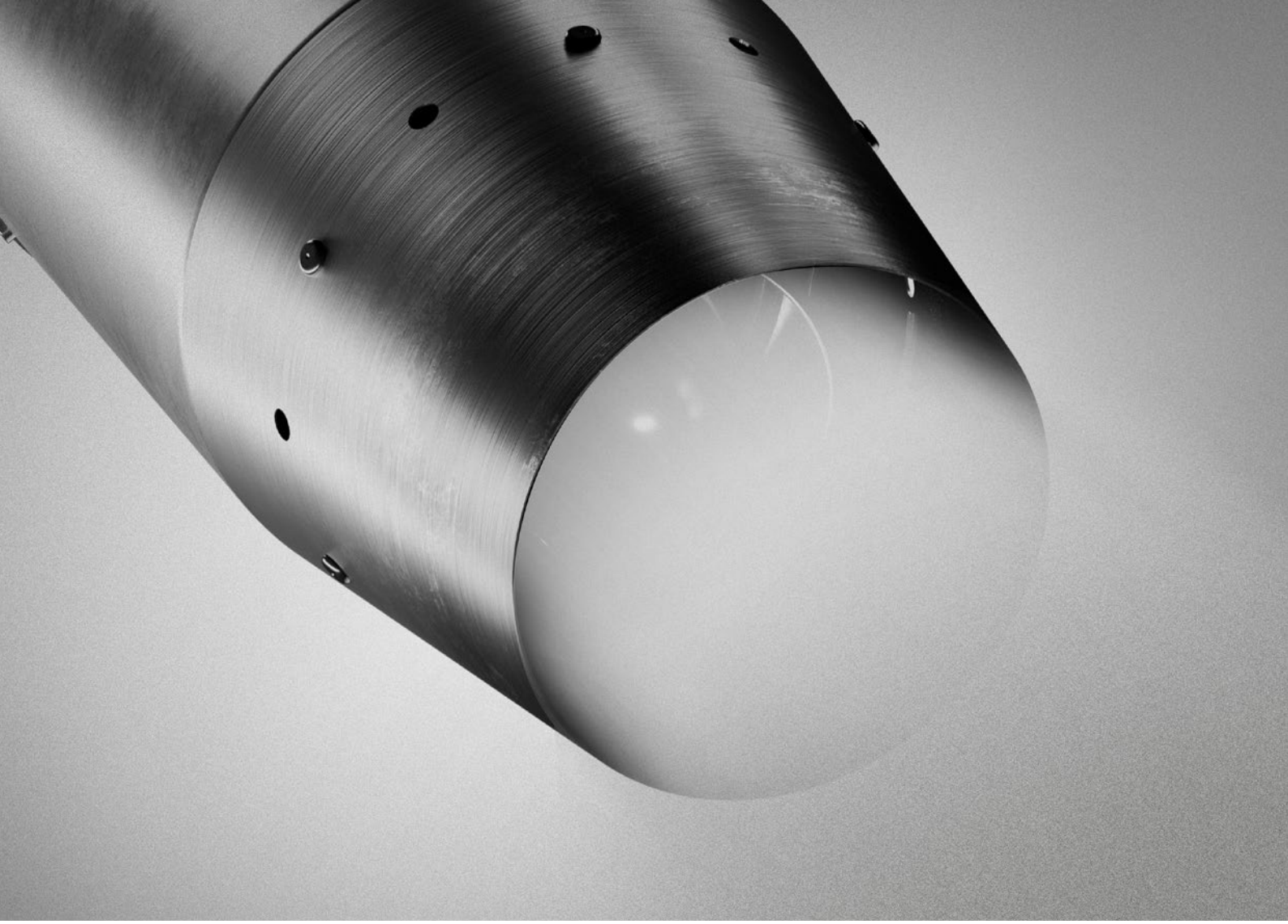
T35

Turbojet engine for multipurpose use

Fuel types: Jet A-1, JP-8, diesel, petrol

Ideal for integration into small missiles or other UAVs

Lightweight, compact



MODEL	T35 TJ
MAXIMUM ENGINE THRUST (ISA)	350 N
SPECIFIC FUEL CONSUMPTION (SFC)	0.136 kg/h/N
ELECTRICAL POWER OUTPUT	1250 W
WEIGHT	2.95 kg
LENGTH	303 mm
OUTER DIAMETER	133 mm

Lightweight turbojet engine delivering a maximum thrust of 350 N. Engineered for longevity and consistent operation with minimal maintenance. Its versatility allows seamless integration into a wide range of UAVs, while its fuel flexibility ensures adaptability across missions.

Reliable navigation in a GNSS-denied environment

Low size, weight and power

Immune to jamming and spoofing

Has undergone operational field testing

MODEL	Vista
WEIGHT	< 300 g with antenna
MAIN SYSTEM DIMENSIONS	90 x 60 x 30 mm
CAMERA DIMENSIONS	39 x 39 x 27 mm
APPLICATIONS	· Fixed-wing UAVs · Multi-rotor UAVs · VTOLs / Hybrid · Helicopter

Reliable position and orientation at all times, based on visual information in daylight and IR at night. High-speed, low-altitude performance with an ultra-fast refresh rate. Easy and flexible integration into existing platforms.

business@destinus.eu

www.destinus.eu