



# TSE-200

*Power comes in compact packaging*

Always pursuing excellence in performance and reliability while remaining cost-effective, EDePro established itself among leading producers of turbojet and turboshaft engines with its own, original design. TSE-200 represents the best example of small-size, low mass, reliable engine suitable for light helicopters UAVs, and auxiliary power units. With *back-to-back* positioned radial compressor and turbine gas generator and single stage axial power turbine connected to gearbox, the engine offers a power take-off up to 195 kW. Designed in three versions: turboshaft, turbogen and turboprop, the engine responds to the needs of compact, powerful and effective turboshaft solutions. It may work on almost any known fuel due to its unique combustion chamber. The engine uses *in-house* designed and produced gearboxes.

## MAIN FEATURES

- » multi-fuel capability
- » small-size, low-mass
- » unique combustion chamber design
- » total lifespan 1000h

## TECHNICAL SPECIFICATIONS

Parameters	Metric
Max. power	195 kW
Specific fuel consumption	0.47 kg/kW/h
Electric generator	5 kW at 27-29 V DC
Max. EGT	650 °C
Control system	ECU

Dimensions and mass	Metric
Max. diameter	425 mm
Length	720 mm
Dry weight	80 kg

Envelope	Metric
Max. operating altitude	10 000 m
Max. starting altitude	5 000 m
Max. airflow rate	1.25kg/s
Operating temperature	-40/+50 °C
Max. Mach number	0.7



CLOSED  
LOOP OIL  
LUBRICATION



ELECTRIC  
STARTER



PNEUMATIC  
STARTER



SPARK  
PLUG

