

TRIXY G 4-2 R



Technical Data:

Length	4,90 m
Width:	1,88 m
Height:	2,80 m
Empty weight:	261 - 275 kg
Max. take-off weight:	450 kg
Max. speed:	167 km/h
Min. Speed:	30 km/h
Max. flight altitude:	15000 ft. (4570 m)
Fuel tank capacity:	34 l + 34 l
Storage compartments:	2 x 22 l
Storage capacity:	2 x 5 kg
Engine type:	Rotax 912 ULS
Engine power:	100 HP (74,5 kW)
Engine TBO:	2000 h
Rotor diameter:	8,40 m
Rotor blade air foil:	NACA 8H12
Rotor material:	Aluminum
Rotor TBO:	1500 h
Propeller diameter:	1727 mm
Propeller type:	3 blade pusher
Propeller adjustable:	Ground adjust
Propeller material:	Carbon composite
Propeller TBO:	800 h

Standard configuration:

non metallic paint
Rotax 912 ULS
Averso rotor 8,40 m
DUC propeller Inconell 3 blade
Beringer wheels and hydraulic brakes
M.E.Rin anti-explosion tank (34 l)
Kanardia NESIS II glass cockpit
3 mechanical flight instruments
Leather seat padding
2 LED-Landing lights
Ventilation fan

Accessories - optional:

Removable canopy glass cover
Cabin heating
Cabin inner trim
Communication radio, transponder, ELT
Auxiliary fuel tank M.E.Rin (34 l)
Auxiliary fuel pump
Flight instructor controls for rear seat
Kanardia EMSIS flight instructor instrument
Navigation, strobe lights
Metallic paint

Innovative. Stylish. Sumptuous.

Trixy Aviation - the young Austrian aviation company established in autumn 2010, has set itself the task of realizing visions for the pilots of tomorrow. Its debut has more than surprised the aviation industry with the Gyrocopter **G 4-2 R (Gyro For Two powered by Rotax)**. It took the Trixy-Team only 16 months from the scratch to the German type certification, based on the stringent rules for ultra-light gyrocopter with a maximum TOW of 450 kg.

Designing a sturdy, comfortable and light weight aircraft was a challenging but successful task for Trixy engineers. The tandem configuration was chosen for best load distribution and best aerodynamic performance. The frame is made of certified stainless steel for reliability and ease of maintenance. The carbon fiber sandwich construction of the cabin, canopy, engine compartment and tail insures high strength at low weight. Only components from vendors known to be the best in the industry such as Rotax, Averso, DUC, Beringer and M.E.Rin are being used. Flight safety simply counts as top priority in the G 4-2 R.

Trixy sets also new standards in the cockpit and flight instruments. A specially designed glass cockpit with gyro-icon occupies the center of the dashboard and delivers all flight, navigation and engine information at a glance. Clicking a button, Pilots can simply switch between 4 different screens. Visual and acoustic warnings inform the pilot in the event that any of the parameters for rotor, engine, fuel and CO-concentration in the cabin are close to the limit or out of range. A novelty is a small screen to deliver parallel data to the flight instructor at the rear seat. The large and comfortable design of the cabin with the leather seat padding conveys the feeling of first class travel and two large storage compartments under the rear seat are appreciated in a longer trip.

The optional removable canopy glass cover was designed to suit flying in different climate conditions. The design allows easy removal on the ground within seconds with no need for tools. The compact size of the canopy cover helps when storing in a small space and it fits in the back seat of almost any car. The aerodynamic windshield is firmly glued to the canopy to protect the occupants from wind and foreign objects. Switching the optional heating system on in a closed cabin makes gyrocopter flying at temperatures as low as -20 °C very comfortable. It is truly a modern convertible, an all season gyrocopter!

On January 12, 2012 the German certification was granted for the Trixy G 4-2 R and the first gyrocopter was delivered already on January 13, 2012 to a German flight school. Within 3 months 280 instructing hours were flown with Trixy! During this time, it was demonstrated that Trixy is very easily controlled by student pilots. The Gyrocopter with its enormous maneuverability is also fascinating experienced pilots. Trixy Aviation is so convinced of the reliable design and the quality of its G 4-2 R, that grants a full warranty for the duration of two years or 500 operation hours including parts and labor as a standard for every G 4-2 R.