



# OERLIKON REVOLVER GUN® 30

## 30 MM AIR DEFENCE REMOTE CONTROLLED TURRET

This high precision 30 mm air defence gun with autonomous target engagement capability and standard electro-optical sensor unit, is a powerful shooter capable for various kinds of missions.

The Oerlikon Revolver Gun® 30 can receive and process target data from 3D or 2D search radars or higher order control systems. The integrated gun control computer manages target tracking and engagement and the electro-optical sensor unit enables visual target identification. Engagement supervision is performed from the engagement operator console in the control node or with a portable gun console for emergencies and self-defence.

The integrated 30 mm Oerlikon Revolver Cannon® KCE-ABM provides superior fire power and accuracy. Combined with the Oerlikon Ahead® air burst ammunition the gun achieves a high effectiveness against both conventional and emerging air threats such as drones.

The cannon and ammunition are fully qualified and in service. The Revolver Gun® 30 is palletized for easy transport and quick deployment in the field. Air transportability ensures rapid availability in the combat zone.

### MAIN FEATURES

- Autonomous 30 mm air defence gun
- Effective combat range: up to 3,000 m
- 30 mm Oerlikon Revolver Cannon® KCE-ABM
- Nominal rate of fire: 1,250 rounds/min
- Ready to fire ammunition: >250 rounds
- Modular electro-optical sensor unit
- Ku-band tracking radar (option)
- Automatic target acquisition and tracking
- Remote engagement control
- Fibre optical or radio (option) link to control node
- Integrated position locator and north direction finder
- No field alignment required
- Rapid deployment with a palletized platform
- Air transportable
- Simple handling and maintenance

## TECHNICAL CHARACTERISTICS

### Cannon

Calibre	30 mm x 173
Nominal rate of fire	>1,250 rounds/min
Rapid single shot	200 rounds/min
Mean muzzle velocity Ahead ( $V_0$ )	1,065 m/s
Mean muzzle velocity full calibre ( $V_0$ )	1,065 m/s
Length of cannon with muzzle brake	3,055 mm
Barrel length (80 cal.)	2,340 mm

### Ammunition

Types (NATO Code)	
Programmable	ABM (KETF)
Standard full calibre	HEI-T, TP-T
Number of rounds ready to fire	>250

### Electro-optical sensor package

TV camera	HD color CMOS, 0.75°...37.5°
IR camera	Cooled MW, HD, 1.3°/4.6°/21.8°
Laser rangefinder	Eye safe class 1M, 6 – 10Hz
Video tracker	Optimized for air targets
Sensor unit motion	Az: ±360°, El: -5°...+85°

### Operation

Unmanned during operation
Remote engagement control

### Gun turret

Weight of gun turret w/o ammunition	<2,600 kg
Weight of gun turret with ammunition	<2,900 kg
Traverse arc	n x 360°
Elevation arc	-15° to +85°
Traverse speed	≤115°/s
Elevation speed	≤57°/s

ISO 10ft container interface for road transportation

Air transportable with e.g. helicopter (payload >3.000 kg), palletized transportable

Interoperability with Skyspotter or Skynex

We reserve all rights in connection with this document. Data and descriptions have only an information value.

Modifications are reserved. Oerlikon Revolver Gun®, Oerlikon Revolver Cannon® and Oerlikon Ahead® are registered trademarks of Rheinmetall Air Defence AG.



Rheinmetall Air Defence AG

Birchstrasse 155 · 8050 Zurich · Switzerland · info@rheinmetall-defence.com · www.rheinmetall.com