



# RN-600

## 12.7 MM HMG & 40 MM AGL

TAKING RESPONSIBILITY IN A CHANGING WORLD

 **RHEINMETALL**

The RN-600 is a combined weapon mount for the 12.7 mm (.50 cal) M2 Browning heavy machine gun (HMG) and various 40 mm automatic grenade launchers (AGL). The RN-600 is a versatile weapon mount, which can be mounted on various vehicles, pedestals, and tripods. The RN-600 reduces recoil forces and improves ergonomics to reduce weapon dispersion and increase hit probability. The shoulder support and trigger system greatly improves the ergonomics, making the weapon easier and faster to operate, engage and control. The RN-600 comes in a 12.7 mm or in a 12.7 mm/40 mm configuration.

The RN-600 offers several advantages to the gunner:

- Improved accuracy and grouping
- Rapid engagement of multiple targets
- Increased first hit probability
- Reduced recoil forces
- Improved ergonomics
- Easy maintenance
- The reduced recoil minimize the wear and tear of the weapon
- Elevation can be fixed in level position
- Simple mounting and use
- Reduces stress on vehicle
- Elevation  $-25^{\circ}$  up to  $+55^{\circ}$

#### TECHNICAL DATA – RN-600

- Fits both 12.7 mm HMG and 40 mm AGL
- Reduced recoil up to (>80% for .50 cal and >50% for AGL)
- Standard NATO pintle interface (G3 cone)
- Applicable for land and navy operations – salt water resistant
- Light-weight <14 kg (dependent on configuration)

#### ADVANTAGE FOR GUNNER

- Shoulder support – improved weapon stability and quicker sight adjustment
- Trigger system – improved accuracy and stability
- Ease of training – same interface for both 12.7 mm and 40 mm

#### RN-600 WITH 12.7 MM HMG



#### RN-600 WITH 40 MM GMG



#### INTEGRATED WEAPONS

- Browning .50 cal M2HB
- Browning .50 cal M2A1
- FN M2HB
- FN M2HB-QCB
- H & K GMG B, C, D and E
- MK19 Mod 3
- MK47 (with adapter)
- MG5 (with adapter)
- MAG58 (with adapter)
- MINIMI (with adapter)

#### RN-600 WITH 12.7 MM HMG



## ACCESSORIES – RN-600

### RN-600 Ammobox Carrier

The Ammunition Box Carrier for RN-600 is designed for the PA120 ammunition box for 40 mm (32 rounds) and the M2A1 ammunition box for 12.7 mm (100 rounds). Only 4 nuts and bolts to be loosen and tightened to switch between the boxes. The carrier can be mounted, without tools, on two different positions on the RN-600 to align with the different weapon's feeding mechanism.



### Trigger for MK19 and M2

A back trigger suitable for both MK19 and M2. Consists of handles, trigger and a mechanical safety switch. The safety switch is marked with "S" for safe and "F" for fire.



### Sight Adaption Kit (SAK) for MK19 and M2

A sight adaptation kit (or sight bridge) mounted directly onto a MK19 or a M2 with 3 different NATO accessory rails.



### Trigger and Sight Adaption Kit (SAK) for GMG

A trigger and sight adaptation kit (or sight bridge) suitable for H & K GMG. Consists of handles, trigger, and 3 different NATO accessory rails. A mechanical safety switch can be included.



### Cartridge Collector for M2 and MK19

A chute and a bag mounted below the RN-600 to collect spent M2 and MK19 cartridges. The cartridge collector kit is designed for approximately 200 rounds of 12.7 or 32 rounds of 40 mm. Installed, removed and emptied without tools.



### Link Collector M2 and Cartridge Collector GMG

A bag mounted on the right side of the RN-600 to collect M2 links or H&K GMG cartridges. The link and cartridge collector kit is designed for a large number of 12.7 mm links or 32 rounds of 40 mm. Installed, removed and emptied without tools.



### M2 Link Chute

The M2 link chute is attached (without the use of tools) to the M2 to ensure the links are guided away from the mount. This to avoid any obstructions or malfunctions.



### Vingmate Installation kit for RN-600

The components in the RN-600 Installation Kit prepare the RN-600 for the Vingmate FCS. The kit comes in several different variants depending on whether airburst ammunition shall be used or not and the type of weapon. The kit consists of the following:

- Keypad Control Unit (KCU) Bracket
- Airburst Programming Unit (APU) Bracket
- Cable Mounting Kit



### Transport Lock RN-600

The transport lock is a quick-release lock that locks the RN-600 to the platform when not in use. It can be delivered with a rubber cylinder that dampens vibrations and stress on the lock in a tough dynamic environment.



**Rheinmetall Nordic AS**

Steinklossveien 14

3133 Duken

Norway

[www.rheinmetall.no](http://www.rheinmetall.no)