



deFNder® Medium



FN HERSTAL

deFNder® Medium

Taking advantage of its long-standing firearms expertise, FN Herstal designed and developed a complete family of remote weapon stations called deFNder® in order to meet today's operational requirements. deFNder® Remote Weapon Stations provide optimized remote firing capability while keeping the operator completely under armor protection.

The deFNder® Medium is the medium weight remote weapon station of FN RWS family. It can integrate all FN Herstal machine guns up to .50 caliber, including the unique FN M3R™ machine gun with high firing rate of 1,100 RPM. Additionally, the deFNder® Medium is capable of extended elevation and depression operation angles.

The deFNder® Medium is therefore well suited for:

- self-defense, infantry fire support and combat missions - also in urban environment - when mounted onto light, medium or heavy vehicles
- turret onto turret applications
- border control or critical infrastructure protection missions.



Sight module:
customer choice

Aluminum
weapon mount

Operator console



CCD + IR uncooled



CCD + IR uncooled



CCD + IR cooled



Control handle:
customer choice



Game pad



One-hand



Mounted RWS

- Designed to be mounted onto any type of vehicles
- Compatible with various applications

Remote Weapon Station

Armament module:

customer choice

Ammo box:

- customer choice
- up to 500 rounds of 12.7x99mm NATO
 - up to 1,000 rounds of 7.62x51mm NATO



FN MINIMI® 5.56 Mk3 or earlier models
5.56x45mm (M249)



FN MINIMI® 7.62 Mk3 or earlier models
7.62x51mm (Mk48)



FN MAG®
7.62x51mm (M240)



FN M2HB-QCB™
12.7x99mm (.50 cal)



FN M3R™
12.7x99mm (.50 cal)

This machine gun is an FN Herstal exclusivity and offers a high firing rate (1,100 RPM).



Dismounted Roles

Critical infrastructure protection, such as military compounds, nuclear facilities, embassies, oil refineries and borders.



roles

be easily integrated
of new or existing

with turret onto turret



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deFNder® Medium



deFNder® Medium
equipped with FN M3R™
- Maximum elevation angle: +70°
- Maximum depression angle: -40°



FN HERSTAL

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BNP PARIBAS FORTIS BANK : IBAN : BE40 2400 0440 0063
BIC : GEBABEBTFO



Technical Data

| | |
|---|---|
| Compatible weapons: | FN MINIMI® 5.56 (M249), FN MINIMI® 7.62 (MK48), FN MAG® (M240), FN M2HB-GCB™, FN M3R™, and 40mm AGL |
| Soft recoil cradle: | Optimized firing performance and reduced level of shocks and vibrations |
| Traverse angle: | Nx360° |
| Elevation angle: | +73°; -42° depending on weapon type |
| Max traverse speed: | 90°/s |
| Max elevation speed: | 60°/s |
| Min controlled elevation and traverse speed: | 0.5 mrad/s |
| Above deck height: | Less than 630mm |
| Above deck weight: | Less than 120 kg, excluding weapon and ammunition |
| Power supply: | 18-32 VDC MIL-STD 1275 |
| Display unit: | 1024x768 pixels LCD color screen |
| Day and night sight | |
| Round counter | |
| Selectable burst length | |
| Built In Test (BIT) | |

Main options

- IR thermal cooled camera
- Add-on modular ballistic protection (STANAG 4569 Level 1 or level 2)
- Higher ammunition box capacity up to 500 rounds of .50 cal or 1,000 rounds of 7.62x51mm
- Smoke grenade launcher kits
- Interface with various sensors (e.g. SADLS, LWR)
- Two-axis gyroscopic stabilization
- Weapon protective cover
- Target tracking
- Image stabilization

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