



# SCHMEISSER

Preliminary Release Memo 2010

## 7.62 mm Schmeisser Germany S3 Infantry Weapons Line



### **S3 Series : Carbine, Assault Rifle, Designated Marksman Precision Rifle**

The S3 is a state of the art closed-bolt firing infantry weapon series capable of semi-automatic and fully automatic fire, taking heir to the combat proven G3 7,62x51mm Battle Rifle still used by more than 20 States around the globe, bringing it into the 21th century.

It is available in three versions: The S3A3 Assault Rifle with a fixed stock and the S3A4 Carbine equipped with a 5 position collapsible stock and the heavy barreled S3DMR Designated Marksman Precision / Sniper Rifle (shown), all also offered as a factory refurbish service for existing weapons.

The roller-delayed blowback action, the advanced recoil-buffer unit as well as the weapon's straight line construction contribute to excellent accuracy, low felt recoil and minimum muzzle climb, especially in fully automatic controlled burst fire, while guaranteeing highest reliability even under the most adverse conditions.

An automatic ejection port dust cover, a bolt forward assist plunger with integrated shell deflector and a sliding cocking handle slot dustcover ensure reliable functioning from high dust and sand environments to arctic battlefield scenarios.

The state of the art laser welded full length picatinny mounting profile top rail with integrated range adjustable open sights as well as the removable aluminium triple rail handguard offer a multitude of mounting spots for todays choice of optical sights, tactical lights, lasers and underbarrel grenade launchers to significantly increase the soldiers combat value.

Fully ambidextrous fire controls and a best quality trigger action further enhance its utility.



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**Shown: S3 DMR 7,62x51mm Sniper System with bipod and silencer**



**The barrel is cold-hammer forged, all metal components are made of special anti-corrosion treated steel, while the ergonomic pistol grip and butt stock are made of advanced high-strength carbon fiber reinforced polymer, assuring a long and trouble free service life.**

**A lightweight bipod, which provides increased stability for prone fire, a silencer as well as a brass catcher assembly can be attached and removed in an instant, custom tailoring the gun to the task at hand.**

**The rifle is easily and most rapidly field-stripped and completely disassembled into its main components for cleaning and field servicing without any tools.**

**High accuracy and best reliability, simplicity of operation and maintenance, easy training on a common weapons platform and lightweight yet rugged construction make this weapons family ideal for the demanding armed forces users of today, assuring a global operations capability.**

**Available Schmeisser S3 System components, fully interchangeable between models:**

**3-position carrying sling, complete cleaning kit, blank firing attachment, bayonet, quick detach silencer, brass catcher, bipod, rifle grenade launching adapter and an 40x46mm underbarrel Grenade Launcher .**

**Versatility – Your request, our solution !**

**The most flexible R&D department of Schmeisser GmbH enables our clients to find optimum solutions for their specific needs as fast as possible.**

**Our teutonic approach to precision manufacturing guarantees best accuracy and most reliable function when it counts the most – a gun to stake your life and mission on.**



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**Accurate long range target interdiction capability from an easily portable individual soldier system**



## **Military Tested:**

**A meanwhile even improved upon predecessor of the actual S3 DMR 7,62mm precision rifle was successfully tested 2008 by the German Authorities at the German Armed Forces Central Testing Facility in Meppen, outshooting the in-service fielded, bolt action G22 Dedicated Sniper Rifle with standard ball ammunition accuracy wise by a significant margin. (Accuracy Int. - Arctic Warfare)**

## **Pictures show:**

**S3 DMR-A model build to customer special order without open sights, medium contour match grade barrel, fully adjustable buttstock, S&B PM2 sniper scope with illuminated reticle in quick detach mount, quick detach bipod and silencer, brass catcher (not shown), double magazine clip, 6x20rd magazines, field cleaning kit, sling, all assembled in reinforced plastic transit/drop case.**

## **Please note :**

**Due to patent proceedings no details of S3A3/A4 models will be shown until approx. October 2010  
Data subject to change without notice**



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## TECHNICAL DATA    Schmeisser S3 Series

**Method of operation:** Roller delayed blowback

**Type of fire:** Semi/Fully automatic

**Feed Device:** 20-round box magazine as standard, others available

**Caliber:** 7.62 mm (7.62 mm X 51 NATO ammunition) / Civilian .308 Winchester

**Barrel Options:** Rate of Twist / Chrome Plated per customers request

### **Sights Mechanical:**

Frontsight: Fixed hooded post

Rearsight: Drum type with v-notch for 100m and apertures for 200, 300 ,400m.(1000m on DMR)

Adjustable for windage and elevation, Options: Tritium night sights

Sight radius; 520-575 mm, depending on model

### **Optical:**

Day / Night / Optoelectronic per customers specifications, quick detachable to mount on full length top rail with NATO Standard Picatinny Profile

**Muzzle velocity:** 760-800 m/s

**Muzzle energy:** 2700-3600 J

**Rate of fire (cyclic):** Approx. 600 rounds/min

**Effective range:** 800 m

### **Weights:**

S3A3 without magazine: 4.45 kg

S3A4 without magazine: 4.65 kg

S3DMR without magazine 5,30 kg

Empty magazine: 0.24 kg

### **Lengths**

S3 DMR, 1070 mm

S3A3/A4, stock extended: 970 mm

S3A4, stock fully retracted: 790 mm

Barrel: 400 mm, S3DMR 460mm

### **Spare Parts**

95% parts interchangeability with world wide available G3 Rifle parts from a multitude of source