



.585 Van Horn built on a Granite Mountain Arms action by Ryan Breeding.

them controllable. For hunting purposes, the owner of a .585 Nyati should consider keeping his velocities below 2300 feet per second or follow up shots will be slow.

The author has used the .585 Nyati on elephant and buffalo with satisfactory results. Both were heart/lung shots at under 25 yards, and in each case the game traveled less than 20 yards before collapsing. The buffalo was spooked before being shot, but his adrenaline was no match for a 750 grain solid moving at 2250 feet per second. The recoil is violent and always surprising. I can shoot 10-14 shots of .585 Nyati in a day, but only if I take Tylenol before going to the shooting range.

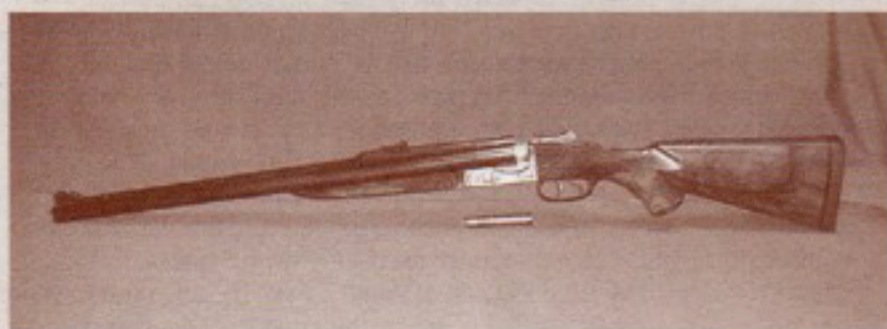
At present I know of no factory rifles in .585 Nyati nor are there likely to ever be any. Rifles in this cartridge are strictly a custom affair, and ammunition should only be loaded by the advanced reloader. Although the .585 Nyati is a very effective and fun cartridge, it is not very practical. Brass can be of inconsistent quality and/or in short supply. Only big bore experts are likely to get a rifle in this cartridge to feed properly, and the labour cost of doing so will be significant.

Example loads:

Cartridge	Powder	Primer	Bullet	Velocity
1 585 Nyati 2.8"	130.0 grains Reloader 15	F215	750 grain TCCI solid	2250 f.p.s.
2 585 Nyati 2.8"	120.0 grains IMR4350	F215	750 Woodleigh	2050 f.p.s.
3 585 Nyati 2.8"	90.0 grains H4831	F215	1200 grain cast	1300 f.p.s.

Notes

- 1 This is the author's recoil limit.
- 2 Approximates .577 Nitro Express factory load.
- 3 Low recoil practice load.



.577 Nitro Express double rifle by B. Searcy & Co. Searcy rifles combine traditional design, state of the art manufacturing technology, and attention to fine detail to provide the customer with excellent dangerous game rifles at reasonable prices.

The .577 Tyrannosaur

In the days that the British ruled most of huntable Africa, the magic velocity for dangerous game hunting was considered to be 2150 feet per second. During the past 30 years the game has changed, however, and sportsmen demand ever more from their rifles. Now in order to assure adequate penetration from every angle, the conventional wisdom is that a cartridge should generate 2400 feet per second.

The .577 Tyrannosaur is a modern day attempt to blend the giant .585 diameter 750 grain bullets of the .577 Nitro Express with the magic velocity of 2400 feet per second. The result is a brutish rifle that is nearly uncontrollable. Another consideration is that monolithic solids should be used in this cartridge because bullets of a convention design meant for .577 Nitro Express velocities will likely rivet or break apart at .577 Tyrannosaur velocities. One Norwegian hunter shot an elephant in the spine using a .577 Tyrannosaur loaded with Woodleigh 750 grain solids. The Woodleigh riveted and fishtailed, as it had been pushed beyond its design criteria.

For the sportsman interested in building a custom rifle for the .577 Tyrannosaur, only a magnum length (3.800") magazine box will suffice, thus ruling out model 70's and Mauser 98's. Further, the enormous diameter of the case rim (0.688") requires either a P14 Enfield bolt, or at least a 0.750" bolt body diameter. Magazine box and follower construction as well as rail and ramp modifications to the action will all be completely custom and should only be attempted by the most skilled big bore specialist. Brass and ammo for the .577 Tyrannosaur are even more expensive and harder to find than for the .577 NE. Although the .577 Tyrannosaur can be loaded down to reduce its horrendous recoil, the .585 Nyati would be a better choice for lower velocity loads since it burns less powder and therefore will produce less recoil. Factory rifles in .577 Tyrannosaur are available from the A-Square Company of Kentucky. Custom gunsmith Joe Smithson of Provo, Utah offers fine custom rifles in .577 Tyrannosaur based on the Granite Mountain action.

Example loads:

Cartridge	Powder	Primer	Bullet	Velocity
577 Tyrannosaur	170.0 grains	IMR4350	F215 750 solid	2480 f.p.s.

In the Third and final part we will consider the .600 and up.

WARNING - Hand loading is potentially dangerous - The loading data and methods contained in this article are offered as a reference only, and relates to an individual's weapon and experience. While it may be safe in that weapon, it may not be in others. Neither the author, nor Mag-set Publications (Pvt) Ltd. or their agents and/or representatives are responsible for the use or abuse of this data, or the consequences thereof.