

Loading Supplement Only

Suggested Black Powder
& Pyrodex® Loads
For The Thompson/Center

Black Mountain
M · A · G · N · U · M

Muzzleloading Rifle Only

Note: This Model is Out of Production.
For Reference Use Only.

Read and Understand
the booklet entitled,

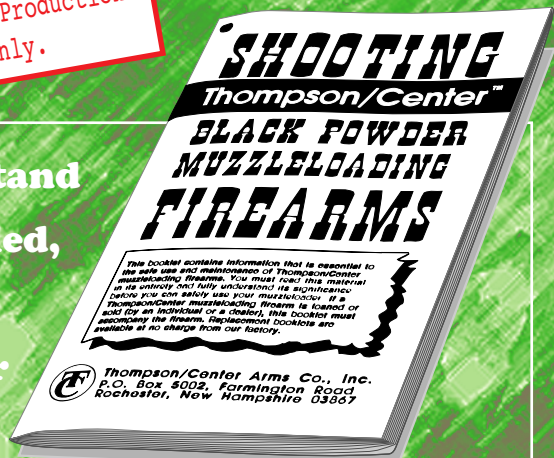
"Shooting

Thompson/Center

Black Powder

Muzzleloading Firearms,"

Before Using This Rifle





This pamphlet contains information that is essential to the safe loading of the Thompson/Center Black Mountain Magnum muzzleloader.

You must also read and understand the information contained in the booklet “Shooting Thompson/Center Black Powder Firearms” that came with your rifle. You must read this material in its entirety and fully understand its significance before you can safely use this rifle.

If a Thompson/Center muzzleloading firearm is loaned or sold (by an individual or a dealer), the booklet “Shooting Thompson/Center Muzzleloading Black Powder Firearms” must accompany the firearm. Replacement booklets are available at no charge from our factory.

If, after reading the literature that accompanied your muzzleloading firearm, you still have questions concerning the safe use of your Thompson/Center firearm, write or call our Customer Service Department at:

**Thompson/Center Arms Company, Inc.
P.O. Box 5002
Rochester, New Hampshire 03866
Telephone: 1-603-332-2333**

• And Remember •

**The National Rifle Association's
Fundamental Rules for Safe Gun Handling Are:**

- 1 - Always keep the gun pointed in a safe direction.**
- 2 - Always keep your finger off the trigger until ready to shoot.**
- 3 - Always keep the gun unloaded until ready to use.**

Suggested Loads For The Thompson/Center Black Mountain Magnum Muzzleloading Rifle Only

The following charts show recommended charges for Thompson/Center's Black Mountain Magnum Rifle Only. Charges are listed by caliber, and type of projectile.

Note that in each instance a series of charges are listed. More than one charge is shown in each category to clearly illustrate the safe loading range for the particular caliber and projectile.


→ **⚠ WARNING** ←

Maximum loads are not to be exceeded nor is a substitution of powder or granulations to be attempted! Only use loads that are listed for your particular caliber, model and bullet style. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY.

The shooter is instructed to start with the lightest charge listed. As you become familiar with the firearm, increase your charges gradually until you reach your best performing load (most accurate). Thompson/Center Arms is not responsible for loading information printed in sources other than this booklet.

NOTE: All loading data contained in this book is the result of testing by Thompson/Center Arms. Testing was done under carefully controlled conditions with the components specified in the text. 26 inch barrels were used to produce the data (unless otherwise specified).

Since Thompson/Center has no control over the components or equipment which may be used with this information, no responsibility is implied or assumed for the results obtained.



- WARNING -
Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

Suggested Black Powder and Pyrodex® Loads For The Black Mountain Magnum Rifle Only with .490" Diameter Patched Round Balls

For Use With .50 Caliber T/C Black Mountain Magnum Only Patches Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using Round Ball Loads	
.490" Diameter Lead Ball Weight (Grains)	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
175 Grain Lead Ball	50 grs. FFG	1357 F.P.S.	716 Ft. Lbs.
	60 grs. FFG	1434 F.P.S.	799 Ft. Lbs.
	70 grs. FFG	1643 F.P.S.	1050 Ft. Lbs.
	80 grs. FFG	1838 F.P.S.	1313 Ft. Lbs.
	90 grs. FFG	1950 F.P.S.	1478 Ft. Lbs.
	100 grs. FFG	2052 F.P.S.	1637 Ft. Lbs.
	110 grs. FFG	2135 F.P.S.	1772 Ft. Lbs.
Load Shown in Red is Maximum			



For Use With .50 Caliber T/C Black Mountain Magnum Only Patches Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using Round Ball Loads	
50 Grain Pyrodex® Pellet Loading Data			
.490" Diameter Lead Ball Weight (Grains)	Powder Charge (50 Gr. Pellet)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
175 Grain Lead Ball	1 Pellet	972 F.P.S.	367 Ft. Lbs.
	2 Pellets	1668 F.P.S.	1081 Ft. Lbs.
	3 Pellets	2072 F.P.S.	1669 Ft. Lbs.
Load Shown in Red is Maximum			

Suggested Black Powder and Pyrodex® Loads For The Black Mountain Magnum Rifle Only with .50 Cal. Maxi-Ball® & Maxi-Hunter® Bullets

For Use With .50 Caliber T/C Black Mountain Magnum Only Bullets Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using T/C .50 Caliber Maxi-Ball & Maxi-Hunter Loads	
For Use With .50 Cal. Lead Bullets	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
275 Grain Maxi Hunter® and 320 Grain Maxi-Ball® Lead Bullet	80 grs. FFG	1395 F.P.S.	1383 Ft. Lbs.
	90 grs. FFG	1455 F.P.S.	1504 Ft. Lbs.
	100 grs. FFG	1509 F.P.S.	1618 Ft. Lbs.
	110 grs. FFG	1570 F.P.S.	1751 Ft. Lbs.
	120 grs. FFG	1618 F.P.S.	1860 Ft. Lbs.
	130 grs. FFG	1663 F.P.S.	1965 Ft. Lbs.
	140 grs. FFG	1686 F.P.S.	2020 Ft. Lbs.
	150 grs. FFG	1723 F.P.S.	2109 Ft. Lbs.
350 Grain Maxi Hunter® and 370 Grain Maxi-Ball® Lead Bullet	80 grs. FFG	1327 F.P.S.	1447 Ft. Lbs.
	90 grs. FFG	1418 F.P.S.	1652 Ft. Lbs.
	100 grs. FFG	1465 F.P.S.	1764 Ft. Lbs.
	110 grs. FFG	1525 F.P.S.	1911 Ft. Lbs.
	120 grs. FFG	1533 F.P.S.	1931 Ft. Lbs.
	130 grs. FFG	1580 F.P.S.	2051 Ft. Lbs.
	140 grs. FFG	1609 F.P.S.	2127 Ft. Lbs.
	150 grs. FFG	1645 F.P.S.	2273 Ft. Lbs.
Load Shown in Red is Maximum			



Suggested Black Powder and Pyrodex® Loads For The Black Mountain Magnum Rifle Only with .50 Cal. Maxi-Ball® & Maxi-Hunter® Bullets

For Use With .50 Caliber T/C Black Mountain Magnum Only Bullets Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using T/C .50 Caliber Maxi-Ball & Maxi-Hunter Loads	
50 Grain Pyrodex® Pellet Loading Data			
For Use With .50 Cal. Lead Bullets	Powder Charge (50 Gr. Pellet)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
275 Gr. Maxi Hunter® & 320 Gr. Maxi-Ball®	2 Pellets	1694 F.P.S.	2039 Ft. Lbs.
	3 Pellets	1995 F.P.S.	2828 Ft. Lbs.
350 Gr. Maxi Hunter® & 370 Gr. Maxi-Ball®	2 Pellets	1634 F.P.S.	2194 Ft. Lbs.
	3 Pellets	1866 F.P.S.	2861 Ft. Lbs.
Load Shown in Red is Maximum			



Suggested Black Powder and Pyrodex® Loads For The Black Mountain Magnum Rifle Only with .530" Diameter Patched Round Balls

For Use With .54 Caliber T/C Black Mountain Magnum Only Patches Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.54 Caliber Rifle Using Round Ball Loads	
.530" Diameter Lead Ball Weight (Grains)	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
230 Grain Lead Ball	60 grs. FFG	1263 F.P.S.	815 Ft. Lbs.
	70 grs. FFG	1469 F.P.S.	1102 Ft. Lbs.
	80 grs. FFG	1654 F.P.S.	1397 Ft. Lbs.
	90 grs. FFG	1761 F.P.S.	1584 Ft. Lbs.
	100 grs. FFG	1855 F.P.S.	1758 Ft. Lbs.
	110 grs. FFG	1931 F.P.S.	1905 Ft. Lbs.
	120 grs. FFG	1983 F.P.S.	2009 Ft. Lbs.
Load Shown in Red is Maximum			



For Use With .54 Caliber T/C Black Mountain Magnum Only Patches Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.54 Caliber Rifle Using Round Ball Loads	
60 Grain Pyrodex® Pellet Loading Data			
.530" Diameter Lead Ball Weight (Grains)	Powder Charge (60 Gr. Pellet)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
230 Grain Lead Ball	1 Pellet	1002 F.P.S.	513 Ft. Lbs.
	2 Pellets	1632 F.P.S.	1361 Ft. Lbs.
Load Shown in Red is Maximum			

Suggested Black Powder and Pyrodex® Loads For The Black Mountain Magnum Rifle Only with .54 Cal. Maxi-Ball® & Maxi-Hunter® Bullets

For Use With .54 Caliber T/C Black Mountain Magnum Only Bullets Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.54 Caliber Rifle Using T/C .54 Caliber Maxi-Ball & Maxi-Hunter Loads	
For Use With .50 Cal. Lead Bullets	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
360 Grain Maxi Hunter® and 365 Grain Maxi-Ball® Lead Bullet	80 grs. FFG	1308 F.P.S.	1368 Ft. Lbs.
	90 grs. FFG	1375 F.P.S.	1511 Ft. Lbs.
	100 grs. FFG	1461 F.P.S.	1706 Ft. Lbs.
	110 grs. FFG	1506 F.P.S.	1813 Ft. Lbs.
	120 grs. FFG	1563 F.P.S.	1953 Ft. Lbs.
	130 grs. FFG	1611 F.P.S.	2075 Ft. Lbs.
	140 grs. FFG	1680 F.P.S.	2257 Ft. Lbs.
	150 grs. FFG	1697 F.P.S.	2303 Ft. Lbs.
430 Grain Maxi Hunter® and 435 Grain Maxi-Ball® Lead Bullet	80 grs. FFG	1188 F.P.S.	1363 Ft. Lbs.
	90 grs. FFG	1270 F.P.S.	1558 Ft. Lbs.
	100 grs. FFG	1319 F.P.S.	1680 Ft. Lbs.
	110 grs. FFG	1377 F.P.S.	1831 Ft. Lbs.
	120 grs. FFG	1425 F.P.S.	1962 Ft. Lbs.
	130 grs. FFG	1500 F.P.S.	2174 Ft. Lbs.
	140 grs. FFG	1530 F.P.S.	2262 Ft. Lbs.
	150 grs. FFG	1576 F.P.S.	2400 Ft. Lbs.
Load Shown in Red is Maximum			

Black Mountain
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For Use With .54 Caliber T/C Black Mountain Magnum Only Bullets Lubricated with Bore Butter Use Musket Cap or #11 Percussion Cap		.54 Caliber Rifle Using T/C .54 Caliber Maxi-Ball & Maxi-Hunter Loads	
60 Grain Pyrodex® Pellet Loading Data			
For Use With .54 Cal. Lead Bullets	Powder Charge (60 Gr. Pellet)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
360 Gr. Maxi Hunter® & 365 Gr. Maxi-Ball®	1 Pellet	1088 F.P.S.	960 Ft. Lbs.
	2 Pellets	1574 F.P.S.	2008 Ft. Lbs.
430 Gr. Maxi Hunter® & 435 Gr. Maxi-Ball®	1 Pellets	932 F.P.S.	839 Ft. Lbs.
	2 Pellets	1456 F.P.S.	2048 Ft. Lbs.
Load Shown in Red is Maximum			



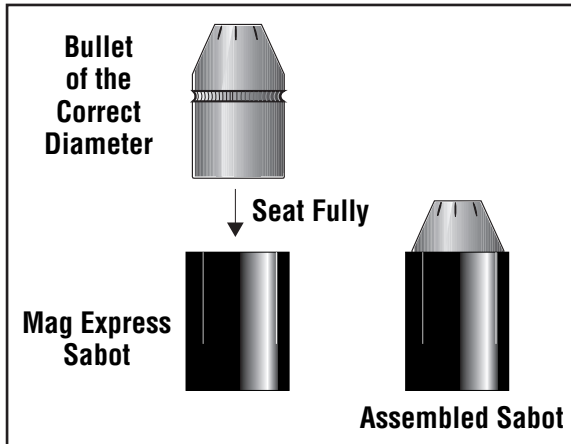
Assembly and Loading of T/C Mag Express™ Sabots

T/C Mag Express Sabots come in several variations for muzzleloading applications; some accept 44 caliber (.429" - .430" diameter) bullets and others accept 45 caliber (.451" - .452" diameter) bullets. In either case, insert the correct diameter projectile into the sabot and press firmly, making sure the bullet is fully seated.

→ **⚠ WARNING** ←

When loading T/C's Mag Express Sabots, make sure that your gun is unprimed, and that your Mag Express Sabot has been properly assembled. Failure to assemble and load your sabot correctly could result in the bullet disengaging from the sabot. This could result in an air space between the components. UNDER SUCH A CONDITION, ONE OR MORE OF THE COMPONENTS MAY ACT AS A BARREL OBSTRUCTION AND FIRING COULD RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY.

To properly assemble your T/C Mag Express Sabot, insert the projectile into the sabot and press firmly, making sure the bullet is fully seated. Use only bullets of the correct diameter.



→ **⚠ WARNING** ←

Use only bullets of the correct diameter that were designed for the sabots you are using. Using bullets of lesser diameter may cause the bullet to separate from the sabot resulting in a barrel obstruction. Using bullets of larger diameter could result in difficult loading, or a condition where the sabot is not seated all the way down on the powder charge, resulting in a barrel obstruction. EITHER CASE CAN RESULT IN A DAMAGED FIREARM AND POSSIBLE INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY.

Suggested Black Powder and Pyrodex® Loads For the Black Mountain Magnum .50 Cal. Rifle Only with Mag Express™ Sabots using .44 cal. bullets

For Use With .50 Caliber T/C Black Mountain Magnum Only Using Bullets of .429" - .430" Diameter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using T/C .44 Caliber Mag Express™ Sabot Loads	
For Use With .429" - .430" Bullets	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
200 Grain Bullet	80 grs. FFG	1634 F.P.S.	1186 Ft. Lbs.
	90 grs. FFG	1673 F.P.S.	1243 Ft. Lbs.
	100 grs. FFG	1730 F.P.S.	1329 Ft. Lbs.
	110 grs. FFG	1759 F.P.S.	1374 Ft. Lbs.
	120 grs. FFG	1809 F.P.S.	1454 Ft. Lbs.
	130 grs. FFG	1835 F.P.S.	1528 Ft. Lbs.
	140 grs. FFG	1911 F.P.S.	1622 Ft. Lbs.
	150 grs. FFG	1924 F.P.S.	1644 Ft. Lbs.
240 Grain Bullet	80 grs. FFG	1466 F.P.S.	1146 Ft. Lbs.
	90 grs. FFG	1606 F.P.S.	1375 Ft. Lbs.
	100 grs. FFG	1640 F.P.S.	1434 Ft. Lbs.
	110 grs. FFG	1686 F.P.S.	1515 Ft. Lbs.
	120 grs. FFG	1729 F.P.S.	1593 Ft. Lbs.
	130 grs. FFG	1770 F.P.S.	1669 Ft. Lbs.
	140 grs. FFG	1821 F.P.S.	1767 Ft. Lbs.
	150 grs. FFG	1846 F.P.S.	1816 Ft. Lbs.
275 Grain Bullet	80 grs. FFG	1445 F.P.S.	1275 Ft. Lbs.
	90 grs. FFG	1533 F.P.S.	1435 Ft. Lbs.
	100 grs. FFG	1590 F.P.S.	1544 Ft. Lbs.
	110 grs. FFG	1640 F.P.S.	1643 Ft. Lbs.
	120 grs. FFG	1687 F.P.S.	1738 Ft. Lbs.
	130 grs. FFG	1726 F.P.S.	1820 Ft. Lbs.
	140 grs. FFG	1762 F.P.S.	1896 Ft. Lbs.
	150 grs. FFG	1794 F.P.S.	1966 Ft. Lbs.
300 Grain Bullet	80 grs. FFG	1434 F.P.S.	1370 Ft. Lbs.
	90 grs. FFG	1512 F.P.S.	1523 Ft. Lbs.
	100 grs. FFG	1582 F.P.S.	1666 Ft. Lbs.
	110 grs. FFG	1619 F.P.S.	1747 Ft. Lbs.
	120 grs. FFG	1637 F.P.S.	1786 Ft. Lbs.
	130 grs. FFG	1661 F.P.S.	1838 Ft. Lbs.
	140 grs. FFG	1685 F.P.S.	1892 Ft. Lbs.
	150 grs. FFG	1726 F.P.S.	1985 Ft. Lbs.
Load Shown in Red is Maximum			

Suggested Black Powder and Pyrodex® Loads For the Black Mountain Magnum .50 Cal. Rifle Only with Mag Express™ Sabots using .44 cal. bullets

For Use With .50 Caliber T/C Black Mountain Magnum Only Using Bullets of .429" - .430" Diameter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using T/C .44 Caliber Mag Express™ Sabot Loads	
50 Grain Pyrodex® Pellet Loading Data			
For Use With .429" - .430" Bullets	Powder Charge 50 Grain Pellet(s)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
200 Grain Bullet	2 Pellets	2015 F.P.S.	1804 Ft. Lbs.
	3 Pellets	2258 F.P.S.	2265 Ft. Lbs.
240 Grain Bullet	2 Pellet	1868 F.P.S.	1860 Ft. Lbs.
	3 Pellets	2203 F.P.S.	2587 Ft. Lbs.
250 Grain Bullet	2 Pellet	1849 F.P.S.	1898 Ft. Lbs.
	3 Pellets	2182 F.P.S.	2644 Ft. Lbs.
275 Grain Bullet	2 Pellet	1740 F.P.S.	1849 Ft. Lbs.
	3 Pellets	2079 F.P.S.	2640 Ft. Lbs.
300 Grain Bullet	2 Pellet	1707 F.P.S.	1942 Ft. Lbs.
	3 Pellets	2021 F.P.S.	2721 Ft. Lbs.
Load Shown in Red is Maximum			



Suggested Black Powder and Pyrodex® Loads For the Black Mountain Magnum .50 Cal. Rifle Only with Mag Express™ Sabots using .45 cal. bullets

For Use With .50 Caliber T/C Black Mountain Magnum Only Using Bullets of .451" - .452" Diameter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using T/C .45 Caliber Mag Express™ Sabot Loads	
For Use With .451" - .452" Bullets	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
250 Grain Bullet	80 grs. FFG	1448 F.P.S.	1164 Ft. Lbs.
	90 grs. FFG	1592 F.P.S.	1407 Ft. Lbs.
	100 grs. FFG	1626 F.P.S.	1468 Ft. Lbs.
	110 grs. FFG	1671 F.P.S.	1550 Ft. Lbs.
	120 grs. FFG	1707 F.P.S.	1618 Ft. Lbs.
	130 grs. FFG	1758 F.P.S.	1716 Ft. Lbs.
	140 grs. FFG	1804 F.P.S.	1807 Ft. Lbs.
	150 grs. FFG	1835 F.P.S.	1870 Ft. Lbs.
Load Shown in Red is Maximum			

Suggested Black Powder and Pyrodex® Loads For the Black Mountain Magnum .50 Cal. Rifle Only with Mag Express™ Sabots using .45 cal. bullets

For Use With .50 Caliber T/C Black Mountain Magnum Only Using Bullets of .451" - .452" Diameter Use Musket Cap or #11 Percussion Cap		.50 Caliber Rifle Using T/C .45 Caliber Mag Express™ Sabot Loads	
50 Grain Pyrodex® Pellet Loading Data			
For Use With .451" - .452" Bullets	Charge 50 Gr. Pellets	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
250 Grain Bullet	2 Pellets	1849 F.P.S.	1898 Ft. Lbs.
	3 Pellets	2182 F.P.S.	2644 Ft. Lbs.
Load Shown in Red is Maximum			

Suggested Black Powder and Pyrodex® Loads For the Black Mountain Magnum .54 Cal. Rifle Only with Mag Express™ Sabots using .45 cal. bullets

For Use With .54 Caliber T/C Black Mountain Magnum Only Using Bullets of .451" - .452" Diameter Use Musket Cap or #11 Percussion Cap		.54 Caliber Rifle Using T/C .45 Caliber Mag Express™ Sabot Loads	
For Use With .451" - .452" Bullets	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
250 Grain Bullet	80 grs. FFG	1417 F.P.S.	1115 Ft. Lbs.
	90 grs. FFG	1466 F.P.S.	1193 Ft. Lbs.
	100 grs. FFG	1514 F.P.S.	1273 Ft. Lbs.
	110 grs. FFG	1611 F.P.S.	1441 Ft. Lbs.
	120 grs. FFG	1660 F.P.S.	1530 Ft. Lbs.
	130 grs. FFG	1717 F.P.S.	1637 Ft. Lbs.
	140 grs. FFG	1775 F.P.S.	1749 Ft. Lbs.
	150 grs. FFG	1832 F.P.S.	1864 Ft. Lbs.
Load Shown in Red is Maximum			



For Use With .54 Caliber T/C Black Mountain Magnum Only Using Bullets of .451" - .452" Diameter Use Musket Cap or #11 Percussion Cap		.54 Caliber Rifle Using T/C .45 Caliber Mag Express™ Sabot Loads	
60 Grain Pyrodex® Pellet Loading Data			
For Use With .451" - .452" Bullets	Charge 60 Gr. Pellets	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
250 Grain Bullet	1 Pellet	1037 F.P.S.	597 Ft. Lbs.
	2 Pellets	1796 F.P.S.	1791 Ft. Lbs.
Load Shown in Red is Maximum			

Black Mountain Magnum .50 Caliber Ballistics

Bullet	50 Grain Pyrodex® Pellets	Range in Yards	Impact from line of Sight	Velocity f.p.s	Energy ft./lbs.
350 Grain Maxi-Hunter® or 370 Grain Maxi-Ball® Lead Conical	2	0	-.8	1649	2235
	2	50	+1.9	1383	1572
	2	100	0.0	1176	1137
	2	150	-8.1	1041	891
	2	200	-21.8	951	743
350 Grain Maxi-Hunter® or 370 Grain Maxi-Ball® Lead Conical	3	0	-.8	1866	2861
	3	50	+1.5	1574	2036
	3	100	0.0	1326	1445
	3	150	-4.6	1142	1072
	3	200	-15.2	1016	848

Ballistics Using .50 Caliber Mag Express Sabots

240 Grain XTP™	2	0	-.8	1868	1860
	2	50	+1.1	1696	1532
	2	100	0.0	1539	1261
	2	150	-4.8	1399	1043
	2	200	-14.1	1276	867
240 Grain XTP™	3	0	-.8	2203	2587
	3	50	+7	2006	2143
	3	100	0.0	1830	1783
	3	150	-3.2	1660	1468
	3	200	-9.6	1507	1210
275 Grain XTP™	2	0	-.8	1740	1848
	2	50	+1.4	1571	1506
	2	100	0.0	1420	1232
	2	150	-5.7	1289	1014
	2	200	-16.6	1177	846
275 Grain XTP™	3	0	-.8	2079	2639
	3	50	+8	1887	2175
	3	100	0.0	1705	1775
	3	150	-3.8	1540	1447
	3	200	-11.4	1393	1185
300 Grain XTP™	2	0	-.8	1707	1942
	2	50	+1.4	1573	1649
	2	100	0.0	1452	1404
	2	150	-5.6	1343	1200
	2	200	-15.9	1244	1030
300 Grain XTP™	3	0	-.8	2010	2692
	3	50	+8	1862	2310
	3	100	0.0	1718	1965
	3	150	-3.8	1583	1669
	3	200	-11.1	1461	1421

Black Mountain Magnum .50 Caliber Ballistics Cont'd

Bullet	50 Grain Pyrodex® Pellets	Range in Yards	Impact from line of Sight	Velocity f.p.s	Energy ft./lbs.
250 Grain PTX™	2	0	-.8	1849	1898
	2	50	+1.2	1629	1472
	2	100	0.0	1437	1145
	2	150	-5.5	1273	899
	2	200	-16.4	1144	727
250 Grain PTX™	3	0	-.8	2182	2643
	3	50	+.8	1934	2077
	3	100	0.0	1707	1617
	3	150	-3.7	1504	1255
	3	200	-11.5	1330	982

Black Mountain Magnum .54 Cal. Mag Express Sabot Ballistics

Bullet	Black Powder Charge	Range in Yards	Impact from line of Sight	Velocity f.p.s	Energy ft./lbs.
250 Grain PTX™ Bullet	100 grs. FFG	0	-.8	1514	1273
	100 grs. FFG	50	+2.0	1339	995
	100 grs. FFG	100	0.0	1192	789
	100 grs. FFG	150	-8.1	1090	660
	100 grs. FFG	200	-23.5	1017	574
250 Grain PTX™ Bullet	150 grs. FFG	0	-.8	1832	1864
	150 grs. FFG	50	+1.3	1614	1445
	150 grs. FFG	100	0.0	1424	1125
	150 grs. FFG	150	-5.6	1262	884
	150 grs. FFG	200	-16.7	1137	717

Notes

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Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Loads For The Black Mountain Magnum Muzzleloading Rifle Only

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**Loading Supplement Part No.00052163
09/2005**