500 S&W Magnum

Test Specifications:

Firearm Used: Universal

Barrel Length: 10.7"

Twist: 1-18"

Components:

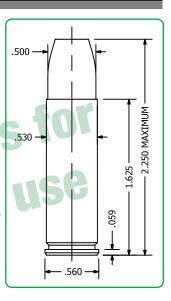
Case: Starline

Trim-to Length: 1.615"

Primer: WLR

Remarks:

The monstrous .500 Smith & Wesson (S&W) made its debut at the 2003 S.H.O.T. Show. Taking the handgun world by storm, this seemed to be a handgun that everyone wanted. Shooters who had never owned a large caliber handgun were intrigued by it



and had to have one. The .454 Casull had been the king of the roost of commercially manufactured revolvers, but the .500 S&W made it look small in comparison. The .454 Casull case will just fall through the chambers on the massive .500. The cylinder measures over two and one guarter inches in length and about one and seven eighths of an inch in diameter. Recoil in the .500 ranges from not bad to violent. depending on the loading. Original factory loadings by Cor Bon for Smith and Wesson utilized a large pistol primer in Starline cases. Smith and Wesson / Cor Bon had Starline change to a large rifle primer (which uses a deeper primer pocket). To tell if your Starline cases are for the rifle primer, the head stamp will say .500 S&W R (for rifle). Hornady also makes brass for the .500 S&W, but they still use the large pistol primer. Sierra offers two cannelured bullets for it: A 350 grain Jacketed Hollow Point #5350 which is a good bullet when expansion is needed and a 400 grain Jacket Soft Point #5400 designed for deep penetration. Regardless of what game animal you want to hunt, this cannon is certainly capable of the job.



500 5&W Magnum

	Bullet Cal	iber We	ight Ty	/pe			C.O.A.L.
	#5350 .50	00" 350	Ogr. Jł	НP			2.060"
Powder ∨ Velocit	y > 1500	1600	1700	1800	1900	1950	2000
Tite Group	19.8	21.7					
Power Pistol			25.5	27.9			
Longshot		23.9	26.3				
Enforcer					43.5	45.2	46.8
A#9	11177			37.2	39.7		
H110		[44.4	46.2	47.9
IMR 4227	,		70	46.0	49.1		
A 5744				46.0	48.3	49.5	
A 1680			50.3	53.0	55.7		
CFE BLK		48.4	51.4	54.3			
Power Pro 300 MP					45.8	47.3	48.8
Energy Ft. Lbs	1748	1989	2246	2518	2805	2955	3108
Special Load	Powder	Gra	ins	Velocity	y fps	Energy I	Ft. Ib
Accuracy Load	Enforcer	46.	8	2000		3108	
Hunting Load	Enforcer	46.	8	2000		3108	



500 S&W Magnum

#5400 .500" 400gr. JSP 2.065" Powder ∨ Velocity > 1300 1400 1500 1600 1700 1800 1900 Tite Group 17.2 18.9 Power Pistol 20.8 22.8 24.9 N350 20.5 22.3 Longshot 19.5 21.4 23.2 25.1 2400 32.1 34.8 37.5 Enforcer 36.7 39.8 A#9 31.3 34.0 36.6 A 4100 36.7 40.3 NN38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273 Hunting Load Lil Gun 45.9 1900 3206		Bullet Calibe	r Weight T	уре	C	.O.A.L.
Tite Group Power Pistol 20.8 22.8 24.9 N350 20.5 22.3 Longshot 19.5 21.4 23.2 25.1 2400 32.1 34.8 37.5 Enforcer 36.7 39.8 A#9 31.3 34.0 36.6 A 4100 36.7 40.3 3N38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 CFE BLK Power Pro 300 MP Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Powder Pistol 24.9 1600 2273		#5400 .500"	400gr. J	SP		2.065"
Power Pistol 20.8 22.8 24.9 N350 20.5 22.3	Powder ∨ Velocity	y > 1300 1	400 1500	1600 170	0 1800	1900
N350	Tite Group	17.2 1	8.9	3 111		
Longshot 19.5 21.4 23.2 25.1 2400 32.1 34.8 37.5 Enforcer 36.7 39.8 A#9 31.3 34.0 36.6 A 4100 36.7 40.3 3N38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. Ib Accuracy Load Power Pistol 24.9 1600 2273	Power Pistol	2	0.8 22.8	24.9		
2400 32.1 34.8 37.5 Enforcer 36.7 39.8 A#9 31.3 34.0 36.6 A 4100 36.7 40.3 3N38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 CFE BLK Power Pro 300 MP Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	N350	20.5 2	2.3			
Enforcer A#9 31.3 34.0 36.6 A 4100 30.7 40.3 3N38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 A 1680 CFE BLK Power Pro 300 MP Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Powder Pistol 24.9 1600 2273	Longshot	19.5 2	1.4 23.2	25.1		
A#9 31.3 34.0 36.6 A 4100 36.7 40.3 3N38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	2400		32.1	34.8 37.5	5	
A 4100	Enforcer		101	36.7 39.8	3	
3N38 22.3 24.4 26.5 N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Power Pistol 24.9 1600 2273	A#9		31.3	34.0 36.6	3	
N110 34.2 36.9 Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	A 4100	1		36.7 40.3	3	
Lil Gun 41.6 45.9 H110 39.0 41.5 Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	3N38	22.3 2	4.4 26.5			
H110	N110			34.2 36.9	9	
Win 296 38.1 40.4 IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	Lil Gun				41.6	45.9
IMR 4227 41.2 43.9 A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	H110			39.0 41.5	5	
A 5744 43.7 46.2 A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Power Pistol 24.9 1600 2273	Win 296			38.1 40.4	1	
A 1680 52.1 55.0 CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	IMR 4227			41.2 43.9	9	
CFE BLK 48.8 51.7 Power Pro 300 MP 41.8 44.7 Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	A 5744			43.7	7 46.2	
Power Pro 300 MP Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	A 1680				52.1	55.0
Energy Ft. Lbs 1501 1741 1998 2273 2566 2877 3206 Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	CFE BLK		1	48.8 51.7	7	
Special Load Powder Grains Velocity fps Energy Ft. lb Accuracy Load Power Pistol 24.9 1600 2273	Power Pro 300 MP		T P	41.8	3 44.7	
Accuracy Load Power Pistol 24.9 1600 2273	Energy Ft. Lbs	1501 1	741 1998	2273 256	6 2877	3206
Accuracy Load Power Pistol 24.9 1600 2273				1		
	Special Load	Powder	Grains	Velocity fps	Energy Ft	i. Ib
Hunting Load Lil Gun 45.9 1900 3206	Accuracy Load	Power Pistol	24.9	1600	2273	
	Hunting Load	Lil Gun	45.9	1900	3206	