

SMITTYBILT

NEWS

CLASS: SB ISSUE: 30C MONTH/YEAR: AUGUST 2014 PRODUCT HIGHLIGHT: GEN2 WINCHES



NEW & IMPROVED
GEN2 WATERPROOF WINCHES
w/SERIES WOUND AMPHIBIOUS TECHNOLOGY

NEW & IMPROVED

GEN2 WATERPROOF WINCHES

w/SERIES WOUND AMPHIBIOUS TECHNOLOGY

The newest generation of Smittybilt X20 and XRC winches have been enhanced in almost every area for increased enhanced performance and durability. The new 6.6HP amphibious motor is connected to a 3-stage planetary gear system with revised gear ratios for increased pulling power and lightning fast line speed. The completely waterproof, state-of-the-art 500AMP solenoid has the versatility to be mounted in multiple locations depending on your application needs. Every winch is finished in a rugged UV resistant matte black coating with stainless steel hardware, oversized aluminum cross bars, a four way roller fairlead and a forged hook. You can count on Smittybilt winches to be there every time, in every situation.



The top-of-the-line X20 series features a new wireless remote control that can be wired directly to the winch or unplugged for trouble free wireless operation. For the highest performance available, check out the X20 COMP series, complete with all the features and benefits of the original series, except equipped with a stronger synthetic rope, Competition aluminum fairlead and Dynamic Braking System. This exclusive braking feature reduces drum temperatures by 66%, making it perfectly suited to operate all types of synthetic ropes. All X20 winches come with a Lifetime Mechanical Warranty and a 5-Year Electrical Warranty.



Ranging from 9,500lb – 17,500 lb, the workhorse XRC series is a complete recovery system with the muscle and reliability to bail you out of any situation. Every XRC system includes a heavy-duty magnetic remote control. The redesigned solenoid box can be mounted in three locations on the winch for maximum versatility. The XRC COMP Series comes complete with all the features and benefits of the original XRC series, except equipped with a stronger synthetic rope and a competition aluminum fairlead. All XRC winches come with a Lifetime Mechanical Warranty and a 3-Year Electrical Warranty.





GET THE ORIGINAL

WHAT KIND OF IMPROVEMENTS HAVE BEEN MADE?

Comparison chart below shows 9,500/10,000lb specs of a competitor's winch, Smittybilt's previous line of winches and the new and improved Smittybilt Gen2 XRC winch.

	Competitor's winch 9500 lbs	Smittybilt XRC 10 10000 lbs	NEW Smittybilt XRC Gen2 9.5 9500 lbs	
Warranty	Ltd Lifetime / 1 year	Ltd Lifetime / 1 year	Lifetime Mechanical 3 Year Electrical	▶ Extended Warranty for greater peace of mind
Waterproof Rating	N/A	N/A	IP67	▶ International Standard waterproof rating
Gear Reduction	212 : 1	218 : 1	161 : 1	▶ More power allows higher ratio/faster line speed
Cable Diameter	.375"	0.359"	0.313"	▶ Correctly designed cable saves weight
Line Speed <small>fpm @ 8000 lbs**</small>	8.6	7.38	9.4	▶ Faster line speeds mean less time winching and more time wheeling!
Motor Draw <small>@ 8000 lbs**</small>	300 Amps	425 Amps	380 Amps	▶ 37% more horsepower
Motor	4.8 HP	5.5 HP	6.6 HP	▶ More horsepower = More pulling power
Weight	95 lbs	94 lbs	78 lbs	▶ Less weight means less drag on the front end
				▶ Best priced winch

*Manufacturer Suggested Retail Price. Price may vary depending on vendor and location.

WHICH GEN2 WINCH DO I NEED?

	X20	X20 COMP	XRC	XRC COMP
Powerful 6.6 HP Motor	✓	✓	✓	✓
3-Stage Planetary Gear System	✓	✓	✓	✓
Upgraded Pulling Power*	✓	✓	✓	✓
Upgraded Line Speed*	✓	✓	✓	✓
Larger Clutch Lever*	✓	✓	✓	✓
Stainless Steel Hardware	✓	✓	✓	✓
Oversized Aluminum Crossbar	✓	✓	✓	✓
Wireless Remote Control	✓	✓		
Dynamic Braking System	✓	✓		
Fairlead	4-Way Roller	Competition Aluminum	4-Way Roller	Competition Aluminum
Cable/Rope Type	Steel Cable	Synthetic Rope	Steel Cable	Synthetic Rope
Solenoid Mounting Options	2	2	3	3
Waterproof Rating	IP68	IP68	IP67	IP67
Mechanical Warranty	Lifetime Warranty	Lifetime Warranty	Lifetime Warranty	Lifetime Warranty
Electrical Warranty	5 Year Warranty	5 Year Warranty	3 Year Warranty	3 Year Warranty
Sizes/Part Numbers	10k lbs. #97510	10k lbs. #98510	9.5k lbs. #97495	9.5k lbs. #98495
	12k lbs. #97512	12k lbs. #98512	12k lbs. #97412	12k lbs. #98412
	15.5k #97515	15.5k N/A	15.5k lbs. #97415	15.5k lbs. N/A
	17.5k lbs. #97517	17.5k lbs. N/A	17.5k lbs. #97417	17.5k lbs. N/A

*Compared to previous Smittybilt winches



GET THE ORIGINAL



X20 GEN2 WIRELESS

WATERPROOF WINCH

SERIES WOUND AMPHIBIOUS TECHNOLOGY

INTEGRATED REMOTE CAN BE USED WIRED OR WIRELESS

The new Gen2 series of Smittybilt X20 winches have been thoroughly updated with heavy-duty features for enhanced performance and comes standard with an integrated wireless remote. The new 6.6HP amphibious motor offers the highest torque in the industry and is connected to a 3-stage Planetary Gear System for increased pulling power and line speed.

All Gen2 X20 Winches come backed by a Lifetime Mechanical Warranty and a 5-Year Electrical Warranty.

The COMP Series difference

If you're after a winch equipped with a state-of-the-art synthetic rope, look to the X20 COMP Series for the ultimate in pulling power. Smittybilt's exclusive Dynamic Braking System reduces drum temperatures by 66%, making it perfectly suited to operate all types of synthetic ropes.

X20 COMP SERIES

DYNAMIC INDUCTIVE BRAKING SYSTEM

- Synthetic rope approved
- 66% less heat generated than traditional dynamic brake drums

	Ambient Temp.	Initial of Drum	Work Cycle	Final Temp.	Rise in Drum Temp.
X20 GEN 2	86°F	86°F	10 min	90°F	+ 4°F
Competitor	86°F	86°F	10 min	158°F	+ 72°F

SYNTHETIC WINCH ROPE

- 1/7th the weight of steel cable – no kinks, curls or wire splinters
- Minimal stretch – non rotational
- UV and abrasion resistant
- Specially coated to prevent slippage
- Includes protective sleeve to prevent overheating

COMPETITION ALUMINUM FAIRLEAD

- High-grade billet aluminum material
- Protects synthetic rope from excessive wear
- Reduces binding and friction caused by angled pulls and will not fray or tangle your synthetic winch rope



MULTIPLE SOLENOID MOUNTING POINTS



4-WAY ROLLER FAIRLEAD, STEEL ROPE AND HAMMER-FORGED HOOK



COMP SERIES ALUMINUM FAIRLEAD AND SYNTHETIC ROPE



OVERSIZED ALUMINUM CROSSBAR



REMOTE PLUG COVER



WIRE ISOLATOR



GET THE ORIGINAL

X2O GEN2 WIRELESS

WATERPROOF WINCH

SERIES WOUND AMPHIBIOUS TECHNOLOGY

		10,000 Lb features	12,000 Lb features	15,500 Lb features	17,500 Lb features
Waterproof		IP68 Rating	IP68 Rating	IP68 Rating	IP68 Rating
Rated Line Pull (Single)		10000 lbs (4535kgs)	12,000 lbs (5,454kgs)	15,500 lbs (7,045kgs)	17,500 lbs (7,954kgs)
Motor		6.6hp Series Wound	6.6hp Series Wound	6.6hp Series Wound	6.6hp Series Wound
Control Switch		Remote Switch, 12' (3.7m) lead	Remote Switch, 12' (3.7m) lead	Remote Switch, 12' (3.7m) lead	Remote Switch, 12' (3.7m) lead
Gear Train		3-Stage Planetary	3-Stage Planetary	3-Stage Planetary	3-Stage Planetary
Gear Ratio		218:1	265:1	430:1	430:1
Clutch		Sliding Ring Gear	Sliding Ring Gear	Sliding Ring Gear	Sliding Ring Gear
Brake		Automatic Out-Of-Drum	Automatic Out-Of-Drum	Automatic Out-Of-Drum	Automatic Out-Of-Drum
Drum Size		Diameter 2.5" (63.5mm)	Diameter 2.5" (63.5mm)	Diameter 3.45"(88.0mm)	Diameter 3.45"(88.0mm)
Length		10.0" (254mm)	10.0" (254mm)	10.0" (254mm)	10.0" (254mm)
Fairlead	X2O	4-Way Roller	4-Way Roller	4-Way Roller	4-Way Roller
	X2O COMP	Competition Aluminum	Competition Aluminum	n/a	n/a
Rope	X2O	Steel	Steel	Steel	Steel
	X2O COMP	Synthetic	Synthetic	n/a	n/a
Recommended Battery		650CCA Minimum for Winching	650CCA Minimum for Winching	650CCA Minimum for Winching	650CCA Minimum for Winching
Battery Leads		25mm2, 72"(1.83m)	25mm2, 72"(1.83m)	25mm2, 72"(1.83m)	25mm2, 72"(1.83m)
Finish		Textured Black	Textured Black	Textured Black	Textured Black
Weight		99.0 lbs (45.0Kgs)	99.0 lbs (45.0Kgs)	150.0 lbs (68.0Kgs)	150.0 lbs (68.0Kgs)
Mounting Bolt Pattern		10.0" x 4.50"	10.0" x 4.50"	10.0" x 4.50"	10.0" x 4.50"
Overall Dimensions		22.3" (L) x 5.4" (W) x 9.4" (H)	22.3" (L) x 5.4" (W) x 9.4" (H)	22.3" (L) x 7.5" (W) x 10.7" (H)	22.3" (L) x 7.5" (W) x 10.7" (H)
Cable Size		98.5' Length 3/8" Diameter	98.5' Length 3/8" Diameter	98.5' Length 7/16" Diameter	98.5' Length 1/2" Diameter
Mechanical Warranty		Lifetime Warranty	Lifetime Warranty	Lifetime Warranty	Lifetime Warranty
Electrical Warranty		5-Year Warranty	5-Year Warranty	5-Year Warranty	5-Year Warranty

Line Speed / AMP Draw (First Layer)

		10,000 Lb						12,000 Lb					15,500 Lb					17,500 Lb					
Line Pull	lbs	0	2000	4000	6000	8000	10000	0	3000	6000	9000	12000	0	4000	7500	11250	15500	0	6000	10000	12000	14000	17500
	kg	0	907	1814	2721	3628	4545	0	1363	2727	4090	5454	0	1814	3409	5113	7045	0	2721	4536	5454	6363	7937
Line Speed	ft/min	31.1	14.3	11.7	10.17	8.8	7.38	24.6	11.48	8.86	7.22	5.58	23.62	10.50	8.20	5.25	3.94	23.62	9.18	5.90	4.92	4.26	2.95
	m/min	9.5	4.3	3.5	3.2	2.7	2.25	7.5	3.5	2.7	2.2	1.7	7.2	3.2	2.5	1.6	1.2	7.2	2.8	1.8	1.5	1.3	0.9
Motor	Amps	76	150	220	270	320	380	70	138	218	260	330	71	152	239	332	422	71	200	300	350	395	450

Line Pull and Cable Capacity

		10,000 Lb				12,000 Lb				15,500 Lb				17,500 Lb			
Layers of cable		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Rated line pull, Per layer	lbs	10000	9100	8570	7950	12000	9530	7929	6770	15500	12060	10082	8662	17500	15225	13246	11524
	kg	4545	3915	3499	3215	5455	4332	3604	3077	7045	5482	4583	3937	7955	6920	6021	5238
Cumulative cable	ft	19.6	44.2	73.8	98.4	18	37	64	98	19.68	45.92	75.44	85.28	19.68	45.92	75.44	85.28
Capacity	m	6	13	22	30	5.4	11.4	19.4	30	6	14	23	26	6	14	23	26

Part Numbers

	10,000 Lb	12,000 Lb	15,500 Lb	17,500 Lb
X2O Series	#97510	#97512	#97515	#97517
X2O COMP Series	#98510	#98512	n/a	n/a



GET THE ORIGINAL



XRC GEN2

WATERPROOF WINCH

SERIES WOUND AMPHIBIOUS TECHNOLOGY

The new Gen2 series of Smittybilt XRC winches have been thoroughly updated with heavy-duty features for enhanced performance and durability. Ranging from 9,500–17,500 lb, the XRC winch is a complete recovery system with the muscle and reliability to bail you out of any situation. All Gen2 XRC Winches come backed by a Lifetime Mechanical Warranty and a 5-Year Electrical Warranty.

The COMP Series difference

If you're after a winch equipped with a state-of-the-art synthetic rope, look to the XRC COMP Series for the ultimate in pulling power.

Triple Mounting Options for the XRC Control Pack

Smittybilt understands winches are used for a large variety of applications and has introduced the industry's first Triple Mounting Solution for the control pack. You now have the option of moving the control pack to allow increased airflow to the radiator or gain easier access to the control plug.



SYNTHETIC WINCH ROPE

- 1/7th the weight of steel cable – no kinks, curls or wire splinters
- Minimal stretch – non rotational
- UV and abrasion resistant
- Specially coated to prevent slippage
- Includes protective sleeve to prevent overheating

COMPETITION ALUMINUM FAIRLEAD

- High-grade billet aluminum material
- Protects synthetic rope from excessive wear
- Reduces binding and friction caused by angled pulls and will not fray or tangle your synthetic winch rope



4-WAY ROLLER FAIRLEAD, STEEL ROPE AND HAMMER-FORGED HOOK



COMP SERIES ALUMINUM FAIRLEAD AND SYNTHETIC ROPE



HEAVY DUTY WIRED MAGNETIC REMOTE CONTROL



MAGNETIC REMOTE ATTACHES TO WINCH, VEHICLE OR ACCESSORIES



LARGER CLUTCH LEVER FOR EASE OF USE WITH GLOVES



GET THE ORIGINAL



		9,500 Lb features	12,000 Lb features	15,500 Lb features	17,500 Lb features
Waterproof		IP67 Rating	IP67 Rating	IP67 Rating	IP67 Rating
Rated Line Pull (Single)		9,500Lbs (4,309kgs)	12,000Lbs (5,454kgs)	15,500Lbs (7,045kgs)	17,500Lbs (7,954kgs)
Motor		6.6hp Series Wound	6.6hp Series Wound	6.6hp Series Wound	6.6hp Series Wound
Control Switch		Remote Switch, 12' (3.7m) lead	Remote Switch, 12' (3.7m) lead	Remote Switch, 12' (3.7m) lead	Remote Switch, 12' (3.7m) lead
Gear Train		3-Stage Planetary	3-Stage Planetary	3-Stage Planetary	4-Stage Planetary
Gear Ratio		161.28:1	193.2:1	397:1	330:1
Clutch		Sliding Ring Gear	Sliding Ring Gear	Sliding Ring Gear	Sliding Ring Gear
Brake		Automatic In-Drum	Automatic In-Drum	Automatic In-Drum	Automatic In-Drum
Drum Size		Diameter 2.5" (63.5mm)	Diameter 2.5" (63.5mm)	Diameter 3.45"(88.0mm)	Diameter 3.7"(94.0mm)
Length		10.0" (254mm)	10.0" (254mm)	10.0" (254mm)	10.0" (254mm)
Fairlead	XRC	4-Way Roller	4-Way Roller	4-Way Roller	4-Way Roller
	XRC COMP	Competition Aluminum	Competition Aluminum	n/a	n/a
Rope	XRC	Steel	Steel	Steel	Steel
	XRC COMP	Synthetic	Synthetic	n/a	n/a
Recommended Battery		650CCA Minimum for Winching	650CCA Minimum for Winching	650CCA Minimum for Winching	650CCA Minimum for Winching
Battery Leads		22mm2, 72"(1.83m)	22mm2, 72"(1.83m)1	25mm2, 72"(1.83m)1	22mm2, 72"(1.83m)1
Finish		Textured Black	Textured Black	Textured Black	Textured Black
Weight		78.0 lbs (35.0 k)	89.0Lbs (39.0 kgs)	124.0Lbs (56.5Kgs)	141Lbs (64 kgs)
Mounting Bolt Pattern		10.0" x 4.5"	10.0" x 4.50"	10.0" x 4.50"	10.0" x 4.50" and 10.0" x 6.5"
Overall Dimensions		20.88" (L) x 6.3" (W) x 7.4" (H)	21.2" (L) x 6.4" (W) x 7.8" (H)	23.5" (L) x 8.4" (W) x 10.7" (H)	24.4" (L) x 8.4" (W) x 10.7" (H)
Cable Size		94' Length 5/16" Diameter	94' Length 3/8" Diameter	93.5' Length 25/64" Diameter	94' Length 7/16" Diameter
Mechanical Warranty		Lifetime Warranty	Lifetime Warranty	Lifetime Warranty	Lifetime Warranty
Electrical Warranty		3-Year Warranty	3-Year Warranty	3-Year Warranty	3-Year Warranty

Line Speed / AMP Draw (First Layer)

		9,500 Lb						12,000 Lb					15,500 Lb						17,500 Lb						
Line Pull	lbs	0	2000	4000	6000	8000	9500	0	3000	6000	9000	12000	0	3000	6000	9000	12000	15500	0	3000	6000	9000	12000	15500	17500
	kg	0	910	1814	2720	3625	4305	0	1360	2720	3625	5443	0	1360	2722	4080	5440	7024	0	1360	2720	4080	5440	6800	7931
Line Speed	ft/min	32.34	19.68	14.76	10.82	9.35	6.23	28.21	11.15	7.872	6.232	5.248	24.11	11.15	8.7	7.54	5.7	4.3	22.6	10.8	7.9	6.2	5.5	3.9	3.2
	m/min	9.86	6	4.5	3.3	2.85	1.9	8.6	3.4	2.4	1.9	1.6	7.35	3.4	2.65	2.3	1.74	1.4	6.9	3.3	2.4	1.9	1.6	1.2	0.99
Motor	Amps	80	165	240	320	380	435	65	163	244	315	400	70	165	240	310	375	445	75	140	210	270	330	390	435

Line Pull and Cable Capacity

		9,500 Lb				12,000 Lb				15,500 Lb				17,500 Lb			
Layers of cable		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Rated line pull, Per layer	lbs	9500	8435	7640	7086	12000	10270	9200	8800	15500	12968	10992	9630	17500	14583	12411	10822
	kg	4305	3822	3460	3212	5440	4654	4169	3790	7024	5877	4982	4364	7931	6920	5625	4905
Cumulative cable	ft	16	42	72	94	16	42	72	80	20.4	46	75	92	19.68	45.92	75.44	93.48
Capacity	m	5	12	21	28	5	12	21	24	6.2	14	23	28	6	14	23	28.5

Part Numbers

	10,000 Lb	12,000 Lb	15,500 Lb	17,500 Lb
XRC Series	#97495	#97412	#97415	#97417
XRC COMP Series	#98495	#98412	n/a	n/a