

# K-WINCH Wireline Unit Selection Guide



Winch Drum Weight Kg	Drum Series (width) mm	Basic Wireline Unit Information	Unit Type	Engine Capacity								Survey/Line	Base/Line	Light/Line	Fly/Line SD	Fly/Line DD	Slim/Line SD	Slim/Line DD	SlimSplit A SD	SlimSplit A DD	SlimSplit B SD	SlimSplit B DD	SlimSplit C SD	Un/Line SD	Un/Line DD	UniSplit A SD	UniSplit A DD	UniSplit B SD	UniSplit B DD	UniSplit C SD	UniSplit C DD	Multi/Line SD	Multi/Line DD	MultiSplit B SD	MultiSplit B DD	MultiSplit C SD	MultiSplit C DD	Data/Line SD	DataSplit C SD	Land/Line D SL	Land/Line D CH	Land/Line D OH	One/Truck SL	One/Truck CH	One/Truck OH	Data/Truck SL	Data/Truck CH	Data/Truck OH	Comb/Truck	Truck/Line C	Truck/Line D	Data/Grane	Estimated Weight of 7,620m (25,000ft) of Wireline Kg	Estimated Capacity of Wireline Lengths (may be longer than commercially available) Metres
				3 Cylinder Engine 38 kW	4 Cylinder Engine 54 kW	4 Cylinder Turbo Engine 81 kW	6 Cylinder Turbo Engine 129,5 kW	6 Cylinder Turbo Engine 176,5 kW	Power Take Off	700 Series Single Drum Mount	700 Series Double Drum Mount																																											

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Is the unit required for an offshore or onshore application, or both?		Offshore	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	
Is there a weight limitation, and if so how much is it? Note: All weights exclude drum(s), wire and truck chassis. All weights are minimum weights in kg	One Piece Design	X	X																																																				
	Two Piece Design			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Three Piece Design																																																						
	Modules connectable into a One Piece Design																																																						
	Winch / Cabin / Powerpack	1,125 <sup>4</sup>	1,200																																																				

<sup>1</sup> Short unit size. Also available in Long unit size.  
<sup>2</sup> Long unit size.  
<sup>3</sup> Long unit size. Also available in Extra Long unit size.  
<sup>4</sup> Also available in lightweight aluminium version; refer to data sheet page for specs.  
<sup>5</sup> Lightweight aluminium unit.  
<sup>6</sup> Note: Weights include drum(s), wire and truck chassis where applicable.  
<sup>7</sup> Including 20,000ft of 0.125" slickline wire.  
<sup>8</sup> Wet with accumulator bank removed. Wet with accumulator bank in frame = 1,800 kg (3,968).



NOV Elmar  
K-WINCH Winch Drums



		Drum Series (width)																				
		D3	D50	700				D51	700	1054				700	1054							
		D3	D50	SC05	SC06	SC08	Left <sup>1</sup>	Right <sup>1</sup>	BC06	D51	BC07	BC08	BC11 <sup>2</sup>	Left <sup>1</sup>	Right <sup>1</sup>	Left <sup>1</sup>	Right <sup>1</sup>	BC22	BC26			
						SC09								BC15		BC20 <sup>2</sup>						
Outside Diameter (mm)		457	600	450	600	700	600		700	728	850	1,016	1,400	1,016		1,400		1,016	1,400			
Inside Diameter (mm)		162	382	260	350	500	350		260	352	350	400	550	400		550		400	550			
Width Between Flanges (mm)		431	700	700	700	700	270	370	700	700	700	1,054	1,054	635	300	190	714	650	1,054			
Winch Drum Weight (Kg)		149	322	260	450	375	470		395	416	610	1,085	1,900	1,345		2,700		990	1,900			
Drum Mount	D3 Drum Mount	X																				
	D50 Drum Mount		X																			
	D51 Drum Mount								X													
	700 SD Series Single Drum Mount			X	X	X	X	X	X													
	700 DD Series Double Drum Mount			X	X	X	X	X	X													
	850 Series Double Drum Mount										X											
Wire Capacity (m)	0.092" Super Light Duty Slickline	10,973	17,983	15,185			12,492	9,116											265	584		
	0.108" Light Duty Slickline	7,925	13,106	10,957	19,644		9,028	6,588											375	827		
	0.125" Medium Duty Slickline		10,058		14,663	13,810	6,765	4,937											488	1,076		
	0.160" Heavy Duty Slickline					8,134													771	1,700		
	3/16" Light Duty Braided Line			3,506	6,473				11,551	9,144		57,396	57,396	21,698	10,115				968	2,134		
	7/32" Medium Duty Braided Line								8,351	7,620		26,153	41,492	15,775	7,334				1,265	2,789		
	1/4" Heavy Duty Braided Line								6,334	5,639		19,897	31,761	11,938	5,668			12,694	1,676	3,695		
	5/16" Super Heavy Duty Braided Line											12,714	20,195	7,609	3,564	4,269	16,520	7,958	24,450	2,629	5,796	
	9/32" Medium Duty Mono-Conductor Line										7,220							9,845		1,890	4,167	
	3/8" Heavy Duty Mono-Conductor Line										5,890							5,568		3,048	6,720	
	7/16" Light Duty Multi-Conductor Line												10,084			2,207	8,308		12,200		3,640	8,025
	15/32" Medium Duty Multi-Conductor Line												8,950			1,808	7,110		10,600		3,788	8,351
	17/32" Heavy Duty Multi-Conductor Line												6,992			1,530	5,682		8,520		5,013	11,052

Estimated Weight of 7.620m of Wireline	Estimated Weight of 25.000ft of Wireline
Kg	Lbs
265	584
375	827
488	1,076
771	1,700
968	2,134
1,265	2,789
1,676	3,695
2,629	5,796
1,890	4,167
3,048	6,720
3,640	8,025
3,788	8,351
5,013	11,052



WinchDrum SC06



WinchDrum BC06



BC15 Split WinchDrum



WinchDrum SC05



WinchDrum SC08



WinchDrum BC11  
Non-magnetic core drum



BC20 Split WinchDrum

<sup>1</sup> Viewed from operator console.  
<sup>2</sup> Non-Magnetic core drum.

Note: Wireline lengths are theoretical and may reflect wire lengths not commercially available. Weights include sprocket, exclude wire. Please contact Elmar for advice on winch drums for diameters or lengths not shown. Suitable transport boxes are available, please contact Elmar for further information.