



BOAT RAMP WINCH SELECTION GUIDE*

1











Select the Angle or the Gradient of your Boat Ramp or Slipway from the top row of the chart

2

Follow this column downwards until you arrive at the total weight of your Boat and Trailer/Trolley

3

See across to the left for the recommended Winch model for your requirements

 Recommended Boat Ramp Solution		Angle° or Gradient of Boat Ramp						
		5°	10°	12½°	15°	20°	25°	30°
		(1:12)	(1:6)	(1:4.5)	(1:3.75)	(1:2.75)	(1:2.1)	(1:1.7)
	JV-1020 200kg Line Pull	1400kg	800kg	700kg	500kg	400kg	330kg	220kg
	JV-1025 250kg Line Pull	1800kg	1000kg	900kg	700kg	500kg	430kg	300kg
	JV-1030 300kg Line Pull	2200kg	1200kg	1050kg	850kg	650kg	530kg	400kg
	JC-1050 500kg Line Pull	3800kg	2100kg	1850kg	1500kg	1100kg	940kg	750kg
	PU-1070 700kg Line Pull	5300kg	3000kg	2600kg	2100kg	1600kg	1350kg	1000kg
	PU-1120 1200kg Line Pull	9200kg	5200kg	4500kg	3700kg	2800kg	2300kg	1950kg
	PU-1200 2000kg Line Pull	15000kg	8800kg	7500kg	6200kg	4800kg	4000kg	3300kg
	HWA3500SS 1000kg Line Pull	7600kg	4300kg	3500kg	3000kg	2400kg	1900kg	1600kg
	HWA5000SS 1400kg Line Pull	10600kg	6020KG	5000kg	4200kg	3360kg	2660kg	2240KG

*All calculations are based on a rolling load travelling on a hard surface eg. concrete or steel tracks with suitable wheels or tyres. Recommendations may change in applications which are different to these operating conditions.