


CHALK LINE REELS

A LITTLE ABOUT CHALK LINE REELS

A chalk line is a very simple tool that performs an essential task: it provides a perfectly straight line that is temporary to almost permanent. The material cost to do this essential task is very reasonable. In fact, once you own the reel, it's almost free.

At Keson, we've taken the time to learn a lot about chalk line reels from end-users. As the only US manufacturer of chalk and chalk line reels, we are in a unique position to interact and respond with the people who build in and build up our communities. These builders have told us a lot about what's important in a chalk line reel, and what works and what doesn't. We continuously add to and improve our chalk and chalk line reels based on the feedback from end-users.

What's more, we offer suppliers the most complete Line Chalking Systems for your customers.

Size Class	Standard				Giant		
							
SKU	K1	P100	K3X	K3XPro	G100, G110 G150BOLD	G3X G3X150BOLD	G130, G150
Chalk Fill Closure	Slide Door	Grommet	BigMouth®	BigMouth®	BigMouth®	BigMouth®	BigMouth®
Line Structure	Twisted	Braided	Twisted	Braided	Braided	Braided	Braided
Line Material	Poly	Poly	Poly	Poly	Poly or Cotton	Poly	Poly or Cotton
Line Thickness	Standard	Bold	Standard	Precision	Giant Bold	Giant Bold	Giant
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CAPACITY The more chalk you can functionally put into a CLR, the more snaps you can get per fill up.

Standard: K1: 2 oz
P100, K3X, K3XPro: 3 to 3.5 oz

Giants: Little Giants: 12 - 16 oz
Giants: 24 - 27 oz

CHALK FILL CLOSURE All Keson CLR's use a BigMouth® Grommet (except the K1). Two advantages of a grommet: openings are round, just like the openings for chalk bottles, and the grommet is an easy open and securely close system. Slide doors are rectangular, and can accidentally slide open.

Rectangle Slide: K1
Small BigMouth®: K3X, K3XPro
BigMouth®: G100, G110, G150BOLD, G3X, G3X150BOLD, G130, G150

GEAR RATIO The higher the gear ratio, the faster you can reel in a chalk line. As chalk lines are pulled from the reel, and as they are retrieved, the string comes into contact with the chalk inside the reel. This is what coats it for the next strike. Go out or come in too fast, and you are missing the opportunity to fully coat your line. Also, too rapidly bringing in a line can cause jams and string twisting.

1X 100 feet in about 60 seconds
Rewind: 30 feet in about 15 seconds

3X 100 feet in about 25 seconds
Rewind: 30 feet in about 10 seconds

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LINE STRUCTURE How a string is put together determines how much chalk a line holds and how much chalk a line lays down. Strings of the same diameter and material perform differently based on their structure.

Twisted:

Economical
Picks up more chalk
Puts down more chalk
Stronger than braided

Braided:

Uses less chalk
Puts down less chalk
with less ghosting












LINE MATERIAL What a string is made of impacts how much chalk a line holds and how much chalk a line lays down. Strings of the same diameter and structure perform differently based on their material.

Natural (Cotton):

Picks up more chalk
Puts down more chalk
Will mildew and weaken
in damp environments

Synthetic (Poly):

Picks up less chalk
Puts down less chalk
Lasts longer, stronger,
more durable, and dampness does not affect

String Thickness	Precision <	Standard <	BOLD <	GIANT <
Width of snapped line	<0.99mm 	1.00-1.25mm 	1.26-2.00mm 	>2.00mm 
1X SKUS		K1	 P100, G150BOLD (formerly G140FL)	 G100, G110 G130, G150 G100C G150C
				
3X SKUS	K3XPro	K3X	G3X150BOLD	G3X