



109'

THE NEW STEEL LADDER

KME 109' Aerial vs. Competition - 11 Features of Comparison

Function	KME	Pierce Steel	Crimson	Rosenbauer	ALF	Smeal	Ferrara	E-One	Seagrave
Safety Factor	2.5:1	2:1	2:1	2:1	2:1	2:1	2:1	2.5:1	2:1
Vertical Height	109'	105'	103'	109'	105'	105'	107'	110'	100'
Horizontal Reach	100'	100'	96'	101'	94'	101'	101'	101'	91'
Negative Elevation	Minus 8°	Minus 5°	Minus 10°	Minus 10°	Minus 7°	Minus 7°	Minus 7°	Minus 5°	Minus 5°
Water Flow	1500 gpm	1000 gpm	1250 gpm	1000 gpm	1500 gpm	1250 gpm	1250 gpm	1000 gpm	1000 gpm
Vertical Monitor Range	165°	135°	135°	135°	135°	135°	135°	135°	135°
Tip Capacity - Dry	750#	750#	500#	500#	750#	500#	500#	250#	500#
Fly Section Width	23.5"	21.375"	23.00"	22.125"	21.75"	22.50"	22.50"	19.75"	21"
Fly Section Depth	21.75"	17.5"	19.00"	15.375"	18.00"	17.375"	17.375"	17.96"	15"
Ladder Material Yield	100,000 psi	70,000 psi	70,000 psi	70,000 psi	70,000 psi	70,000 psi	70,000 psi	40,000 psi	70,000 psi
Outrigger Spread	14'	16'	16'-18'	15'-6'	14'	16'-18'	16'-18'	11'	16'

