



103' AERIALCAT™ LADDER

KME 103' "Tuff Truck" Aerial vs. Competition - 11 Features of Comparison

Function	KME	Pierce Steel	Crimson	Rosenbauer	ALF	Smeal	Ferrara	E-One	Seagraves
Safety Factor	2.5:1	2:1	2:1	2:1	2:1	2:1	2:1	2.5:1	2:1
Vertical Height	103'	100'	103'	100'	100'	100"	102"	100'	100'
Horizontal Reach	94'	92'	95'	91'	90'	91'	100'	91'	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	1000 gpm	1000 gpm	1500 gpm	1250 gpm	1250 gpm	1000 gpm	1000 gpm
Vertical Monitor Range	165°	135°	135°	135°	165	135°	135°	135°	135°
Tip Capacity - Dry	500#	500#	500#	500#	500#	500#	500#	500#	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	12'	14'	16'-18'	15'-6'	12'	16-18'	16'-18'	12'	16'

