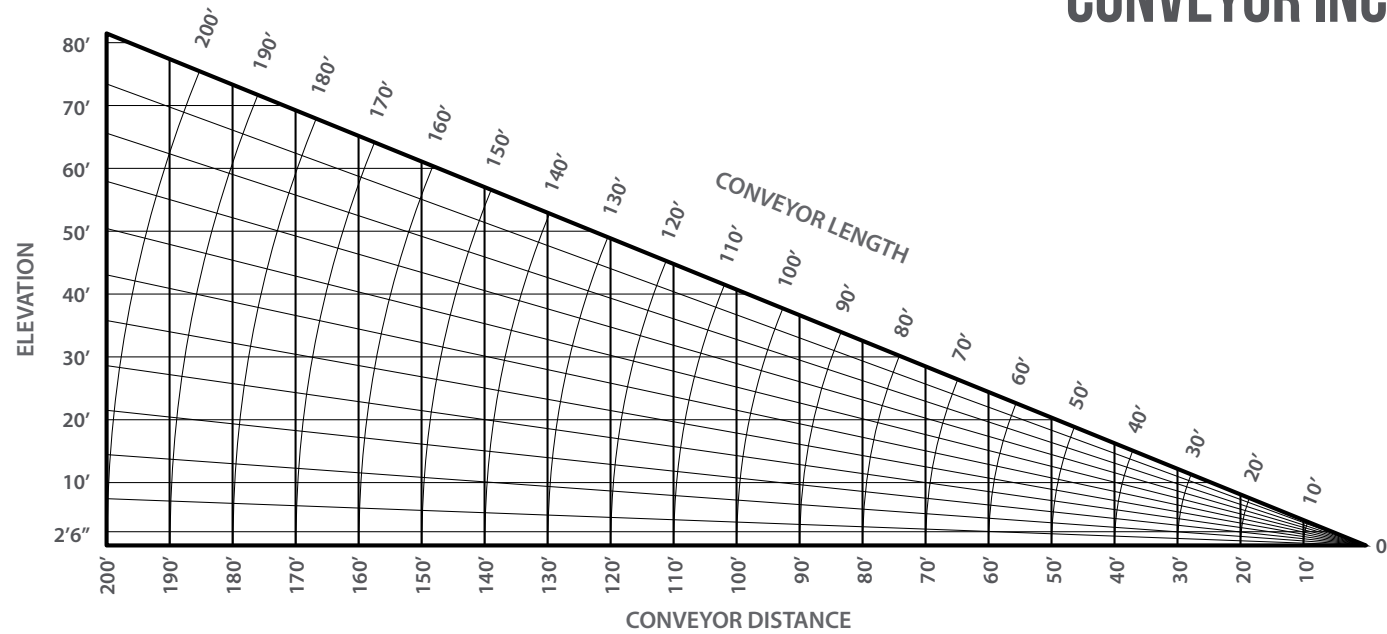


# CONVEYOR INCLINE CHART



## MAXIMUM BELT CAPACITIES - TPH (MT)

Based on 100 PCF (1.6 t/m<sup>3</sup>) material density. 100 FPM belt speed, 100% full belt

Trough Angle	Surcharge Angle	BELT WIDTH					
		18" (m)	24" (m)	30" (m)	36" (m)	42" (m)	48" (m)
20°	20°	50 (45)	96 (87)	157 (142)	230 (209)	320 (290)	430 (390)
	25°	56 (51)	108 (98)	175 (159)	260 (236)	360 (327)	480 (435)
	30°	63 (57)	120 (109)	195 (177)	290 (263)	400 (363)	530 (481)
35°	10°	-	102 (93)	167 (151)	248 (225)	344 (312)	457 (415)
	20°	-	122 (111)	200 (181)	295 (268)	408 (370)	540 (490)
	25°	-	132 (120)	215 (195)	318 (288)	442 (401)	645 (585)
	30°	-	142 (129)	232 (210)	343 (311)	475 (431)	630 (572)
45°	5°	-	106 (96)	175 (159)	258 (234)	358 (325)	475 (431)
	10°	-	115 (104)	187 (170)	278 (252)	386 (350)	510 (463)
	20°	-	132 (120)	215 (195)	318 (288)	440 (399)	584 (530)
	25°	-	140 (127)	230 (209)	340 (308)	470 (426)	623 (565)
	30°	-	170 (154)	244 (221)	360 (327)	500 (454)	660 (599)