

Weight & Measure Equivalentents

1,728	cubic inches = 1 cubic foot
46,656	cubic inches = 1 cubic yard
2,150	cubic inches = 1 bushel
7,056	cubic inches = 1 barrel
231	cubic inches = 1 gallon
144	cubic inches = 1 board-foot
27	cubic feet = 1 cubic yard
128	cubic feet = 1 cord
1.24	cubic feet = 1 bushel
4.08	cubic feet = 1 barrel
25.4	millimeters = 1 inch
0.9144	meter = 1 yard
0.454	kilogram = 1 pound
1.609	kilometer/hr = 1 mile per hour
0.90718	metric ton = 1 US ton
3.7851	liters = 1 US gallon

Dumping Angles

(Angles at which different materials will slide out of tipped body)

Material	Angle	Material	Angle
Ashes, dry	33 °	Earth, loose	28 °
Ashes, moist	36 °	Earth, compact	50 °
Ashes, wet	30 °	Garbage	30 °
Asphalt	45 °	Gravel	40 °
Brick	40 °	Ore, dry	30 °
Cinders, dry	33 °	Ore, fresh mined	37 °
Cinders, moist	34 °	Rubble	45 °
Cinders, wet	31 °	Sand, dry	35 °
Cinders & clay	30 °	Sand, moist	40 °
Clay	45 °	Sand & crushed stone	27 °
Coal, hard	24 °	Shingles	40 °
Coal, soft	30 °	Stone	30 °
Coke	23 °	Stone, broken	27 °
Concrete	30 °	Stone, crushed	30 °