

APPROXIMATE CUTTING RATES

| Material | Cutting Rate |
|--------------------------|----------------------------------|
| Concrete – 6 in (15 cm) | 5 lineal in/min (12 cm/min) |
| Red Brick – 6 in (15 cm) | 10 lineal in/min (25 cm/min) |
| Rebar – #4 (12 mm) | 10–20 seconds through each piece |

INCH-FOOT DEFINITION

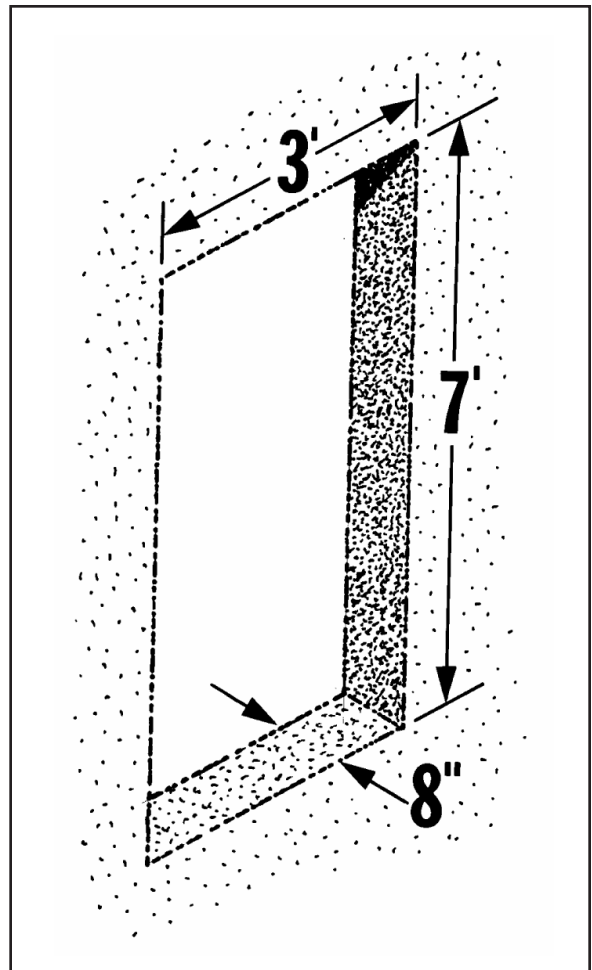
An in-ft is a measure of how much material is to be cut.

An in-ft is defined as: depth in inches times length in feet.

Note: 129 in-ft = 1 m²

Example: How many in-ft are in this doorway?

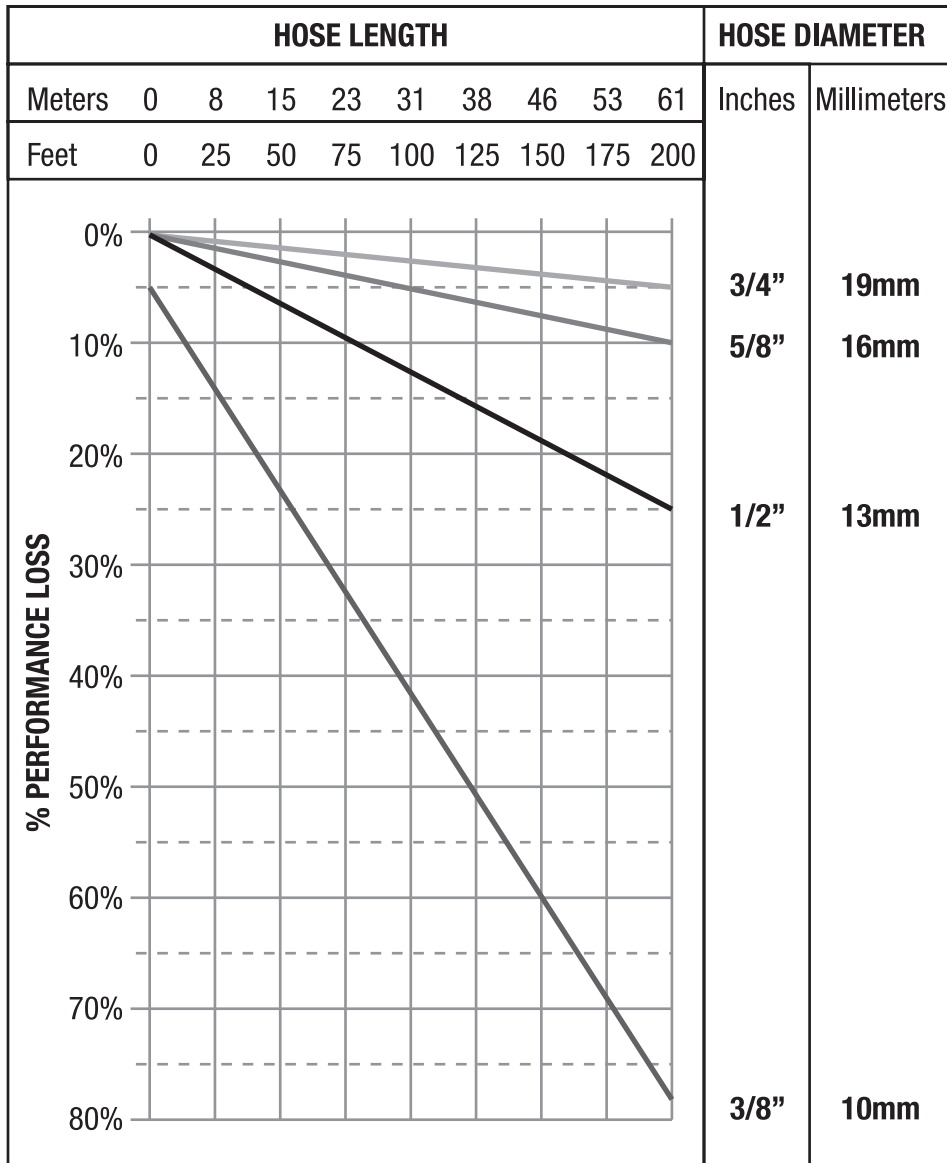
1. Determine the depth of the cut in inches.
For this example, 8 inches.
2. Determine the length of the cut in feet.
 $3+7+3+7=20$ feet
3. Multiply the two numbers
 $8 \text{ in} \times 20 \text{ ft} = 160 \text{ in-ft}$



PERFORMANCE LOSS VS. HYDRAULIC HOSE LENGTH

ASSUMPTIONS:

- 8 gpm (30 lpm) or 12 gpm (45 l/min) flow at 2,500 psi (172.5 bar)
- Zero elevation change
- 2 pairs of flush-face fittings per hose



853PRO OPERATOR'S MANUAL

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