

Cryo Tank Calculator

Tip: For laydown tanks, Full Inches means the Full Trycock inches when the tank is at "full."  
A-B-C measures cylinder diameter and length only — it does not measure Full Trycock height.

Tank Type:

Vertical Tank

Full Inches (Full Trycock at "full"):

0

Measure (A-B-C)

Use Measure (A-B-C) for cylinder size. This will not overwrite Full Trycock inches.

Full Capacity:

0

SCF

Enter the tank's rated capacity at "full."

Select Gas:

LIN (Nitrogen)

Start Inches:

0

End Inches:

0

Enter the change in Full Trycock inches (End – Start). Laydown inches are mapped via geometry using the cylinder diameter.

Timer (optional)

Use the timer and average flow to estimate transfer. You can also estimate the tank diameter from timer data.

Start Timer

Stop Timer

Elapsed: 00:00:00

Avg Flow

enter value

Estimate diameter from timer

Use timer as primary (ignore inches for total)

Toggle left = Gallons/min (default), right = Pounds/min.  
When "Use timer as primary" is on, total moved = (elapsed minutes × Flow) → converted to SCF by gas. Inches still show as a cross-check.

Calculate

Clear

→ Split

Enter values and tap Calculate.