

# Tools for Pipefitters, Sprinklerfitters, Steamfitters and Welders



## BUILT-IN PIPE DATA SAVES TIME!

Choose a Pipe Material, Type, and enter Size and get Diameters, Wall Thickness, Filled Weight/Foot, Internal Area and more.

## SEVEN DIFFERENT PIPE MATERIALS:

Steel, Stainless Steel, Brass, Aluminum, Cast Iron, Plastic, Copper

## SELECT PIPE MATERIAL AND TYPE, THEN ENTER SIZE AND INSTANTLY DISPLAY:

- Pipe outside diameter
- Pipe internal diameter
- Pipe wall thickness
- Pipe weight per foot
- Filled weight per foot
- Pipe internal area

**CALCULATED INDUSTRIES**  
Putting answers at your fingertips since 1978

# PIPE TRADES PRO™

## ADVANCED PIPE TRADES MATH CALCULATOR

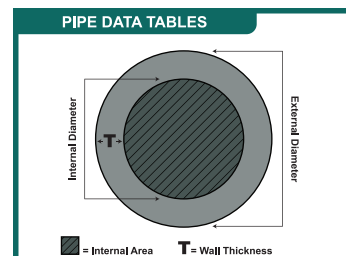
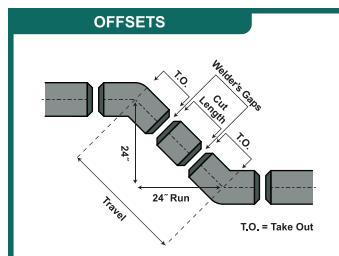
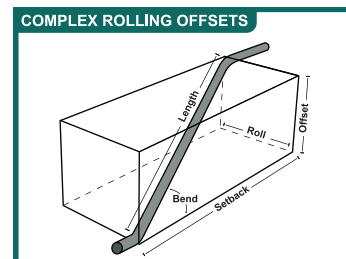
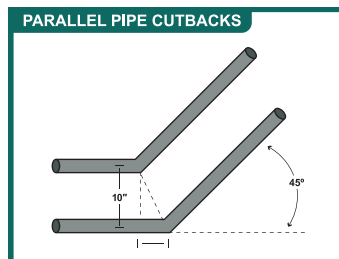
The **Pipe Trades Pro** is powerful, rugged and easy to use in the field, office or truck. It gives you instant answers for all your pipe layout and design problems, including complex rolling offsets, parallel pipe cutbacks, weight/volume conversions, flow rates, pressures, areas and more.

With the **Pipe Trades Pro** you'll spend less time calculating and looking at charts, and more time cutting, welding and placing pipe — reducing costly material waste and increasing your hourly productivity and profits on every job.

## BUILT-IN FUNCTIONS EASILY SOLVE FOR:

- Right Angles, Offsets and Complex Rolling Offsets
- Fitting Angles, Bends, Slopes, Percent Grades, Drops
- Feet-Inch-Fractions and Trigonometry
- Parallel Pipe Cutbacks
- Pipe Areas, Fill Weights
- Flow Rates, Velocity, Force, Volumes
- Pressure Loss for any Pipe Size, Type or Distance
- Complete Building, Plumbing and Metric Unit Conversions

## Fast, Accurate and Easy To Use!



The new **Pipe Trades Pro** will let you and your team spend less time consulting charts and books and more time setting pipes.

**Fast, Accurate Solutions For Pipe Trades Professionals**

# PIPE TRADES PRO™

ADVANCED PIPE TRADES MATH CALCULATOR

**Dedicated keys and functions save you time and money.**

**Cutbacks** — Calculate Pipe Cutback

**Offsets and Rolling Offsets** — Enters, calculates offset, rolling offset pipe length

**Angle/Slope** — Automatically calculate Angles, Percent Grade, Slope and Drop

**Trigonometric Functions** — Sine, Cosine, Tangent; Arcsine, Arccosine, Arctangent

**Flow** — Calculate volumetric flow rate through a Pipe. Convert between cubic feet per second, liters per second, cubic feet per minute, gallons per minute

**Velocity** — Solve for water Velocity and convert between feet per minute and meters per second

**Conv** — Perform unit conversions; access secondary functions

**Work in and Convert Flow Rates** — Cubic feet per minute/second, gallons per minute, liters per second

**Pipe Materials** — PVC, Copper, Steel, Stainless Steel, Brass, Aluminum or Cast Iron

**Pipe Type** — Determine Pipe Type/Thickness based on material setting

**Pipe Size** — Show OD, ID, Pipe Weight/FT, Filled Weight/FT for 1/8" to 42" dia. pipes

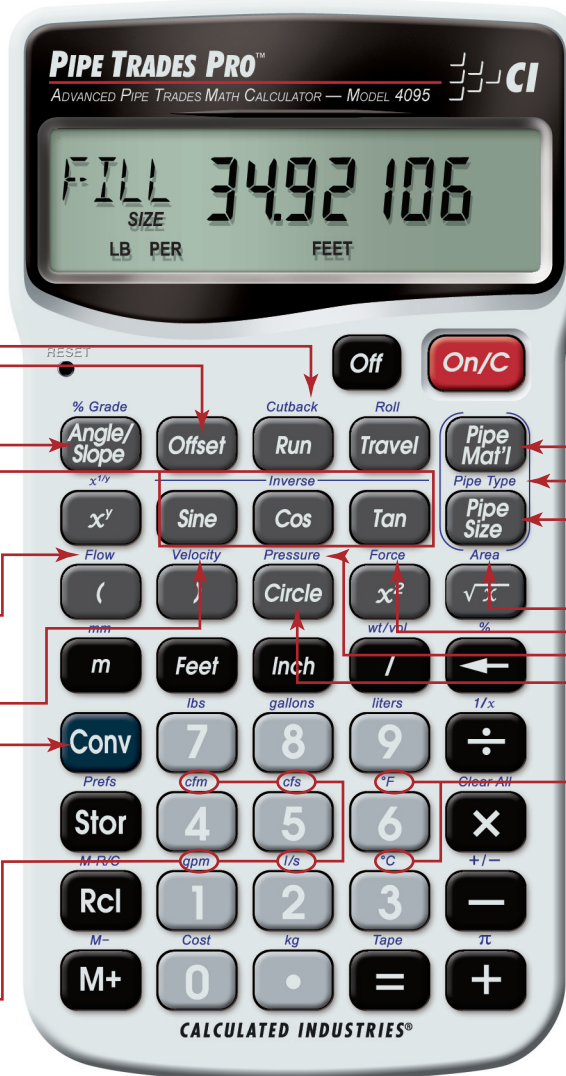
**Area** — Enter for Flow, Velocity, Pressure, Force calculations or calculate Area given values for flow/velocity or force/area

**Force** — Calculate Force and convert between lbf, newton

**Pressure** — Enter for Pipe Sizing and Force/Area calculations. Calculate Pressure Loss. Convert between different units

**Circle** — Calculate circle area, circumference

**Temperatures** — Enter/Convert Centigrade and Fahrenheit temperatures



## Product Specifications — Pipe Trades Pro Model 4095

**Size:** 5.6" x 3.0" x 0.6" (143mm x 76mm x 16mm)

**Weight:** 6 oz. (170 gm) Includes Armadillo Gear and Pocket Reference Guide

**Power:** Two 1.5-volt (LR-44/A76) Long-life Batteries

**Display:** 12 Digits (8 normal, 4 fractions) with Full Annunciators

**LCD Dimensions:** 0.625" x 2.5" (16mm x 64mm)

**Accuracy:** 12 Digit Internal Accuracy

**Included with Every Pipe Trades Pro:** Armadillo Gear Protective Hard Case; Long-life Batteries (Two LR-44); Quick Reference Guide and Pocket Reference Guide; Complete, easy-to-follow User's Guide.

**Full One-Year Limited Warranty**



Shock resistant Armadillo Gear case protects your calculator from moisture and dust.



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