



TECHNICAL SALES INTERNATIONAL

the next generation of software

EST-Duct

EST-Duct is both an Easy-to-Use, Industry Leading 'Stand Alone' Estimating Program AND a Costing program that with the **CAM-Duct** manufacturing system offers seamless integration with **CAM-Duct** manufacturing and/or our **CAD-Duct** Design/ Build program, which makes use of the same seam, connector and specification databases to ensure accurate and automated estimating of **CAD-Duct** drawings and **CAM-Duct** Fabricated Jobs.

EST-Duct is based on SMACNA industry standard fitting definitions and specifications.

EST-Duct features include:

- **Design-Line** Takeoff Tools for Fast and Accurate 3D On-Screen Takeoff.
- Automated Duct Sizing tools with **Design-Line** for easy, accurate Design/ Build Estimating
- Full integration with **FAB-MEP**, **CAM-Duct** and **CAD-Duct**, allowing automated Design/ Build Estimates from CAD Drawings and Automatic Estimating for Fabrication Shops.
- Advanced Analysis and Reporting from **EST-Duct** with an automated EST Reporting Tool in Excel including pounds, areas, linear feet and quantity of pieces and hours of all items and Labor Analysis Tools.
- Estimating History Tracking of all jobs in Excel with Filtering tools
- Job Detail Shop and Field Billing Reports including Item ID and Material Costs in an Excel format
- Pre-loaded with Detailed and accurate 'industry standard' Labor Times Tables.
- Digitizer Paper Drawing Takeoff Abilities including Easy-to-use Digitizer Templates
- Material Pricing of Catalogues by Part Number
- Detailed reports and printouts, including Buy-out and Quoted Items Reports, Project Management Labor Planning and Procurement.
- Open 3D takeoff files in **CAD-Duct** or **FAB-MEP** as real 3D Drawings in AutoCAD to pass along as a starting point for your Detailing Department

The image displays three screenshots of the EST-Duct software. The top screenshot shows a 3D model of a duct system with a 'Radius Elbow LR' callout. The middle screenshot shows a 'Radius Elbow LR' dialog box with dimensions and options. The bottom screenshot shows an Excel spreadsheet titled 'Sheet Metal Shop Labor Worksheet' with columns for various metrics and a subtotal row.

Purch	DW	Fitting	Material	Service	Spec	Alt	Pounds-calc	Linear Feet-calc	Pieces-calc	Shop Hours-Duct (original)	Shop Hours-Hangers (original)	Lbl/Hr Shop STD	Hr/ Piece Shop STD	Shop Hours STD	Lbl/Hr Desired	Net Hours	Hr/ Piece Shop	Factor of STD	
9	No	Off-Fittings	GALV	Rectangular	Standar	0	704.8	37.6	18.0	37.0	0.0	19.0	2.1	37.0	30.0	23.5	1.3	0.63	
10	No	Off-Straight	GALV	Rectangular	Standar	0	1044.3	115.2	32.0	8.0	0.5	122.4	0.3	8.5	150.0	7.0	0.2	0.82	
12	No	Off-Straight	GALV	Round Duct	Standar	0	219.1	56.2	20.0	0.7	0.4	202.9	0.1	1.1	220.0	1.0	0.0	0.92	
Subtotal							1968	209	70	46	1	42.2	0.7	47	62.6	31	0.4	0.67	
Percentage of Total							100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
TOTAL							1968	209	70	46	1	42.2	0.7	47	62.6	31	0.4	0.67	