



FabTrol Shop is an all-in-one fully integrated steel fabrication management solution designed for small to medium sized (SME) steel fabrication shops. For one affordable price, get everything needed to bid, manage, track and complete a job. Additionally, as your shop grows, every dollar invested in FabTrol Shop can be transferred to the purchase of FabTrol Pro—with no time limit.

FabTrol Shop streamlines shop operations and delivers:

- Lower labor and material costs
- Increase capacity and shorten schedules
- Improve quality and efficiency
- Maximize overall profitability

"Fabtrol Shop is an extremely useful, versatile tool that is helping us be more accurate and efficient during the bid process and throughout project management."

Ryan Dowd
Operations Manager
Bear Creek Fabrication

Estimating

Generate quick, accurate estimates

Manually enter a bill of materials (BOM) and/or import a BOM from detailing software.

Define assembly and part types and apply hourly labor rates for each.

Calculate paint and freight costs based on custom company paint codes and load types.

Get automatic weight, surface area, labor and cost extensions.

Review categorical cost summaries with an automatically calculated selling price, and adjust price to account for project-specific and company needs (e.g., labor, profit margin, etc.), including three levels of markup.

Review cost summaries and adjust pricing based on project-specific or company needs

Cost category	Include	Shipping weight	Extended cost	Included cost	% Markup 1	% Markup 2	% Markup 3	Selling price
Labor			\$1,400.00					
Overhead			\$376.00					
Inspection			\$55,200.00					
Freight			\$1,940.00					
Total			\$59,916.00	\$422,640.00				

Bill of Materials (BOM)

Master the bill of materials and manage changes

Import material lists and automatically get pricing and labor values based your company setup.

Get automatic notifications when revisions affect the BOM.

View and review a BOM by assembly, drawing, or sequence and add savable filters to drill down quickly for critical details.

Assign assemblies to sequences and lots.

Add unrecognized material in the BOM on the fly to the materials database without leaving the BOM work area.

Add and edit material pricing and choose to apply changes to all like parts, to the job or to the materials database.

Manage, track and update the BOM with ease and use savable filters to view critical details

Line no.	Hold	Asy	Dwg no.	Mark	Seq qty	Qty	Type	Size	Grade
1.1		IB1	4001	IB1	1	1	X	W	12x22 A992
1.2	✓	IB1	4001	p177	1	1	FB	1/2x5	A36
1.3	✓	IB1	4001	p34	2	2	FB	1/4x2	A36
1.4		IB1	4001	12	1	1	FB	1/8x1/2	A36
1.5		IB1	4001	1	1	1	FB	1/8x1/2	A36
2.1		IB10	IB10	IB10	1	1	W	12x35	A992

Drawings

Streamline fabrication drawing management

Import fabrication drawings and get automatic revision control and image file management.

Add drawings manually and attach image files.

Set up translations on the fly during the import process for trouble-free revision imports.

View or print attached drawings.

Assign assemblies to sequences and lots.

View all drawings on the job, including revision number, revision date, status and other drawing details in the drawing register.

Filter drawings to see a subset of drawings in the register.

Review drawing statuses, current revisions and view or print drawings from the drawing register

Drawing no.	Rev	Rev date	Status	Hold	Image	Dwg added	Rev notes	Work with
IB21		27/Apr/11	Revise and res...	✓		27/Apr/11		
IB4		27/Apr/11	Out for approval			27/Apr/11		
IB3		27/Apr/11	Out for approval			27/Apr/11		
IB2		27/Apr/11	Out for approval			27/Apr/11		
IB1		27/Apr/11	Out for approval			27/Apr/11		
1001		06/3/11	Imported			06/3/11		
4001		12/Jun/12	Entered			12/Jun/12		



Materials

Plan, purchase, track and maximize material usage

Import, or manually enter, a bill of materials.

Get automated part weight, surface area and labor summaries.

Nest parts for a job into stock and/or purchasable material.

Purchase material by importing a nested solution and/or adding line items manually.

Receive purchased items into stock and get automatic notification in the nesting engine.

Track cut lists including stock usage.

Track stock usage and remnants by project and easily allocate remnants for efficient stock usage.

Use predefined material attributes or add/edit the definitions.

Get automatic notification of part, purchasing or stock changes that affect a nested solution.

Maintain an automatic, permanent link to material information (e.g., nest, job, price, test certs, etc.) from the PO through to job-site delivery.

Visual cues provide alerts for critical changes that affect nested solutions

Type	Part No.	Name	Proj No	Size	Qty	Price	Material	On-hand	Used
	L2012.1	212044	212044	4	64	127	135,740.000	106,640.000	3,300.000
	L2012.2	245 L, C, FB	212045	13	51	854	25,642.500	0.000	0.000
	L2012.4	21190	21190	0	0	0	0.000	0.000	0.000
	L2012.4	70, 70, 70 W S&2	21190	10	48	122	226,380.000	6,000.000	6,000.000
	C2012.7	Clip Angles 079	21190	1	96	96	940.600	656.600	0.000
	L2012.8	Sec2 W		0	0	0	0.000	0.000	0.000
	L2012.9	Sec2, Sec3 - W	12063	13	149	244	416,510.000	330,110.000	40,800.000

Stock

Real-time paperless stock management

Get automatic notification when stock status affects other tools (e.g., the nesting engines).

Get automatic status updates in stock when activities affect stock status (e.g., material is used).

Find and review stock quickly with customizable views of stock by status and/or user-selected criteria (type, type/size, etc.).

Allocate stock manually and progress to used.

Maintain full traceability, including certification doc. attachment, for each stock item and rems.

Split like items across multiple lines (e.g., to reserve for different jobs), and maintain full traceability.

Manage imperial and metric items simultaneously, assign multiple grades to a single stock item and place items on hold with a single click.

Use a dedicated wizard to reconcile stock with a yard count and to import a stock list.

Stock ribbon provides one-click access to all stock management tasks

Stock ID	A	Hold	Status	Reserve	Qty	Type	Size	Width	Length	Grade	Due date
0.257.0000			Reserved	211070	74	HP	14x117	0"	26' 7"	A992	
0.257.0000			Assigned	211070	37	HP	14x117	0"	26' 7"	A992	
0.257.0000			Scheduled	211070	19	HP	14x117	0"	26' 7"	A992	10/Apr/11
0.257.0000			Hold	211070	9	HP	14x117	0"	26' 7"	A992	10/Apr/11
0.257.0001			Assigned	211070	35	HP	14x117	0"	1' 0"	A992	
0.258.0000			Free		362	C	8x11.5	0"	12' 0"	A36	
0.259.0000			Free		117	HSS	2.500x0.125	0"	2' 4"	A513	

Shipping

Stay on schedule with smart shipping management

View items available for loading by sequence and lot.

Create loads easily from within a single window by dragging and dropping assemblies from the items available to be loaded area into the items on load area.

Place full or partial quantities of like assemblies on a load.

View a real-time summary of weight capacity and available weight by load.

Attach documents and pictures to a load.

Use at-a-glance visual cues to monitor load status (e.g., loaded, staged, shipped, received, etc.) and easily identify what's left to load and what's already been shipped.

Access Google maps from the shipping management area to generate a map and driving directions from a load's point of origin to its destination.

Monitor what's left to load and easily identify the status of every shipping load

Load no.	Loaded wt	Capacity	Created	Assy mark	Qty	Type/Grade	SOH wt ea	Loaded wt ea	Length	Seq	Lot
00001	17,422.320	40,000.000	13/Apr	21004	142	RE 1 A36	10.000	10.000	2' 4"	2	0
00002	46,574.640	40,000.000	13/Apr	21004	1	MC 12x51 A36	673.220	673.220	0"	21	0
00003	27,556.720	40,000.000	13/Apr	21004	4	L 6x6x5/8 A36	628.450	628.450	0"	15	0
00004	40,142.920	40,000.000	13/Apr	21004	1	MC 12x51 A36	761.700	761.700	0"	24	0
00005	41,998.320	40,000.000	13/Apr	21004	4	MC 12x51 A36	761.700	761.700	0"	24	0
00006	42,153.280	40,000.000	13/Apr	21004	1	MC 12x51 A36	761.700	761.700	0"	24	0
00007	41,577.270	40,000.000	13/Apr	21004	4	MC 12x51 A36	761.700	761.700	0"	24	0
00008	41,560.920	44,000.000	13/Apr	21004	4	L 6x6x5/8 A36	1,377.150	1,377.150	0"	15	0
00009	42,693.640	44,000.000	14/Apr	21004	4	L 6x6x5/8 A36	627.830	627.830	0"	15	0
00010	33,113.300	46,000.000	14/Apr	21004	3	MC 12x51 A36	743.350	743.350	0"	27	0