

Tube Tool Needs Assessment Questionnaire

Locally supported by:



Elliott Tool Technologies, Ltd.
 1760 Tuttle Ave. • Dayton, OH 45403-3428 • USA
 Phone: +1 937 253 6133 • +1 800 332 0447
 Fax: +1 937 253 9189
 Email: sales@elliott-tool.com

Elliott Sales Representative

Name: _____ Phone: _____
 Company: _____ Email: _____

Prospective Customer

S O L D T O C O M M E R C I A L	Company:	V E S S E L	<input type="checkbox"/> Boiler - Watertube			
	Address 1:		<input type="checkbox"/> Boiler – Firetube			
	Address 2:		<input type="checkbox"/> Chiller / Heat Exchanger			
	City:		<input type="checkbox"/> Process Transfer Line			
	State:		<input type="checkbox"/> Other			
	Zip Code:				Joint 1	Joint 2
	Country:			Tube Sheet	Thickness: _____	_____
	Contact Name:				Material: _____	_____
	Contact Phone:			Tube	<input type="checkbox"/> ID <input type="checkbox"/> OD	_____
	Contact Fax:				Wall Thickness / Gauge: _____	_____
Contact Email:			Material: _____	_____		
Your Reference:			Length: _____	_____		
Preferred Date Of Delivery: _____			Number Of Tubes: _____	_____		
<input type="checkbox"/> Purchase <input type="checkbox"/> Rental		Tube Section	<input type="checkbox"/> Straight Tube <input type="checkbox"/> U-tube			
Budget Expectation (USD): _____			<input type="checkbox"/> Curved Tube Minimum Radius _____			
<input type="checkbox"/> Existing Customer <input type="checkbox"/> New Customer			<input type="checkbox"/> Straight Roll <input type="checkbox"/> Flare Roll <input type="checkbox"/> Roll Bead			
			<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal			
		Power	<input type="checkbox"/> Electric <input type="checkbox"/> Pneumatic			
			<input type="checkbox"/> 110 V <input type="checkbox"/> 220 V			
		Special Reach Or Space Constraint: _____				

Clean

Q U E S T I O N S	Type Of Deposit	I N T E R E S T S	<input type="checkbox"/> Soft, gummy or organic compounds	<input type="checkbox"/> Cleaning Package	
			<input type="checkbox"/> Hard deposit that tends to break to powder	<input type="checkbox"/> Consumables	
			<input type="checkbox"/> Rock solid deposit	Notes: _____	_____
			Composition of deposit _____	_____	_____
			Thickness Of Deposit: _____	_____	_____
	Number Of Tubes To Be Cleaned: _____				
	Cleaning Preference: <input type="checkbox"/> Dry <input type="checkbox"/> Wet				
	Tube Surface: <input type="checkbox"/> Prime <input type="checkbox"/> Enhanced				

Test

Q U E S T I O N S	Testing For: <input type="checkbox"/> Leaky Tubes <input type="checkbox"/> Joints	I N T E R E S T S	<input type="checkbox"/> Tube Tester: <input type="checkbox"/> Vacuum <input type="checkbox"/> Air Injected <input type="checkbox"/> Manual
	Number Of Tubes To Be Checked: _____		<input type="checkbox"/> Test Plugs - High Pressure
	<input type="checkbox"/> Air Test <input type="checkbox"/> Hydrostatic Test		<input type="checkbox"/> Joint Tester: <input type="checkbox"/> Vacuum <input type="checkbox"/> Manual
	Pressure (60 -100 PSI): <input type="checkbox"/> Air <input type="checkbox"/> Vacuum		<input type="checkbox"/> Seals And Washer Sets
			<input type="checkbox"/> Extensions

Plug

QUESTIONS	Number Of Tubes To Be Plugged: _____	INTERESTS	<input type="checkbox"/> One-Piece (200 PSI)
	Are there restrictions limiting access to the face of the tube sheet? <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Two-Piece (200 PSI) <input type="checkbox"/> Rings <input type="checkbox"/> Pins
	Do plugs require material certification and trace ability? <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> High Pressure (6,000 PSI) <input type="checkbox"/> Torque Wrench
			<input type="checkbox"/> One Revolution Tube Cutter For Venting
			<input type="checkbox"/> Tube Brushes For Cleaning Tube

Remove

QUESTIONS	Number Of Tubes To Be Pulled: _____	INTERESTS	<input type="checkbox"/> Tube Cutter <input type="checkbox"/> Blades <input type="checkbox"/> Pins <input type="checkbox"/> Motors
	Frequency Of Pulling Tubes: _____		<input type="checkbox"/> Tube Ripper <input type="checkbox"/> Chisels <input type="checkbox"/> Lubricator
			<input type="checkbox"/> Tube Puller: <input type="checkbox"/> Manual <input type="checkbox"/> Semi-Continuous
			<input type="checkbox"/> Spears <input type="checkbox"/> Nose Pieces <input type="checkbox"/> Pumps <input type="checkbox"/> Balances
			<input type="checkbox"/> Tugger: <input type="checkbox"/> Stub <input type="checkbox"/> Tube
			<input type="checkbox"/> Spears <input type="checkbox"/> Nose Pieces <input type="checkbox"/> Pumps <input type="checkbox"/> Balances
			<input type="checkbox"/> Collet Sets <input type="checkbox"/> Draw Bars
			<input type="checkbox"/> Hammers: <input type="checkbox"/> Pneumatic <input type="checkbox"/> Tube Buster
			<input type="checkbox"/> Knockout Tools <input type="checkbox"/> Collapsing Tools

Install

QUESTIONS	Number Of Tubes To Be Rolled: _____	INTERESTS	<input type="checkbox"/> Expander <input type="checkbox"/> Rolls <input type="checkbox"/> Mandrels <input type="checkbox"/> Cages																											
	Tube Auger / End Prep Blade: (If applicable)		<input type="checkbox"/> Support Sheet Expander																											
	<table border="1"> <thead> <tr> <th colspan="3">Standard Blades Available:</th> <th></th> </tr> <tr> <th></th> <th>Part Number</th> <th>Profile</th> <th></th> </tr> </thead> <tbody> <tr> <td>37-1/2" O.D. Bevel</td> <td>EP163037</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>90° Face / Weld Removal</td> <td>EP163190</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>37° I.D. Bevel</td> <td>EP163137</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>3/16" Radius Heat Exchanger Cutter / Weld Removal</td> <td>EP163012</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>1/4" Radius Boiler Plate Cutter / Weld Removal</td> <td>EP163010</td> <td></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> <p><small>Blades come standard with special coating. Tool has ratchet clamping and ratchet feed. 6070 Filter / Lubricator recommended for use with tool.</small></p>	Standard Blades Available:					Part Number	Profile		37-1/2" O.D. Bevel	EP163037		<input type="checkbox"/>	90° Face / Weld Removal	EP163190		<input type="checkbox"/>	37° I.D. Bevel	EP163137		<input type="checkbox"/>	3/16" Radius Heat Exchanger Cutter / Weld Removal	EP163012		<input type="checkbox"/>	1/4" Radius Boiler Plate Cutter / Weld Removal	EP163010		<input type="checkbox"/>	<input type="checkbox"/> Lubricant / Bead Coolant
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	Handhole Seat Grinder Width: _____ (If applicable)		<input type="checkbox"/> Rolling Motor: <input type="checkbox"/> Torque Controlled <input type="checkbox"/> Stall																											
			<input type="checkbox"/> Electric Torque Control																											
			<input type="checkbox"/> Tube Hole Gauges																											
			<input type="checkbox"/> Grooving (Serrating) Tools And Spare Bits																											
			<input type="checkbox"/> Tube Sheet Hole Brushes																											
			<input type="checkbox"/> Tube Auger / End Prep																											
			<input type="checkbox"/> Tube Pilots / Guides																											
			<input type="checkbox"/> Tube End Facing And Spare Bits																											
			<input type="checkbox"/> Seat Grinder: <input type="checkbox"/> Handhole <input type="checkbox"/> Manhole																											

Drawings Or Notes: