

# **OGEL TOOL & DIE**

2024 FenceTech / MetalFab Product Catalog



Proudly made in America since 1934!

US Toll-Free: 800-272-8946 / International: 630-562-1400

[www.VogelTool.com](http://www.VogelTool.com)

**Vogel Tool & Die are members of**



North  
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Fence  
Contractors  
Association



American  
Fence  
Association





## Hand Notching Package



#1400 Arc-Fit Hand Press	\$695.00
#35 Arc-Fit Housing	\$275.00
#9202A Arc-Fit Assembly for 1-3/8" OD Pipe	\$475.00
#9203 Arc-Fit Assembly for 1-5/8" OD Pipe	\$475.00
#9203 Arc-Fit Assembly for 1-7/8" ~ 2" OD Pipe	<u>\$475.00</u>
Hand Notching Package	\$2,395.00



- ✓ 2-3/8" OD pipe assemblies also available
- ✓ Custom made tools available for drain holes and slots
- ✓ Custom made tools available for one size to fit a different size
- ✓ The same assemblies fit our CSP-25-SA Power Tower

Yes, this is the tool that started the industry! Made in the USA for over 80 years, Vogel received the first US patent for pipe notching in 1934. Lightweight and portable, perfect for use on the job site.



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*All prices shown are for US Domestic orders only. For export orders, please consult factory.*  
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## Supercharge your Fence & Gate Manufacturing



### Vogel's 25 Ton Power Tower

Model CSP-25-SA

Price \$4,975.00

Tonnage 25 tons - 50,000 lbs of power!

Power Requirements 120V, 20amp circuit

Power Connection 3 Prong Plug on 6' cord

Controls Foot Pedal on 6' cord

Motor 1.5 Horsepower

Stroke 2" spring return

*Purchase Tooling Packages to Perform Operations Such As:*

NOTCH PIPE	NOTCH TUBING	ANGLE NOTCH	FORM PICKETS	PIERCE CHANNEL	PIERCE TUBING
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## 90° Notching Package



CSP-25-SA Hydraulic Power Tower	\$4,975.00
Triple Housing Turntable	\$995.00
90° Notcher for 1-3/8" x schedule 40	\$475.00
90° Notcher for 1-5/8" x schedule 40	\$475.00
90° Notcher for 1-7/8" x schedule 40	<u>\$475.00</u>
Notching Package Total	\$7,395.00



Vogel's Triple Housing Turntable will mount in your 25 Ton Tower Power with a single bolt.  
Simply rotate the turntable to quickly select the size you need.



- ✓ Eliminates changeover time
- ✓ Eliminates lost tooling
- ✓ One bolt installation to quickly swap with other Vogel tools
- ✓ Many other sizes available – please consult factory
- ✓ Order custom notchers for drain holes, slots and more!

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# **Vogel TOOL & DIE**



## **Slope Coping**



CSP-25-SA Power Tower	\$4,975.00
Arc-Fit Angular Two Station Housing	\$1,545.00
Ram Pad	\$250.00
Two Station Assembly for 1-5/8" OD x 35°	<u>\$2,645.00</u>
Slope Coping Package Total	\$9,415.00

The fast and easy way to accurately cope tubes for angled joints!



- ✓ Specify your slope, either 35° or 45°
- ✓ Specify your tube size, Tools available for 1-3/8", 1-5/8" & 1-7/8"
- ✓ Tooling made in USA
- ✓ Tooling sharpenable for long life
- ✓ Quickly swap with other Vogel tools
- ✓ Other sizes & angles available - consult factory

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## Picket Forming



CSP-25-SA Hydraulic Power Tower \$4,975.00

Radius Tip Picket Forming Tool \$4,395.00

Picket Forming Package \$9,370.00



Changeover Tooling for Extra Tube Sizes \$600.00

Simple Self-Contained Tool Flattens Square Tubing and Trims into a Picket  
**ONE Press Stroke!**



- ✓ Capacity: 1" square x 16 gauge steel tubing
- ✓ Capacity 1" square x 14 gauge aluminum tubing
- ✓ Unit includes one set of forming tooling, Specify:
  - Small - For 1/2" square tubing
  - Medium - For 3/4" & 5/8" square tubing
  - Large - For 1" & 7/8" square tubing
- ✓ Tooling made in USA



NEW - We now offer heavy duty picket tools for up to 1-1/2" square x 1/8" wall tubing  
Please contact us to discuss your special picket application

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## Channel & Tube Piercing

### Channel Piercing

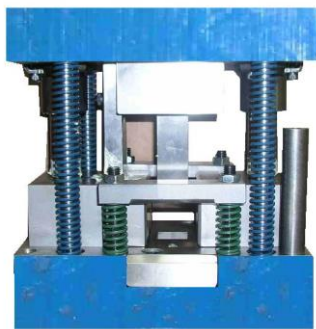


CSP-25-SA Hydraulic Power Tower	\$4,975.00
#75 CHP Channel Pierce Tool	\$6,750.00
Adjustable Stop Assembly	<u>\$775.00</u>
Total for Channel Piercing Package	\$12,500.00



Extra Punch & Die Sets for Extra Hole Sizes \$1,850.00

- ✓ Capacity: 2" wide x 1" legs x 1/8" wall channel
- ✓ Adjustable for all channel sizes, up to max. capacity
- ✓ Specify hole size to be pierced
- ✓ Additional punch & die sets available to easily change hole size
- ✓ Fully adjustable stop maintains consistent hole spacing
- ✓ Quickly swap with other Vogel tools



### Tube Piercing Tool

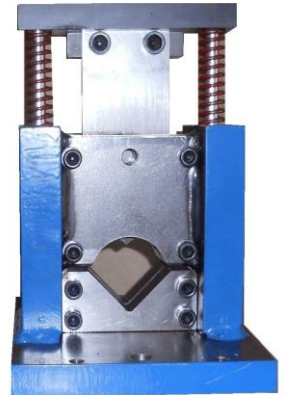
CSP-25-SA Hydraulic Power Tower	\$4,975.00
THP Tube Piercing Tool	\$6,750.00
Adjustable Stop Assembly	<u>\$775.00</u>
Total for Tube Piercing Package	\$12,500.00

- ✓ Capacity: 1-1/2" square x 1/8" wall tubing
- ✓ Changing cams and / or spacers adjusts for all tube sizes, up to 1-1/2" square
- ✓ Specify hole size to be pierced
- ✓ Additional punch & die sets available to easily change hole size
- ✓ Side walls clamped during piercing to prevent bulging
- ✓ Deformation limited to top wall, exit hole - bottom wall clean
- ✓ Rotate tube upside down for panel assembly
- ✓ Fully adjustable stop maintains consistent hole spacing

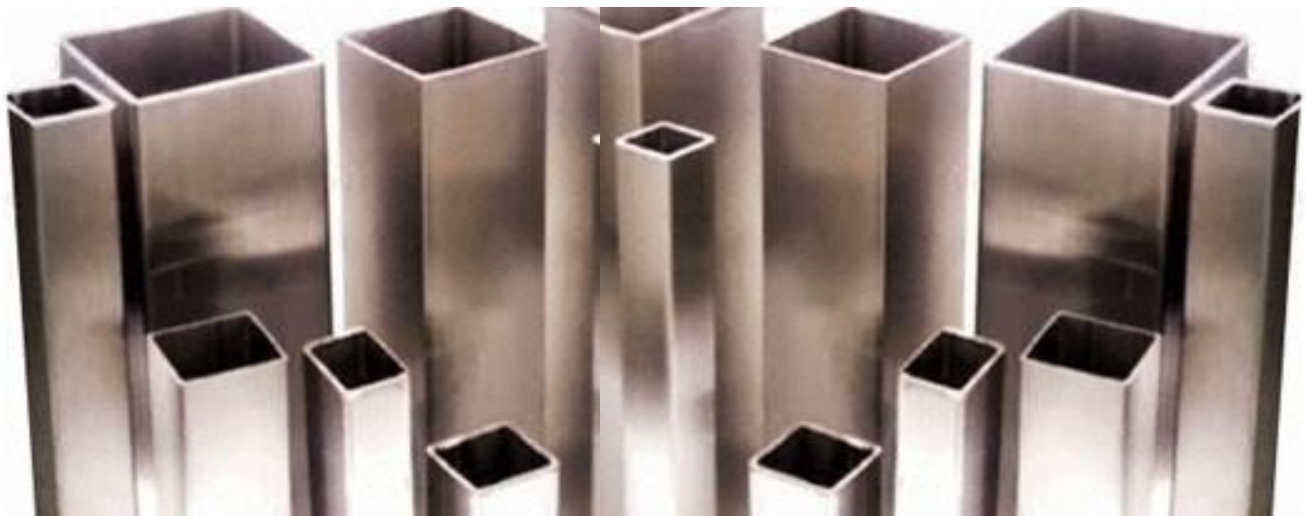


## Square Tubing Cut Off

CSP-25-SA Hydraulic Power Tower	\$4,975.00
Vogel #4162 Econo Cut Off Die	\$3,575.00
Vogel #4162 Econo Cut Blades (\$75.00 /ea.)	<u>\$225.00</u>
Complete Cut Off Package	\$8,775.00
[Includes guides + 3 blades]	



- ✓ Quickly cut square tubing to length with minimal deformation
- ✓ No chips to remove from tube
- ✓ Cut up to 1-1/4" square
- ✓ Quiet! No hearing protection needed
- ✓ No changeover for different tube sizes
- ✓ Fits most ironworkers and Vogel's 120V Hydraulic Power Unit



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## Other Tools From Vogel

*Vogel Tool & Die INVENTED the pipe notcher and was issued the original US patent in 1934. Today, as a Division of Manor Tool & Manufacturing Company, we continue to offer our Arc-Fit pipe notchers and other tools for fabricating parts from tube and pipe. All Vogel tools are made with pride in the USA, featuring American steel and American heat-treating. Imported tools may look similar, but poor quality steel and improper heat-treating may lead to significantly reduced tool life and poor performance. Vogel tools are designed and built to last and provide many years of dependable performance.*



Hand Presses for Notching  
Custom Flattening Dies  
Custom Piercing Dies

Tools to Miter Tube Ends  
Tools to Cut Tubes to Length  
Tools to Shear Angle Iron  
Custom Dies for Specialized Tubular Parts

Tools to Shear Round Bar Stock  
Tools to Shear Flat Stock  
Tools to Shear Channel

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# Vogel Tool & Die

ANSI Pipe Schedules					
Pipe Size	OD in inches	5	10	40 (std)	80 (X heavy)
1/8	.405	.035	.049	.068	.095
1/4	.540	.049	.065	.068	.119
3/8	.675	.049	.065	.091	.126
1/2	.840	.055	.083	.109	.147
3/8	1.050	.065	.083	.113	.154
1	1.315	.065	.109	.133	.179
1-1/4	1.660	.065	.109	.140	.191
1-1/2	1.900	.065	.109	.145	.200
2	2.375	.065	.109	.154	.218
2-1/2	2.875	.083	.120	.203	.276
3	3.500	.083	.120	.216	.300
3-1/2	4.000	.083	.120	.226	.318
4	4.500	.083	.120	.237	.337
4-1/2	5.000			.247	.355
5	5.563	.109	.134	.258	.375
6	6.625	.109	.134	.280	.432

Mechanical Tubing Wall Gauge					
Gauge	Inches	Gauge	Inches	Gauge	Inches
28	.014	22	.028	16	.065
27	.016	21	.032	15	.072
26	.018	20	.035	14	.083
25	.020	19	.042	13	.095
24	.022	18	.049	12	.109
23	.025	17	.058	10	.134

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