

3D Welding Fixture



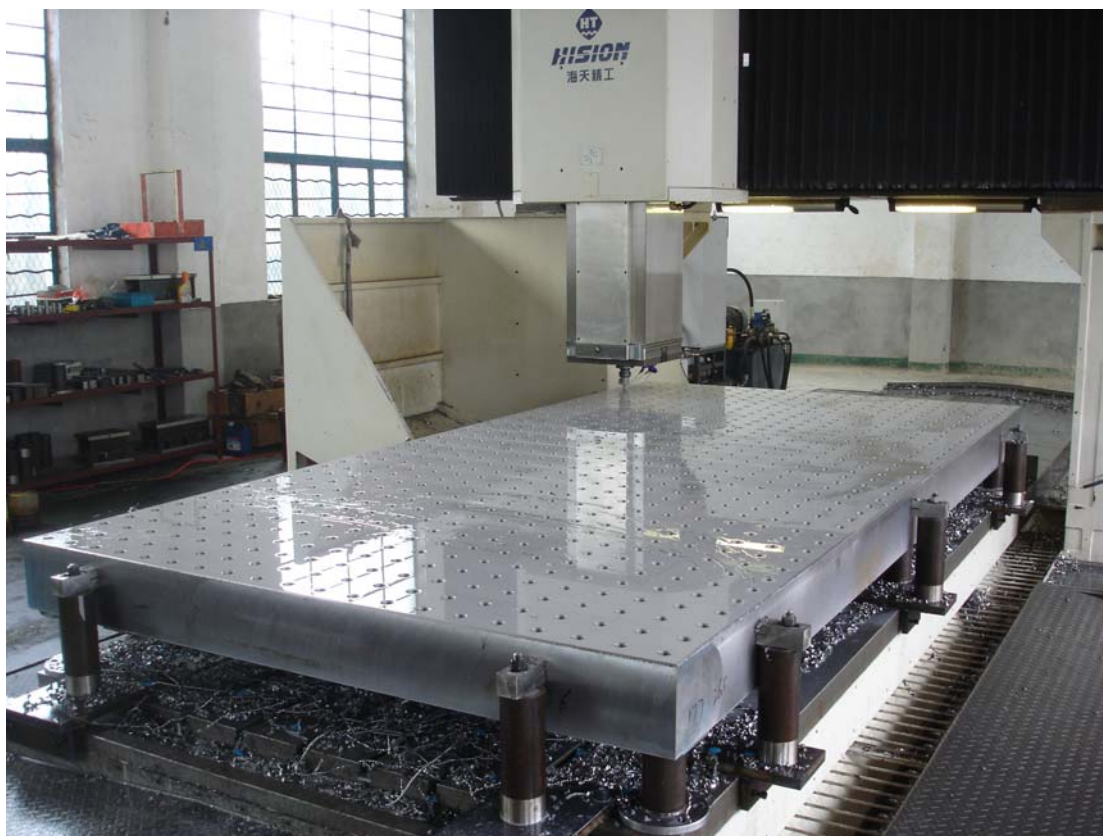
**Shanghai Strong Tool
Manufacturing Co., Ltd.**

About us

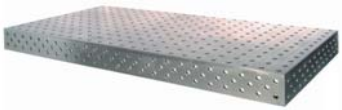
Shanghai Strong Tool Manufacturing Co., Ltd. specializes in designing, manufacturing 3D universal welding fixtures, welding ancillary products and to undertake welding product R&D and processing.

We have professionals in technology R&D of cold and thermal processing, production and management,. Our company owns advanced CNC gantry machining center and other processing equipment.

We offer our customers a good pre-sales and after-sales service. Our company has a welding fixtures demo and training center to provide users a professional and technical training. All of our staff will dedicate customer service and continue to strengthen communication and cooperation with all parties. Provide users with the most complete welding products and technical services.



INDEX

Table		P.4-5
Angle		P.6-7
Block		P.7-8
Stop		P.8-9
Pin		P.9
Clamps		P.10-11
V-Block		P.11-12
Accessories		P.12-13

Make your work easier

Through modular idea, you can set up complex and precise fixtures in short time. It is economical for both R&D and production runs.

Table

Table is the basic part of the fixture. It is a structure in the form of grid hole. According to diameter of holes, it is offered in two sizes 28 and 16 series. Table has five surfaces to be extended in five directions. There are variety of specifications. The smallest size is 1000 × 500mm, the largest for the 4000 × 2000mm.



Table and table can be connected together for large workpiece.

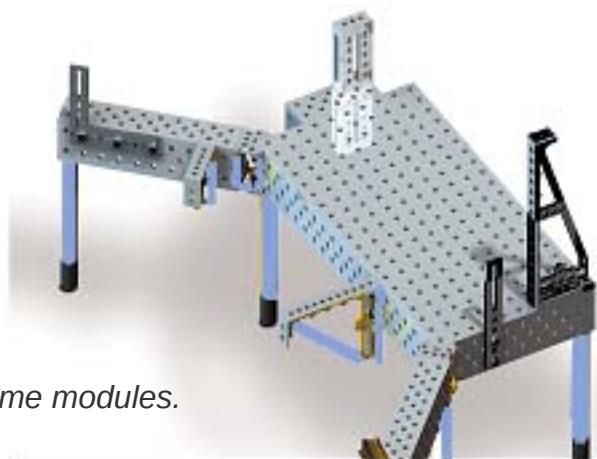
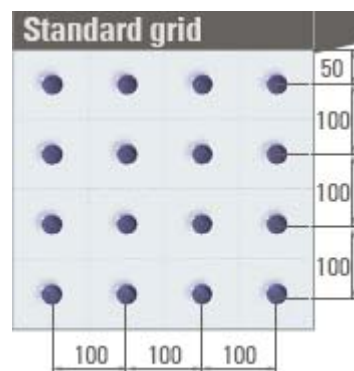


Table can be extended by some modules.



3D Work Table-28 series	H=200mm, without legs	H=850±30mm, with Standard Legs	H=750-1100±30 mm, with Telescoping Legs	H=850±30mm, with Heavy Duty Wheels	H=850±30mm, with Anchoring Legs
					
	1000x1000	28-01010-100	28-01010-101	28-01010-102	28-01010-103
	1200x1200	28-01212-100	28-01212-101	28-01212-102	28-01212-103
	1500x1000	28-01510-100	28-01510-101	28-01510-102	28-01510-103
	2000x1000	28-02010-100	28-02010-101	28-02010-102	28-02010-103
	1500x1500	28-01515-100	28-01515-101	28-01515-102	28-01515-103
	2400x1200	28-02412-100	28-02412-101	28-02412-102	28-02412-103
	3000x1500	28-03015-100	28-03015-101	28-03015-102	28-03015-103
	4000x2000	28-04020-100	28-04020-101	28-04020-102	28-04020-103

3D Work Table-16 series	H=100mm, without legs	H=850±30mm, with Standard Legs	H=650-1100±30 mm, with Telescoping Legs	H=850±30mm, with Heavy Duty Wheels	H=850±30mm, with Anchoring Legs
					
	1000x500	16-01005-100	16-01005-101	16-01005-102	16-01005-103
	1000x1000	16-01010-100	16-01010-101	16-01010-102	16-01010-103
	1200x1200	16-01212-100	16-01212-101	16-01212-102	16-01212-103
	1500x1000	16-01510-100	16-01510-101	16-01510-102	16-01510-103
	1500x1500	16-01515-100	16-01515-101	16-01515-102	16-01515-103
	2000x1000	16-02010-100	16-02010-101	16-02010-102	16-02010-103
	2400x1200	16-02412-100	16-02412-101	16-02412-102	16-02412-103

Positioning Angle

2-3 sided positioning angle, adjustable and precisely located. Good for confined spaces.

28-30175-000	28-30175-001	28-30175-002	28-30175-003	28-30075-000
175x175x50mm			175x75x50mm	75x75x50mm
				
16-30090-000	16-30090-001	16-30090-002	16-30090-003	16-30037-000
90x90x25mm			90x37.5x25mm	37.5x37.5x25mm

28-30275-000	28-30200-000
275x175x50mm	200x175x75mm
	
16-30140-003	
140x90x25mm	

4 sided positioning angle, adjustable and precisely located. Use as high stop and table extension.

28-30300-000	28-30300-001	28-30600-000	28-30600-001	28-30800-000	28-30800-001
300x275x100mm		600x375x100mm		800x375x100mm	
					
16-30200-000	16-30200-001	16-30400-000	16-30400-001	16-30600-000	16-30600-001
200x137.5x50mm		400x187.5x50mm		600x187.5x50mm	

Angle Implement, infinitely adjustable from 0-225°, combined with other system components.

	28-30425-000
	425x100mm
	16-30225-000
	225x50mm

Flat Angle, Infinite positioning at 90° angles

28-35175-000	28-35275-000	28-35325-000	28-35500-000	16-35250-000
175x175x25mm	275x225x25mm	325x225x25mm	500x375x25mm	250x187.5x12mm
				

Block

U Shape Block

Five sides as table extension and clamping surface. Connect with several tables or other components.

		28-40050-000	28-40100-000
		500x200x200mm	1000x200x200mm
		28-40050-001	28-40100-001
		500x400x200mm	1000x400x200mm
28-40120-000	28-40150-000	28-40200-000	28-40240-000
1200x200x200mm	1500x200x200mm	2000x200x200mm	2400x200x200mm
28-40120-001	28-40150-001	28-40200-001	28-40240-001
1200x400x200mm	1500x400x200mm	2000x400x200mm	2400x400x200mm
28-40300-000	28-40400-000	16-04002-000	16-04002-001
3000x200x200mm	4000x200x200mm	500x100x100mm	1000x100x100mm
28-40300-001	28-40400-001	16-04002-002	16-04002-003
3000x400x200mm	4000x400x200mm	1500x100x100mm	2000x100x100mm

L Shape Block

Four sides as table extension and clamping surface. Connect with several tables or other components.

	28-41050-000	28-41100-000
	500x200x100mm	1000x200x100mm
	28-41150-000	28-41200-000
	1500x200x100mm	2000x200x100mm

Connection Angle

Connect angles and tables. Four sides.

28-43050-000	Connection angle 500x100x100mm	
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Stop

Black oxide finish.

Universal Stop, infinitely adjusted and precisely located on the 3D table and the clamping elements; locate/lock with the pin in the table's 5-sided grid pattern in 25mm increments.

28-50010-000	28-50022-000	28-50022-010	28-50030-000	28-50050-000
100x50x25mm	225x50x25mm		300x50x25mm	500x50x25mm
				
16-50055-000	16-50011-000	16-50011-010	16-50016-000	
55x25x12mm	115x25x12mm		165x25x12mm	

Stop with scales, infinitely adjusted by bilateral scale.

28-50150-000	16-50150-000
150x50x25mm	150x25x12mm
	

Stop Bar, larger dimensions, higher stability larger locating surfaces and more fixturing possibilities.

28-50050-000	28-50080-000	28-50100-000	16-50025-000	16-50040-000
500x100x25mm	800x100x25mm	1000x100x25mm	250x50x12mm	400x50x12mm
				

Eccentric Block, use as stop or a support, connects with pins, infinitely adjusted by rotating.

28-52075-000	28-52100-000
25-50mm	25-75mm
	

Adapter Plate, connect 3D table with components.

28-51515-000	16-57575-000
150x150x25mm	75x75x12mm
	

Pin

Connect table with table, stop, angle, adapter plates, transport rings, etc.

short	long	short	long		
28-60001-000	28-60002-000	28-60003-000	28-60003-002	28-60009-000	28-60007-000
					
16-60001-000	16-60002-000	16-60003-000	16-60003-002	16-60009-000	

Clamp

Screw Clamp 180° with Screw handle, Toggle Clamp and Short Screw

28-85022-000	28-85035-000	28-85022-001	28-85035-001	28-85022-002	28-85035-002
220mm	350mm	220mm	350mm	220mm	350mm
					
16-85013-000		16-85013-001		16-85013-002	
130mm		130mm		130mm	

Screw Clamp 45° with Screw handle, Toggle Clamp and Short Screw

28-89022-000	28-89035-000	28-85022-001	28-89035-001	28-85022-002	28-89035-002
220mm	350mm	220mm	350mm	220mm	350mm
					
16-89013-000		16-89013-001		16-89013-002	
130mm		130mm		130mm	

Screw Clamp 90° with Screw handle

28-88022-000	28-88035-000
220mm	350mm
	
16-89013-000	
130mm	

Toggle Clamp

Vertical	Horizontal
28-86001-000	28-86002-000
	
16-86001-000	16-86002-000

2P-Clamping Bridge

28-87018-000


V-Block

Apply to pipe. There are a variety of specifications. The diameter of workpiece can be up to 400mm.

V-Block Ø 58 /130°

Steel	Polyamide	Stainless Steel
28-90058-000	28-90058-001	28-90058-002
		
16-90050-000	16-90050-001	16-90050-002

V-Block Ø 80 / 90° (with shaft)

Steel	Polyamide	Stainless Steel
28-90080-000	28-90080-001	28-90080-002
		
16-90050-000	16-90050-001	16-90050-002

V-Block Ø 110 /120° (with shaft)

Steel	Polyamide	Stainless Steel
28-90110-000	28-90110-001	28-90110-002
		

V-Block Ø 140 /140° (with shaft)

Steel	Polyamide	Stainless Steel
28-90140-000	28-90140-001	28-90140-002
		

Spacer Set 11 pieces	Adjustable Spacer
28-90001-000	28-90009-000
	
16-90001-000	

Accessory

Standard leg	Telescoping leg	Wheel leg with brake	Wheel leg no brake	Anchored leg
00-B0010-001	00-B0010-002	00-B0010-003	00-B0010-013	00-B0010-004
				

Hydraulic Lift	
2000x1000	2400x1200
00-B2010-005	00-B2412-005
	

Hexagonal wrench

SW 14	SW 10	SW 8
28-C0008-000	28-C0008-001	28-C0008-002
		
16-C0008-000	16-C0008-001	16-C0008-002

Round Brush Stainless steel	Torque Wrench	Accessory Cart	Assembly lift fork
28-C0002-000	28-C0015-000	28-C1001-000	00-C0016-001
			
16-C0002-000	16-C0015-000		

Transport Ring	Ground Connector	Pump bottle	Anti-spatter spray 5 L 20L		Bench Stone
00-C0001-000	00-C0009-000	00-C0004-000	00-C0006-000	00-C0006-001	00-C0007-000
					