

**Compare Weldsale Platens' Unique Design With Any Other Platen**

**Why Platens are Used**

- Layout
- Bending
- Straightening
- Minimum Set-Up Time
- Any Clamp is Used in Any Square Hole
- Restraint During Welding
- Minimizing Distortion
- Fixturing
- Cast Iron Stays Flat
- Downdraft Ventilation
- Systems

**Where Platens Are Used**

- Maintenance Shops
- Fabrication Shops
- Production Line Shops
- Machinery Builders
- Utilities
- Ship and Submarine Facilities
- Military and Government installations
- Laboratories
- Robotic Installations

Exclusive Weldsale Features shown in bold face type.

**Weldsale**



**Round Counter Sunk Holes Keep the Entire Work Surface Clear of Bolt Heads.** Heads of the mounting bolts are recessed below the work surface. Bolting the platen to the stand eliminates any unwanted moving or shifting while removing the workpieces.

*Top View*

Machined Shoulders allow exact, completely flush set up of multiple platen beds

**Extra Thick Skirts** around the perimeter and 2" high shoulders also add strength and durability.

**Raised Machine Bosses on Sides.** When two or more Weldsale Platens are set up in multiple beds, they fit flush with each other at the slotted holes. This completely eliminates the possibility of the sides cracking when bolting together.

Slots on the bosses make bolt together simple, fast, and easy.

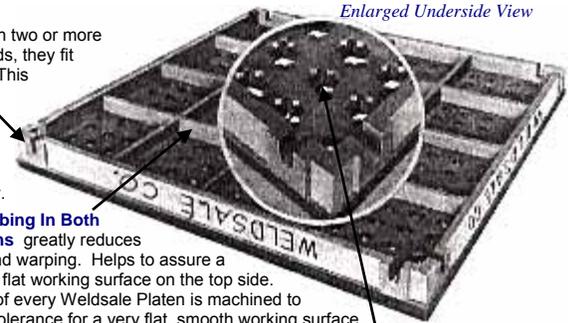
**Cross Ribbing In Both Directions** greatly reduces sagging and warping. Helps to assure a long lasting, flat working surface on the top side. The top surface of every Weldsale Platen is machined to ± .005" per foot tolerance for a very flat, smooth working surface

**Radius in all four Corners of Each Square Hole**

This cast-in feature of our platens was designed to reduce the "notch effect" on the corners of each square hole, reducing the chance of cracking from hole to hole.

**Cast-In Sockets on the Bottom of every Square Hole**  
Make bolt down of tooling by one operator fast and easy. The operator simply inserts bolt (head first) into the square hole, turns the bolt 1/4 turn, then pulls the bolt up into the cast-in socket for positive grip.

*Enlarged Underside View*



**Weldsale Platens**

Platen Item Number	Size	Approx. Weight (lbs.)	Platen Price
*WS36D	3' x 6'	838	\$1,895.00 EA
WS25B	2 1/2' x 5'	840	\$2,395.00 EA
WS44B	4' x 4'	1100	\$2,495.00 EA
WS55B	5' x 5'	2280	CALL
WS56B	5' x 6'	2695	CALL
WS58B	5' x 8'	3240	CALL
WS510B	5' x 10'	4300	CALL

**Weldsale Flush Mount Stands**

Stand Item Number	# of Legs	Approx. Weight (lbs.)	Stand Price
WS36DNS	4	210	\$795.00 EA
WS25BNS	4	315	\$925.00 EA
WS44BNS	4	325	\$975.00 EA
WS55BNS	4	360	CALL
WS56BNS	4	370	CALL
WS58BNS	6	455	CALL
WS510BS	6	475	CALL

Four 5' x 5' Weldsale Platens bolted together to form a 10' x 10' multiple platen bed. \*Only the stand can be bolted on the model #WS36D.

Cast Iron Construction Resists Warping

Specifications subject to change without notice.

Special height stands can be ordered. We supply four WS13 mounting bolts with each Weldsale Flush Mount Platen Stand, for secure bolt down of platen to stand.

**Standard stand height is 32" floor to platen work surface.**

**Standard 1 3/4" Square Holes on 3 1/2" Centers**

**\$64.00 EA**  
# WS1A Gooseneck Hold Down Dog  
Clamp down, pieces to minimize distortion

**\$53.30 EA**  
# WS2 Tapered Drift Pin  
• Tapered drift pins are used as stops and also for straightening and bending.  
• Also used with horizontal clamps.

**\$64.00 EA** # WS3 **\$132.00 EA** # WS3BD  
Push In Bolt In  
• Bending posts are used for bending or straightening with horizontal clamps.

**\$90.75 EA**  
# WS4 Arm Clamp  
• Arm Clamps are baked down tightly to platen for vertical clamping.  
• Platen hole size and thickness determine proper mounting bolt.  
• Clamping Envelope: 0" to 3 1/4" Throat: 2

**\$90.75 EA** # WS5A 90° Horizontal Clamp  
**\$90.75 EA** # WS5B 45° Horizontal Clamp

**\$16.50 EA**  
# WS6 Offset Square Head Bolt 3/4" D x 10" LG for bolting weldments or fixtures to platen.  
WS6

**\$16.50 EA**  
3/4" D x 5 3/4" LG  
WS7

**\$16.50 EA**  
# WS8 3/4" D x 4 1/4" LG, fully threaded. Used with # WS4 Arm Clamp.  
WS8

**\$16.50 EA**  
# WS8A - Same as # WS8 except 2 3/4" LG. Fits WS23B, WS25B, WS44B Platens.  
WS8A **\$16.50 EA**  
WS8B **\$18.95 EA**

**\$178.90 EA**  
# WS8CAM Cam Bolt for Quick Action Bolt Down of Weldments and Tooling  
• No Tools Required  
• Quick action cam for damp, unclamp, and reclamp applications  
• Square nut fits into cast-in socket on bottom of platens square holes.

**\$9.95 EA** # WS12 hex bolt 1" D x 4 3/4" LG for bolting platens together.

**\$9.95 EA** # WS13 Hex Head Bolt 1" D x 6 1/2" LG for bolting platens down to stands or I-beams.

**\$33.30 EA**  
# WS9 U Clamp

• U Clamp can be used on platens same as in machine shop trades. U Clamps and bolts (See WS6, WS7, WS8) are used to bolt weldments down to platen. (See also # WS36 Shims/Leaf-Stack.)

**\$12.25 EA**  
# WS10 Heel Wedge  
Much like a set up wedge except the heel provides a method for pounding the wedge into the desired position. Heel provides surface to pry wedge out from work.

**\$195.00 EA**  
# WS18 Horizontal Clamp  
Horizontal Clamping in Any Radial Direction  
Traditional clamps are limited to applying pressure at only 45° or 90°. Our Weldsale clamps give you added versatility by clamping in any radial direction  
Clamping Height: 2" With Sliding Arm Reversed) to 15" 3 1/2" Throw of Screw

**\$173.00 EA**  
# WS16 Vertical Clamp Arm Slides Up and Down Rail  
With one fast turn of the screw, the part is clamped. All the time turning the screw on conventional arm clamps saved. Bases are knurled and hardened to bind in platen hole. Great operator appeal.  
Clamping Envelope: 0" to 9" Throat: 4 1/2"

**\$280.25 EA**  
# WS17-134 Bolt Down Vertical Clamp  
• The # WS17 Bolt Down Vertical Clamp has been designed to withstand hammering or shitting of the weldment. It bolts into the cast-in sockets on the bottom of every square hole. This is a unique design, feature of Weldsale Platens.  
• Bolt down feature also allows 360° swivel.  
Clamping Envelope: 0- to 5" Throat: 4 1/2"

**\$262.50 EA**  
# WS18-134-36 Extra Long Horizontal Clamp  
Horizontal Clamping in Any Radial Direction  
• 360° Rotation  
• Clamping Envelope: 2" (With sliding Arm Reversed) to 36" Extra Tall!  
3 1/2" Throw of Screw

**\$298.75 EA**  
# WS17-134-30 Extra Long Vertical Clamp Arm Slides Up and Down Rail  
• 360° Rotation  
• Excellent for damping tail parts or clamping above the surface of the platen  
• Clamping Envelope: 0- to 28 3/4" Throat: 4 1/2"