



Pressing for the best solution
Since 1883

HPB Series

Designed and built to ANSI B-11.2
1995 (R-2000) compliance

FAST SETUPS. FAST CYCLING. BUILT TO DO TOUGH PRODUCTION JOBS.

Compact and economical, Greenerd bench presses are built to handle tough industrial production jobs. Designed for fast single-cycle operations, use them to punch, pierce, form, stake, mark, rivet, assemble, etc. They set the standard for quality, durability, and value.

All-steel welded frame provides maximum rigidity and minimum deflection for accurate parts and long tool life.

Removable press table. Easy to take off to drill, tap, or resurface.

The presses are cycled by pushing dual palm button controls. They are anti-tie-down, non-repeat controls with ring guards.

OR

Optional infrared two-handed controls to actuate the press effortlessly. You'll improve operator comfort and safety - and increase productivity. Controls operate just like conventional dual-palm buttons except that the operator initiates the cycle by passing both hands through the gaps. There's no pressing, no impact, no exertion. Meets OSHA requirements.

Heavy ram plate has ground rods with precision bushings to guide ram travel.

Adjustable up limit controls have an etched metal scale for setting stroke length.



Pressure easily adjustable on up-front control panel.

Solid-state programmable controller ensures instant control response and long-lasting, trouble-free electrical operation.

Clearance behind table for convenient part ejection.

Clearance under press (front to back) will accommodate a flat conveyor (not furnished) for removal of parts or slugs.

Pressure reversal switch reverses the ram when preset pressure is reached.

Manifold block hydraulic systems ensures low maintenance and low leak potential.

Fast cycling is achieved with high-speed advance and return, and a slower speed for pressing.

Slide-out oil reservoir allows easy servicing of hydraulic system.

Large throat depth accommodates large dies.

Greenerd Bench Press Specifications:

MODEL NO.	HPB-3	HPB-5	HPB-7	HPB-10
Tons (adjustable)	.6 to 3	1 to 5	1.4 to 7	2 to 10
Daylight (max open)	12"	12"	11.5"	14.5"
Stroke (adjustable)	6"	6"	6"	8"
Table, L-RxF-BxTHK	14"x10"x1"	14"x10"x1"	14"x10"x1.5"	18"x11"x2"
Ram link, L-RxF-BxTHK	4"x4"x1"	4"x4"x1"	4"x4"x1"	12"x6"x1.75"
Throat	7"	7"	7"	9"
Ram speeds: Advance, IPM	478	306	306	418
Press, IPM	110	71	71	84
Open, IPM	906	439	439	672
Gap behind Table	12"L-Rx2.5"F-B	12"L-Rx2.5"F-B	12"L-Rx2.5"F-B	15"L-Rx4"F-B
Pumps	5 GPM & 1.5 GPM	5 GPM & 1.5 GPM	5 GPM & 1.5 GPM	12GPM & 3 GPM
Motor, T.E.F.C., 230/460 V, 3-Ph, 60 Hz	3HP @ 1800RPM	3HP @ 1800RPM	3HP @ 1800RPM	5HP @ 1800RPM
Tank capacity, gallons	12	12	12	33
Cylinder bore	2"	2.5"	2.5"	3.25"
Ram dia	1.375" (1 3/8)	1.375" (1 3/8)	1.375" (1 3/8)	2"
Table Height	8.5"	8.5"	9"	14.5"
HxWxL	38"x28"x34"	38"x28"x34"	38"x28"x34"	51.5"x31.5"x40"
Weight, lbs (approximate)	700	700	750	1800

MODEL NO.	HPB-15	HPB-20	HPB-25	HPB-30
Tons (adjustable)	3 to 15	4 to 20	5 to 25	6 to 30
Daylight (max open)	14"	16"	16"	16"
Stroke (adjustable)	8"	8"	8"	8"
Table, L-RxF-BxTHK	18"x11"x2"	22"x15"x2"	22"x15"x2"	22"x15"x2"
Ram link, L-RxF-BxTHK	12"x6"x1.75"	14"x6"x1.75"	14"x6"x1.75"	14"x6"x1.75"
Throat	9"	10"	10"	10"
Ram speeds: Advance, IPM	276	176	176	123
Press, IPM	55	35	35	25
Open, IPM	453	346	346	221
Gap behind Table	15"x4"	18"x3"	18"x3"	18"x3"
Pumps	12GPM & 3GPM	12GPM & 3GPM	12GPM & 3GPM	12GPM & 3GPM
Motor, T.E.F.C., 230/460 V, 3-Ph, 60 Hz	5HP @ 1800RPM	5HP @ 1800RPM	5HP @ 1800RPM	5HP @ 1800RPM
Tank capacity, gallons	33	33	33	33
Cylinder bore	4"	5"	5"	6"
Ram dia	2.5"	3.5"	3.5"	4"
Table Height	14.5"	14.5"	14.5"	14.5"
HxWxL	51.5"x31.5"x40"	58.75"x35.5"x42.5"	58.75"x36"x42.5"	61"x36"x47.5"
Weight, lbs (approximate)	1800	2500	2700	3100

Optional Equipment

Floor stand - Design allows for comfortable operation sitting or standing. Angled center column provides comfortable knee clearance.

U-shaped slotted table

Infrared two-hand controls

Precision Depth Stop - This adjustable ram stop achieves a precise, positive depth stop and reversal. Prevents die damage.

Oil cooler. Provides continuous cooling. For special applications

Adjustable timer

Automatic cycling allows for continuous cycling with auxiliary equipment such as feeders, loaders, unloaders, etc.

Speed control

Special controls - consult factory

Special daylight or stroke - consult factory