

USA BUILT 

# SHOP PRESSES & ACCESSORIES



BUYERS' GUIDE



**AmeriEquip**<sup>TM</sup>  
**HD**

## CONTENTS

Shop Press Introduction .....	2
How to Determine Your Press Needs .....	3
25 Ton Shop Presses .....	4
50 Ton Shop Presses .....	5
100 Ton Shop Presses .....	6
Protector Shields .....	7
Press Kits.....	8
Punches, Bed Plates & V-Blocks.....	9
Bearing Splitters.....	10
Numerical Listing and Warranty .....	11

## VISION



***The professional technician's most valuable source  
for heavy duty shop presses and accessories***

**AmerEquip HD is an American based company** with over three decades of first hand experience in design, development and supplying of shop equipment to the automotive, heavy duty truck, collision repair and industrial markets. AmerEquip's products are designed to equip professional technicians with the heavy duty, dependable tools they expect. An all encompassing sales and service program supports AmerEquip's vision to be the professional technician's most valuable source of heavy duty shop equipment. Product development is continuous as AmerEquip has a sense of urgency to respond to technicians' input and industry needs.

# SHOP PRESS INTRODUCTION

**Determine Your Press Needs** Your choice of press model can be determined by considering the following options:

## 1 Determine Your Capacity Requirement: 25, 50 or 100 Ton

## 2 Determine Your Press Operating Speed:

**LEVEL 1 Manual Pump Presses** are intended for general shop use where there are no requirements for production speed operation. These presses are equipped with dual pump pistons; the larger diameter piston for quickly extending the ram to the work load and the smaller diameter piston for applying pressure.

**LEVEL 2 Manual Pump Presses With Air Assist** are intended for general shop use where there is occasional need for quicker cycling times. They are the same Manual Pump Presses as the LEVEL 1 Presses above but include an air assist feature that quickly extends the ram to the load by pushing a toggle switch. The smaller diameter pump piston must still be activated to apply ram pressure.

**LEVEL 3 Air/Hydraulic Presses** provide quicker cycle times by depressing an air valve at the end of a 48 inch long air line. Releasing the pressure is accomplished by turning a valve knob located at the pump.

**LEVEL 4 Air/Hydraulic Presses With Professional Air Assist** have multi-functional operations for general shop use up to production applications. The same Air/Hydraulic Presses as the LEVEL 3 Presses above but with the addition of an air assist toggle switch that quickly extends the ram to the load and can also be used to apply maximum pressure.

**LEVEL 5 Electro/Hydraulic Presses** are the ultimate in convenience of operation with a 10 foot power cord and hand operated push button control that turns the press on and off and presses and releases the work load.



**LEVEL 1**



**LEVEL 2**



**LEVEL 3**



**LEVEL 4**



**LEVEL 5**

See page 3 for full details of all the press levels and corresponding model numbers.

## 3 Determine Your Power Source:

**LEVEL 1** Presses are operated by hand pump.

**LEVEL 2, 3 & 4** Presses require 100 PSI shop air pressure.

**LEVEL 5** Presses require 110 volt AC electrical current.

## 4 Consider All Your Requirements (number 10 being the best performance rating):

Performance	LEVEL 1 Press	LEVEL 2 Press	LEVEL 3 Press	LEVEL 4 Press	LEVEL 5 Press
Speed	3	5	7	10	7
Operating Convenience	3	4	9	9	10
Operating Position Away from Press	0	0	7 (4 feet)	7 (4 feet)	10 (10 feet)

# PUMP LEVEL DETERMINES PRESS MODEL

**USA BUILT** 

See page 2 to determine your press needs.



## LEVEL 1 MANUAL PUMP PRESS FOR 25 AND 50 TON PRESSES

For general shop use where there are no requirements for production speed operation. These presses are equipped with dual pistons; the larger diameter piston for quickly extending the ram to the work load and the smaller diameter piston for applying pressure.

MODELS **212025** 25 Ton  
**212050** 50 Ton



## LEVEL 2 MANUAL PUMP PRESS WITH AIR ASSIST FOR 25 AND 50 TON PRESSES

For general shop use where there is occasional need for quicker cycling times. They are the same as LEVEL 1 presses but include an air assist feature that quickly extends the ram to the load by pushing a toggle switch. The smaller diameter pump piston must still be activated to apply ram pressure.

MODELS **212125** 25 Ton  
**212150** 50 Ton



## LEVEL 3 AIR/ HYDRAULIC PUMP PRESS FOR 25 AND 50 TON PRESSES

For quicker cycling times by depressing an air valve at the end of a 4 foot long air line. The pump requires 90 to 120 PSI air pressure to produce 10,000 PSI hydraulic pressure. Releasing the pressure is accomplished by turning a valve knob located at the pump.

MODELS **212126** 25 Ton  
**212156** 50 Ton



## LEVEL 4 AIR/ HYDRAULIC PUMP PRESS WITH PROFESSIONAL AIR ASSIST FOR 25 AND 50 TON PRESSES

Have multi-functional operations for general shop use up to production applications. They are the same as LEVEL 3 presses but with the addition of an air assist toggle switch that quickly extends the ram to the load and can also apply maximum pressure.

MODELS **212127** 25 Ton  
**212157** 50 Ton



## LEVEL 4 AIR/ HYDRAULIC PUMP PRESS FOR 100 TON PRESS

For general shop use up to production applications. A three position air lever (lower, stop, raise) controls a double acting 3 inch diameter ram for lowering and raising the ram.

MODEL **212100** 100 Ton



## LEVEL 5 ELECTRO/ HYDRAULIC PUMP PRESS FOR 50 AND 100 TON PRESSES

The ultimate in convenient operation with a 10 foot power cord and hand operated push button control that turns the press on and off and presses and releases the work load.

MODELS **212250** 50 Ton  
**212101** 100 Ton





## 50 TON SHOP PRESSES

**USA BUILT** 

## Manual Operated Press

## Model 212050

## 5 PRESS OPTIONS AVAILABLE

**PUMP CHOICE DETERMINES PRESS MODEL:**  
See page 2 to determine your press needs.

## PRESS FRAME FEATURES

- All-welded frame construction with sliding head for multiple work positions.
- Pre-drilled for installation of optional protector shield (page 7) and ability to mount hydraulic pump to either side of frame.
- 10,000 PSI pump easily produces maximum load rating.
- Pump includes overload valve so press cannot be used beyond its rated capacity.
- Glycerine filled hydraulic gauge protects against shock load and measures US and metric tons of force applied to component(s) being pressed.
- 2 Inch diameter ram accepts optional press kit components and includes dual spring retraction when load is released.
- Winch with non-slip safety clutch and solid steel cable rollers for easy raising and lowering of press bed.
- Pair of zinc plated bed plates, 4 zinc plated bed support pins and 2 inch diameter low profile punch included.



**MODEL 212050 50 Ton**

## OPTIONAL ACCESSORIES AND KIT:

*See pages 7-10 for full details.*

LEVEL	Model #	Capacity (Tons)	Ram Travel (In.)	Throat Height (In.)		Throat Width (In.)	Bed Height Adjustments (In.)		Between Bed Rails (In.)	Base (In.)		Overall Height (In.)	Shipping Weight (Lbs.)
				Min.	Max.		Qty.	In.		Width	Depth		
1	212050	50	6.125	5.25	30.5	34	7	5	10	42	48	78	1100
2	212150												1102
3	212156												1102
4	212157												1106
5	212250		8										1200

**USA BUILT** 

## Air/Hydraulic Operated Press

## Model 212100

## 2 PRESS OPTIONS AVAILABLE

See page 2 to determine your press needs.

## FEATURES

- All-welded frame construction with sliding head.
- Frame pre-drilled for installation of optional accessories.
- 6 Zinc plated bed pins for added support.
- Winch with non-slip safety clutch and solid steel cable rollers for easy raising and lowering of press bed.
- 10,000 PSI air/hydraulic pump requires 90 to 120 PSI air pressure to produce 10,000 PSI hydraulic pressure.
- Air/hydraulic pump with double acting 3 inch diameter ram powers down and up.
- Pump includes safety overload valve so press cannot be used beyond its rated capacity and a bypass system which prevents the ram from being over extended.
- Glycerine filled hydraulic gauge protects against shock load and measures US and metric tons of force applied to component(s) being pressed.
- Pair of zinc plated bed plates and 3 inch diameter low profile punch included.



**MODEL 212100 100 Ton**

## Electro/Hydraulic Operated Press

**Model 212101**

*See page 2 to determine your press needs.*

## FEATURES

- Same features as the 212100 but with the added convenience of a 110 volt, 10,000 PSI, UL approved electric pump and 4 position switch pendant with 10 foot cord. Switch pendant includes hand operated push button controls that turn the press on and off and presses and releases the work load.



**MODEL 212101 100 Ton**

*Note: Both models have same basic construction.*

## OPTIONAL ACCESSORIES AND KIT:

*See pages 7-10 for full details.*

LEVEL	Model #	Capacity (Tons)	Ram Travel (In.)	Throat Height (In.)		Throat Width (In.)	Bed Height Adjustments (In.)		Between Bed Rails (In.)	Base (In.)		Overall Height (In.)	Shipping Weight (Lbs.)
				Min.	Max.		Qty.	In.		Width	Depth		
4	212100	100	7	5.5	30	36	6	5	12	46	48	78	1500
5	212101												1550

# PROTECTOR SHIELDS FOR 25, 50 & 100 TON PRESSES

**USA BUILT** 

## Protector Shield Features

- Presses are pre-drilled to accept installation of protector shield.
- All necessary mounting hardware provided.
- Shields are counter balanced so they can easily be raised or lowered to any fixed position by hand.
- Extruded aluminum protector shield frame and counter balance frame.

**STEEL GROOVED  
PULLEY AND WIRE ROPE**

**COUNTER BALANCE WEIGHT**

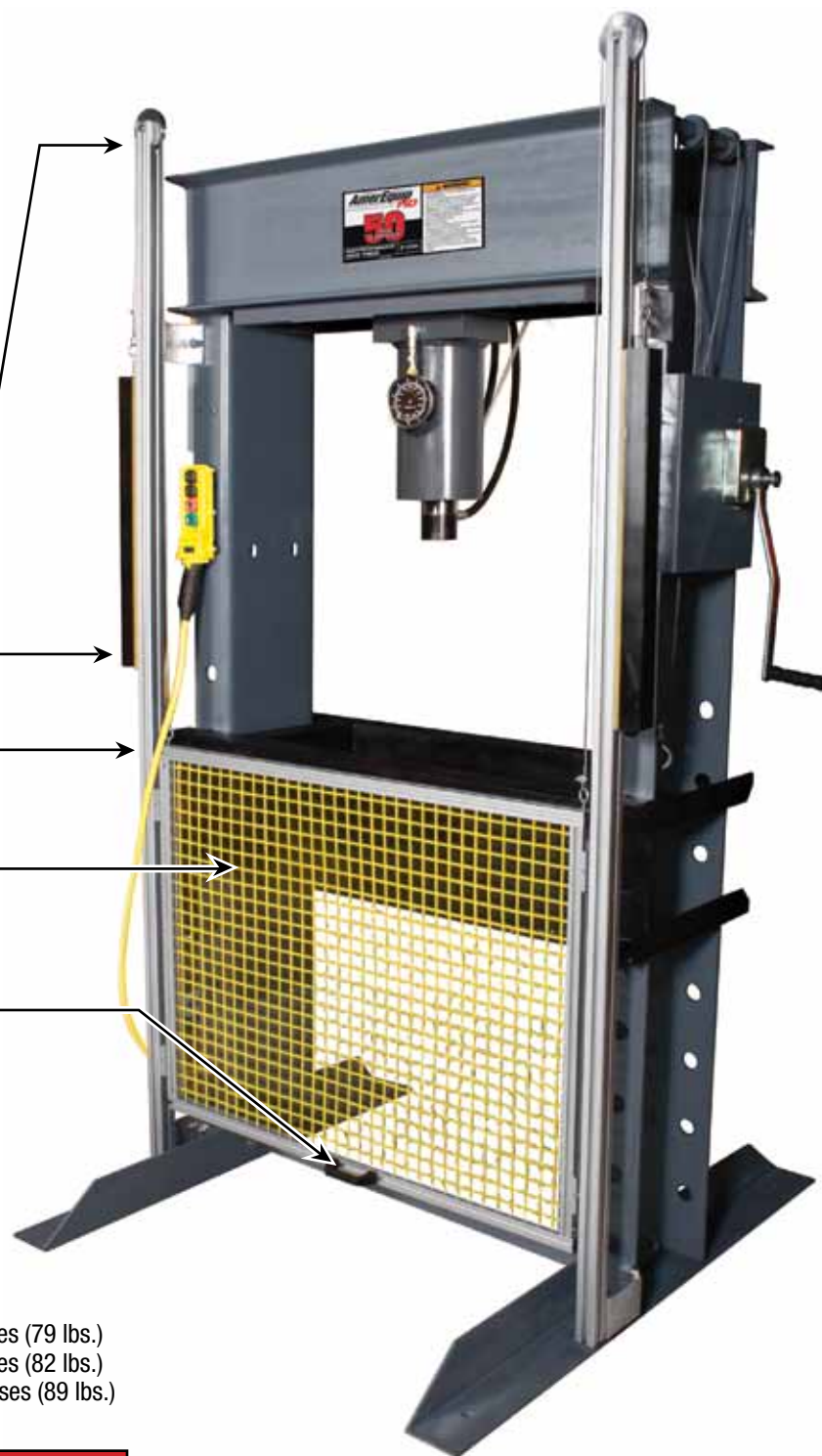
**EXTRUDED ALUMINUM FRAME**

**SHATTER-RESISTANT  
POLYURETHANE  
PROTECTOR SHIELD**

**HANDLE FOR RAISING  
AND LOWERING SHIELD**



**PATENT PENDING**



**MODEL 212129** Protector Shield for 25 Ton Presses (79 lbs.)  
**MODEL 212051** Protector Shield for 50 Ton Presses (82 lbs.)  
**MODEL 212102** Protector Shield for 100 Ton Presses (89 lbs.)

Press Model #	Press Capacity (Tons)	Applicable Protector Shield Model #
212025	25	212129
212125	25	212129
212126	25	212129
212127	25	212129
212050	50	212051
212150	50	212051

Press Model #	Press Capacity (Tons)	Applicable Protector Shield Model #
212156	50	212051
212157	50	212051
212250	50	212051
212100	100	212102
212101	100	212102



# PRESS KITS FOR 25, 50 & 100 TON PRESSES

**USA BUILT** 

## 25 Ton Press Kit

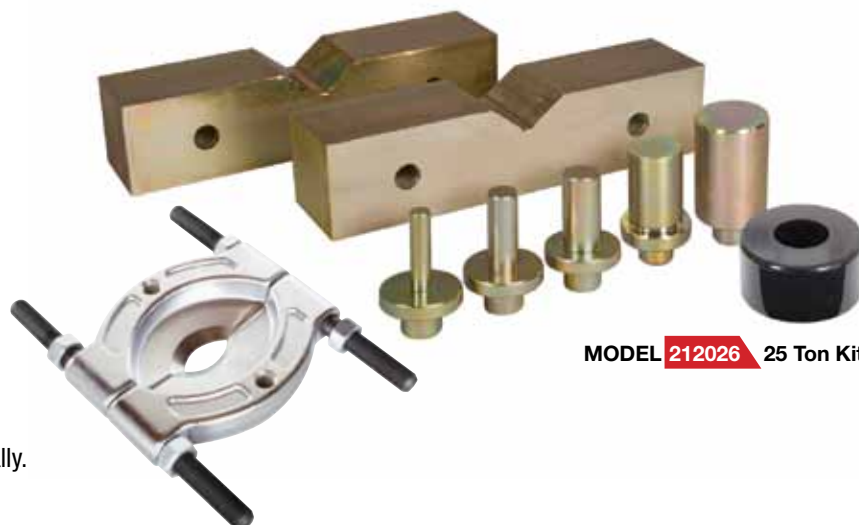
Model 212026

### INCLUDES:

- MODEL 212027** Pair of V-Blocks (75.5 lbs.)  
**MODEL 212028** 1/2" Dia. Punch (0.58 lbs.)  
**MODEL 212029** 3/4" Dia. Punch (0.66 lbs.)  
**MODEL 212031** 1" Dia. Punch (0.74 lbs.)  
**MODEL 212032** 1-1/2" Dia. Punch (1.08 lbs.)  
**MODEL 212033** 2" Dia. Punch (1.62 lbs.)  
**MODEL 185026** Bearing Splitter\* (12.56 lbs.)  
**MODEL 212036** Bearing Shield (1 lb.)

Note: all model numbers in kit are available individually.

\*Bearing Splitter made in Taiwan.



MODEL 212026 25 Ton Kit

## 50 Ton Press Kit

Model 212052

### INCLUDES:

- MODEL 212053** Pair of V-Blocks (78.5 lbs.)  
**MODEL 212028** 1/2" Dia. Punch (0.58 lbs.)  
**MODEL 212029** 3/4" Dia. Punch (0.66 lbs.)  
**MODEL 212031** 1" Dia. Punch (0.74 lbs.)  
**MODEL 212032** 1-1/2" Dia. Punch (1.08 lbs.)  
**MODEL 212033** 2" Dia. Punch (1.62 lbs.)

Note: all model numbers in kit are available individually.



MODEL 212052 50 Ton Kit

## 100 Ton Press Kit

Model 212103

### INCLUDES:

- MODEL 212104** Pair of V-Blocks (89.5 lbs.)  
**MODEL 212105** 3" Dia. Punch (1.6 lbs.)  
**MODEL 212106** 3" Dia. Punch with V-Groove (1.38 lbs.)

Note: all model numbers in kit are available individually.



MODEL 212103 100 Ton Kit

Press Model #	Press Capacity (Tons)	Applicable Press Kit Model #
212025	25	212026
212125	25	212026
212126	25	212026
212127	25	212026
212050	50	212052

Press Model #	Press Capacity (Tons)	Applicable Press Kit Model #
212156	50	212052
212157	50	212052
212250	50	212052
212100	100	212103
212101	100	212103

# PUNCHES, BED PLATES & V-BLOCKS

**USA BUILT** 

## Punches

### FEATURES

- All punches are made of precision machined, cold finished 1018 steel and are yellow zinc plated for durability.

### 25 & 50 TON CAPACITY:

- MODEL 212028** 1/2" Dia. Punch (0.58 lbs.)  
**MODEL 212029** 3/4" Dia. Punch (0.66 lbs.)  
**MODEL 212031** 1" Dia. Punch (0.74 lbs.)  
**MODEL 212032** 1-1/2" Dia. Punch (1.08 lbs.)  
**MODEL 212033** 2" Dia. Punch (1.62 lbs.)



### 100 TON CAPACITY:

- MODEL 212105** 3" Dia. Punch (1.6 lbs.)  
**MODEL 212106** 3" Dia. Punch with V-Groove (1.38 lbs.)



## Bed Plates

- MODEL 212038** 25 Ton Bed Plates (pair) 1"x 3"x 14" (23.5 lbs.)  
**MODEL 212039** 50 Ton Bed Plates (pair) 1"x 3"x 16" (27.5 lbs.)  
**MODEL 212041** 100 Ton Bed Plates (pair) 2"x 4"x 20" (92 lbs.)



- MODELS 212038** 25 Ton  
**212039** 50 Ton  
**212141** 100 Ton

*Note: All models have same basic construction.*

## V-Blocks

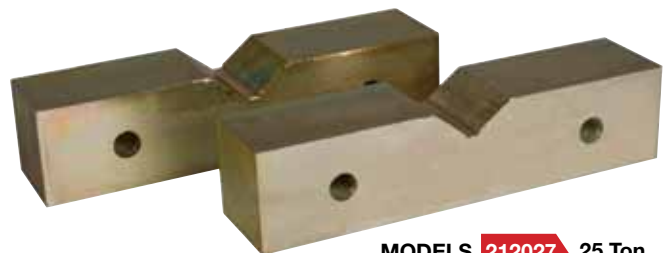
### FEATURES

- All v-blocks are made of precision machined, cold finished 1018 steel and are yellow zinc plated for durability, sold in pairs, excluding model 212037.

### 25 TON CAPACITY:

- MODEL 212027** 25 Ton V-Blocks (pair) 3"x 3"x 14"; the v groove is 2.375" wide and .937" deep (75.5 lbs.)

- MODEL 212037** 25 Ton Deep V-Block 3/4"x 12"x 14-1/2"; the v groove is 6" wide and 7-1/4" deep (32.1 lbs.)



- MODELS 212027** 25 Ton  
**212053** 50 Ton  
**212104** 100 Ton

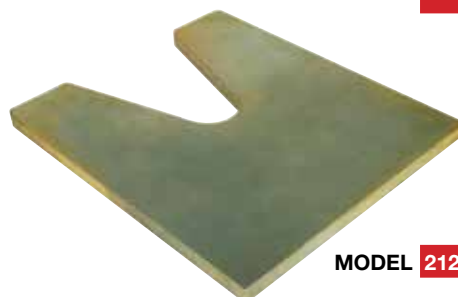
*Note: All models have same basic construction.*

### 50 TON CAPACITY:

- MODEL 212053** 50 Ton V-Blocks (pair) 3"x 3"x 16"; the v-groove is 2.625" wide and .937" deep (78.5 lbs.)

### 100 TON CAPACITY:

- MODEL 212104** 100 Ton V-Blocks (pair) 2"x 4"x 20"; the v-groove is 3.750" wide and 1.937" deep (89.5 lbs.)



- MODEL 212037** 25 Ton

# BEARING SPLITTERS



MODEL 185002

MODEL 185005

MODEL 185007

## Bearing Splitters

### FEATURES

- Splitter halves made of forged steel with sharp angled edges to get in between tightly assembled parts.
- Splitter halves include threaded holes for the acceptance of pushing/pulling attachments.
- Zinc plating and black oxide coating inhibit rust.

\*Bearing Splitters made in Taiwan.



MODEL 185025

MODEL 185026

MODEL 185050

Model #	Spread (In.)		Tapped Hole Size in Splitter Halves (In.)	Distance Between Adjustment Screws (In.)	Shipping Weight
	From	To			
185002	1/4	15/16	5/16"-18	1-11/16	12 oz.
185005	1/8	2	3/8"-16	2-7/16	1 Lb., 4 oz.
185007	1-3/4	5-7/8	5/8"-18	6	4 Lbs., 4 oz.
185025	1/2	4-5/8	5/8"-18	4-3/8	5 Lbs.
185026	1/2	9	5/8"-18	6	12 Lbs., 9 oz.
185050	5/8	8	1"-14	7-1/8	19 Lbs., 12 oz.

## Bearing Splitter Set

### FEATURES

- Rotomolded plastic carrying case with individual recesses for organized bearing splitter storage. Case provides easy access to splitters.
- Set includes four of the most commonly used bearing splitters and pulley pulling tool. See chart above for specifications on models 185002, 185005, 185025, 185026 bearing splitters and model 185007 pulley pulling tool.

\*Bearing Splitter Set made in Taiwan.



MODEL 185055

## NUMERICAL LISTING

PRODUCT MODEL NO.	CATALOG PAGE NO.	PRODUCT MODEL NO.	CATALOG PAGE NO.	PRODUCT MODEL NO.	CATALOG PAGE NO.	PRODUCT MODEL NO.	CATALOG PAGE NO.
101012.....	11	212025.....	4	212041.....	9	212125.....	4
101020.....	11	212026.....	8	212050.....	5	212126.....	4
101112.....	11	212027.....	8,9	212051.....	7	212127.....	4
101120.....	11	212028.....	8,9	212052.....	8	212129.....	7
132020.....	11	212029.....	8,9	212053.....	8,9	212150.....	5
185002.....	10	212031.....	8,9	212100.....	6	212156.....	5
185005.....	10	212032.....	8,9	212101.....	6	212157.....	5
185007.....	10	212033.....	8,9	212102.....	7	212250.....	5
185025.....	10	212036.....	8	212103.....	8		
185026.....	8,10	212037.....	9	212104.....	8,9		
185050.....	10	212038.....	9	212105.....	8,9		
185055.....	10	212039.....	9	212106.....	8,9		

## WARRANTY

AmerEquip® WARRANTS TO ITS CUSTOMERS THAT THE COMPANY'S AmerEquip® BRANDED PRODUCTS ARE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS. AmerEquip® will repair or replace its AmerEquip® branded products which fail to give satisfactory service due to defective workmanship or materials, based upon the terms and conditions of the following described warranty plans attributed to that specific product.

### AmerEquip® Warranty Plans:

AmerEquip® products carry a ONE-YEAR warranty. During this warranty period, AmerEquip® will repair or replace at our option any part or unit which proves to be defective in material or workmanship.

### SPECIAL NOTE FOR APPLYING WARRANTY PLANS TO PRODUCTS PURCHASED IN SETS:

If a product is purchased as a set, the warranty applies to the individual products within the set but not to the set as a whole.

### Other important warranty information...

- This warranty does not cover damage to equipment or tools arising from alteration, abuse, misuse, damage and does not cover any repairs or replacement made by anyone other than AmerEquip® or its authorized warranty service centers. The foregoing obligation is AmerEquip®'s sole liability under this or any implied warranty and under no circumstances shall we be liable for any incidental or consequential damages.
- Note: Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- To request a Return Goods Authorization (RGA), contact AmerEquip® Service Department at 1.800.833.7869 or fax 864.834.7954 with the following information: your name and address, evidence of the purchase date, and description of the suspected defect. After receiving an RGA number, return equipment or parts to AmerEquip®, transportation prepaid. Be sure to reference the RGA Number on all paperwork and packaging.
- If you have any questions about warranty service, please write to AmerEquip®. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.
- Repair kits and replacement parts are available for many AmerEquip® products regardless of whether or not the product is still covered by a warranty plan.



315 Hawkins Road • Travelers Rest, SC 29690  
 info@amerequiplifting.com • www.amerequiplifting.com  
 (800) 684-0277