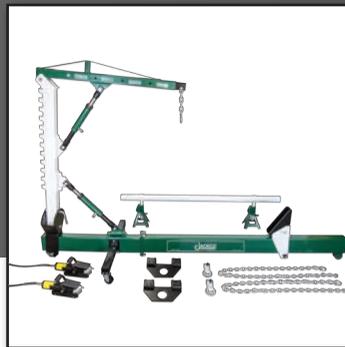




## HYDRAULIC TOOLS & EQUIPMENT



# PRODUCT CATALOG

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

2022

## About Us

Jackco Transnational Inc., established in 1994 in Los Angeles, California. We serve the automotive repair equipment industry focusing our efforts in hydraulic tools and equipment. We strive to bring you reliable, and quality tools that they can depend on everyday. Jackco works closely with domestic and overseas manufacturers to introduce new products into the market. We also provide international sourcing through our network of manufacturers to satisfy customer's specific needs/applications.



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## Model 804 - 4 Ton Set

Part No.	Description
804-1	Blow Mold Case
804-2	19 1/2" Extension Tube
804-3	16 1/2" Extension Tube
804-4	8 1/2" Extension Tube
804-5	5" Extension Tube
804-6	3 1/4" Extension Tube
804-7	Serrated Saddle
804-11	Spreader Ram
804-12	2 3/4" Rubber Head
804-13	Flat Base
804-14	Spreader Ram Toe
804-15	Spreader Plunger Toe
804-16	Wedge Base
804-17	90° V-Base
804-18	Connector
804-40	4 Ton Hydraulic Unit
804-41	4 Ton, 5" Stroke Ram
87006C	6 Ft. Hose With Half Coupling



Shipping Weight: 43 lbs.

## Model 811 - 10 Ton Set

Part No.	Description
811-1	Blow Mold Case
811-2	24" Extension Tube
811-3	21" Extension Tube
811-4	10" Extension Tube
811-5	5" Extension Tube
811-7	Serrated Saddle
811-11	Spreader Ram
811-12	3 1/4" Rubber Head
811-13	Flat Base
811-14	Spreader Ram Toe
811-15	Spreader Plunger Toe
811-16	Wedge Head
811-17	90° V-Base
811-18	Connector
811-40	10 Ton Hydraulic Unit
811-41	10 Ton, 6" Stroke Ram
87006C	6 Ft. Hose With Half Coupling



Shipping Weight: 83 lbs.



## Model 840

- Overload valve protects hydraulic system components regardless of air pressure.
- Automatic air valve is equipped for less air consumption.
- Improved muffler design further reduces exhaust noise.
- Included 6 ft. hydraulic hose.

Model	840
Rated Pressure	10,000 PSI (700 bar)
Air Pressure	90-120 PSI (6-8 bar)
Oil Flow @ 100 PSI Air Pressure	20 cu.in. / Min @ 0 PSI (335 c.c. / Min. @ 0 bar) 5.5 cu.in. / Min. @ 10,000 PSI (90 c.c. / Min @ 700 bar)
Usable Oil Capacity	27 cu.in. (450 c.c)
Air Consumption	6.6 CFM (11 m/hr)
Shipping Weight	12.1 lbs. (1 Set / Carton)



## Model 842

- 97 cu.in. /1600 c.c reservoir
- Designed to work with large diameter or multiple hydraulic cylinders.
- Aluminum alloy reservoir for light weight and durability

*Note: Hydraulic hose sold separately*

Model	842
Rated Pressure	10,000 PSI (700 bar)
Air Pressure	90-120 PSI (6-8 bar)
Usable Oil Capacity	97 cu.in. (1600 c.c)
Dimensions (LxWxH)	10 in. (255mm) x 5.6 in. (144mm) x 8.3 in. (210mm)
Shipping Weight	18.37 lbs. (1 Set / Carton)

## Model 14890 - Push & Pull Ram Set

- Carrying case for easy storage
- 5 piece push & pull rams
  - 5 Ton pull ram with attachments
  - 2 Ton pull ram with attachments
  - 10 Ton 2 1/4" push ram
  - 4 Ton 5/8" push ram

Shipping Weight: 38 lbs.



## Single Acting Rams

- Great for replacement or additions to the body and frame repair kit
- Custom length or specific tion available



Model	Capacity Ton	Stroke	Collapsed Height	Extended Height	Body O.D.	Piston O.D.	Base to Port C/L (in)	Piston Threaded Top	Collar Threads(in)	Collar Threads Lgth (In)	Plunger Diameter	Effective Ram Area Sq. In.	Operating Pressure PSI	Oil Capacity Cu. in.	Spring Return	Net Weight lbs.
80441	4	5"	10.63"	15.63"	Φ1.5"	Φ0.875"	2.03"	-	D1.5"-16	1.02"	1"	0.994	8050	5.0	YES	4.4
61041	10	6"	12"	18"	Φ 2.24"	Φ 1.5"		1-1/4"-11-1/2" NPT	D2.24"-14	1.18"	1.5"	2.462	8950	14.77	YES	11
81041	10	6"	14.6"	20.6"	Φ 2.24"	Φ1.31"	3.03"	-	D2.24"-14	1.18"	1.5"	2.462	8950	14.77	YES	11.4
684	10	8"	14.21"	22.21"	Φ2.24"	Φ1.5"	1.93"	1-1/4"-11-1/2" NPT	D2.24"-14	1.18"	1.5"	2.462	8950	19.70	YES	11.7
685	10	10"	16.02"	26.02"	Φ2.24"	Φ1.5"	1.71"	1-1/4"-11-1/2" NPT	D2.24"-14	1.18"	1.5"	2.462	8950	24.65	YES	12.3
682	2	5"	9.21"	14.21"	Φ1.49"	Φ0.75"	6.39"	-	D1.5"-16	1.06"	0.75"	0.552	7250	2.8	YES	3.7
686	5	5.47"	12"	17.48"	Φ2.24"	Φ1.24"	9"	-	D2.24"-14	1.1"	1.24"	1.257	8860	6.92	YES	9.4
678	4	0.62"	1.63"	2.26"	2.56"×1.73"	Φ1"	0.77"	-	-	-	1"	0.994	8050	0.6	NO	2.3
680	2	3"	4.96"	9.57"	Φ1.81"	Φ0.87"	0.81"	-	M1.18"×0.06"	1.04"	0.875"	0.785	5100	2.4	NO	1.9
688	10	2.25"	4.82"	6.83"	Φ2.24"	Φ 1.5"	0.71"	-	D2.24"-14	1.06"	1.5"	2.23	8950	5.0	YES	6.2

## Couplers



Model	Description
86380B	3/8" NPT Coupler (Ram)
86381B	3/8" NPT Coupler (Hose)
86380	3/8" NPT Coupler (Ram)
86381	3/8" NPT Coupler (Hose)

Model	Description
86140	1/4" NPT Coupler (Ram)
86141	1/4" NPT Coupler (Hose)
86100	3/8" to 1/4" Adapter
86110	1/4" to 3/8" Adapter

## Hose



Model	Description
87006C	6 Ft. Hydraulic Hose with 1/4" Coupler
87007C	6 Ft. Hydraulic Hose with 3/8" NPT fitting
87010C	10 Ft. Hydraulic Hose with 1/4" Coupler
87015C	15 Ft. Hydraulic Hose with 1/4" Coupler

## Model 69120B Air/Manual Bottle Jack

- Quicker than using conventional hand operated bottle jacks.
- Added safety when operator is able to watch the load more closely.
- Suitable for automotive, industrial, and agricultural use.

Capacity Ton	Collapsed Height		Extended Height		Shipping Weight lbs.
	in.	mm.	in.	mm.	
20	9 5/8"	245	18 5/8"	475	37



## Model 820B Air Hydraulic Jack

- Air-operated hydraulic service jack.
- Professional use in repairing trucks, trailers, buses and heavy duty vehicles.
- Air pressure range: 90-110 psi.
- One piece handle.

*Note: Adapters included for additional height*

Capacity Ton	Collapsed Height		Extended Height		Shipping Weight lbs.
	in.	mm.	in.	mm.	
20	8 7/8"	210	20 11/16	525	105



## Model 510S - Shop Press Bench Top Capacity: 10 Ton

Model	510S
Height:	36"
Width between uprights:	16 3/4"
Max Ram to Table	16"
Shipping Weight:	130 lbs.

- Strong heavy duty channel steel frame
- Hand pump can be either hung by the frame simply placed on the bench.
- Two nose pieces are included for various applications.
- Top mounted stainless steel liquid filled pressure gauge



## Model 521 - Shop Press with Bottle Jack Capacity: 20 Ton



- Adjustable table height
- Spring return ram
- Easily remove bearings, gears, U-joints, bushings, ball joints, pulleys, and more

Model	521
Height:	61 1/2"
Width:	26 3/8"
Working Space	1/4" - 34"
Net Weight:	259.6 lbs.
Shipping Weight:	281.6 lbs.

## Model 520B - Shop Press with Ram and 2 Speed Pump Capacity: 20 Ton



- Adjustable table height
- Spring return ram
- Easily remove bearings, gears, U-joints, bushings, ball joints, pulleys, and more
- Uses either manual operation or it can be connected to air

Model	520B
Height:	61 1/4"
Width:	25 9/10"
Working Space	9-10" - 34"
Ram Stroke	8"
Net Weight:	261.8 lbs.
Shipping Weight:	294.3 lbs.

## Model 71000R Rotating Engine Stand

- Effortlessly rotate the engine while it self locks in any position.
- Constructed of high-grade steel square tube.
- Tool tray keeps tools and parts easily accessible while working on an engine.

Model	71000R
Capacity:	1000 lbs.
Gear Ratio:	60:1
Net Weight:	88 lbs.
Shipping Weight:	94.6 lbs.



## Model 852B - Body Straightener

(Swivel Type) 1 - 10 Ton Hydraulic Hand Pump



## Model 853 - Body Straightener

(Swivel Type) 1 - Air Hydraulic Pump



## Model 858B - Body Straightener

(w/ 1.2 Ton Crane & Swivel Post)  
2- 10 Ton Hydraulic Hand Pumps



## Model 859 - Body Straightener

(w/ 1.2 Ton Crane & Swivel Post)  
2 - Air Hydraulic Pumps



Model	852B	858B	853	859
Frame Assembly	1 pc	1 pc	1 pc	1 pc
Multi-Position Anchor Post	1 pc	1 pc	1 pc	1 pc
10 Ton 6" Stroke Ram	1 pc	2 pcs	1 pc	2 pcs
Manual Pump	1 pc	2 pcs	---	---
Air Hydraulic Pump	---	---	1 pc	2 pcs
Pull Ring	2 pcs	2 pcs	2 pcs	2 pcs
Pull Clamp	2 pcs	2 pcs	2 pcs	2 pcs
6 ft. Chain with Hook	2 pcs	2 pcs	2 pcs	2 pcs
Support Stand	2 pcs	2 pcs	2 pcs	2 pcs
Cross-Tube	1 pc	1 pc	1 pc	1 pc
Underbody Support Clamp	2 pcs	2 pcs	2 pcs	2 pcs
Crane	---	1 pc	---	1 pc
Approx. Shipping Weight	510 lbs.	608 lbs.	503 lbs.	596 lbs.

## Power Pulling Post

- All steel construction
- Versatile pin locations for different pulling height or angle.
- Metal wheels for easy movement around the shop

Model	890	892
Post Height	55.5"	68"
Pin Location Spacing	2.25"	3.35"
Number of Pin Holes	10	13
Ram Stroke	6"	8"
Base Dimensions	16" x 25"	16" x 33"
Metal Wheels	Yes	Yes
Net Weight	155 lbs	188 lbs



## Model 890-AP Anchor Pots

- For pulling posts and auto body frame machines.
- Attached cover
- 3 1/2" diameter, uses 3/8" chains
- Easy and quick install
- Tightens as you pull
- Made in USA



## Model RS115 / RS120 The Rail Saver Repair System

Designed to help collision shops repair more cars better, faster. More cars, quicker cycle time, better repairs.

- Repairs side members and frame rails fast from the inside out
- NO heating necessary
- Don't spend time drilling and cutting access holes only to weld them back together
- 4 tons surface pressure with 1.2" expansion
- Repairs rails up to 27" deep
- Precision frame rail and side member repair
- Increases repair accessibility
- Superb metal finishing capabilities
- Convex dollies to avoid protrusions
- "Lean" storage system with a case and wall mount bracket
- Pays for itself within a couple of uses especially if you save a vehicle from total loss



### What's Included?

RS115	RS120
The Rail Saver	The Rail Saver
Accessory Kit	Accessory Kit
Ram	Ram
Case	Case
Wall Bracket	Wall Bracket
-	4 Ton Pump with Hose

## Model 18306

Clamp Width 100mm

- Capacity: 5 Ton
- Shipping Weight: 9 lbs.



## Model 18308

Self-Tightening Right Clamp

- Capacity: 3 Ton
- Shipping Weight: 10 lbs.



## Model 17102

Back Clamp

- Capacity:  
2 Ton Cross - Direction  
5 Ton Longitudinal - Direction
- Shipping Weight: 4.76 lbs.



## Model 17105

Self-Tightening Right Clamp

- Capacity:  
2 Ton Cross - Direction  
3 Ton Longitudinal - Direction
- Shipping Weight: 5.06 lbs.



## Model 17113

Double Hook Set

- When needing to connect two chains or shortening a long chain.
- Grade 70
- 3/8" Clevis Grab Hooks
- Shipping Weight: 2.4 lbs.



## Model Chain38-10

10' Chain with Hook

- Length 6 ft.
- Grade 70
- 3/8" Clevis Grab Hook
- Shipping Weight: 14 lbs.



## Model 17119

Double Hook Set

- Length: 19"
- When needing to connect two chains or shortening a long chain.
- Grade 70
- 3/8" Clevis Grab Hooks
- Shipping Weight: 4 lbs.



## Model Chain38-20

20' Chain with Hook

- Length 20 ft.
- Grade 70
- 3/8" Clevis Grab Hook
- Shipping Weight: 28 lbs.

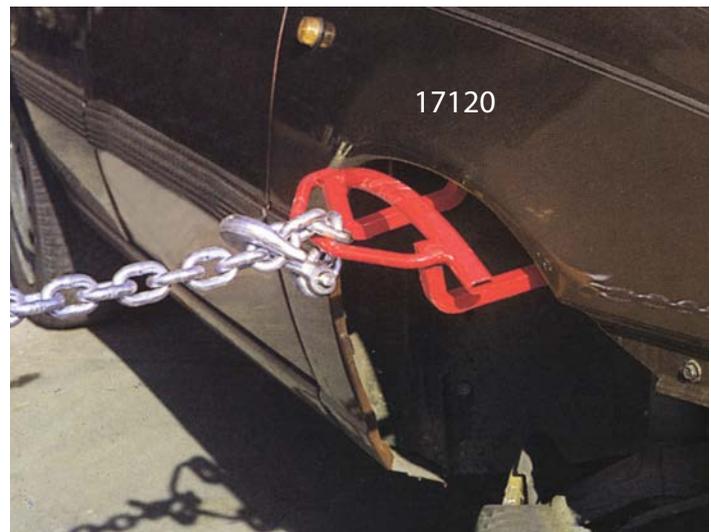
**Model 17125**  
Pull Clamp

- Capacity: 3 Ton
- Unique two clamp jaw sizes in one clamp design.
- Pull ring can be installed from both directions, depending on the work area.
- Shipping Weight: 4.5 lbs.



**Model 17120**  
Quarter Puller

- Pulls rear quarter and wheel well.
- Hooks above the lip of the wheel opening.
- Two curvatures (one on each side) will fit almost all car .
- Shipping Weight: 4.2 lbs.



**Model 17122**  
Mini Quarter Puller

- Fits small openings
- Perfect for taillight openings and radiator supports.
- Shipping Weight: 3.5 lbs.



**Model 18540**  
Pull Hook Set

- Shipping Weight: 22.1 lbs.



## Model 766B

Capacity: ½ Ton

- Professional transmission jack suitable for use under hoists on passenger cars & light trucks.
- Wide leg base with swivel wheels (brakes on two wheels)
- Fully adjustable universal saddle.
- Foot operated hydraulic pump for ease of control when positioning or removing transmission.
- Tilt forward 24° / backward 19° / left 20° / right 10°
- Meets ANSI/ASME PALD & CE/GS standards.

Model	766B
Capacity:	0.5 Ton
Min Height:	35.2"
Max Height:	71.7"
Shipping Weight:	165 lbs.



## Model 770

Capacity: 1 ½ Ton

- Low profile transmission jack for heavy duty transmission repair.
- Pump handle rotates 360° for all position operation.
- Large metal casters for easy maneuvering.

Model	770
Capacity:	1.5 Ton
Min Height:	8.6"
Max Height:	37"
Net Weight:	293 lbs.
Shipping Weight:	336.7 lbs.
Dimensions:	45" (L) x 26.5" (W)



## Model 65300

3 Ton Low Profil Aluminum Jack

- Aircraft billet aluminum construction.
- Dual plunger for quick lift.
- Side "D" handles for easy handling.
- Wide 2" front roller for stability.
- Foam grip insert included.

Model	65300
Capacity:	3 Ton
Strokes to Max Height	6
Min Height:	3.8"
Max Height:	18.1"
Saddle Diameter	4.5"
Shipping Weight:	59.4 lbs.
Dimensions:	26.4" (L) x 13" (W)



## Model 66300C Capacity: 3 Ton

- Large 3.5" by 2" wide front roller.
- Comfortable foam grip.
- Rubber saddle protects under car pinch welds.
- Formed steel frame for ultra rigidity.
- Fast lifting with dual plunger hydraulic power unit.

Model	66300C
Capacity:	3 Ton
# of Pumps* to Max Height:	4
Min Height:	4.3"
Max Height:	20.25"
Saddle Diameter:	4.7"
Net Weight:	97.2 lbs.
Shipping Weight:	101 lbs.
Dimensions:	29.75" (L) x 14.2" (W)

\*One pump is defined as one full angle of motion on the handle



## Model 66305 **NEW** Capacity: 3 Ton Long Reach Floor Jack

- Low-Profile, long reach. Easily fits under 1 w cars.
- Dual plunger hydraulic power unit.
- Convenient tray for storing lug nuts or tools.

Model	66305
Capacity:	3 Ton
# of Pumps* to Max Height:	8
Min Height:	3.25"
Max Height:	24.1875"
Saddle Diameter	4"
Net Weight:	101 lbs.
Dimensions:	32.5 in (L) x 14.5 in (W)

\*One pump is defined as one full angle of motion on the handle



## Model 66500 / 66510 Capacity: 5 Ton / 10 Ton Long Chassis Floor Jack

- Heavy duty steel frame construction.
- Equipped with foot pedal for faster lifting.
- Release knob for controlled lowering.
- Durable cast iron wheels and casters.

Model	66500	66510
Capacity:	5 Ton	10 Ton
Lift Range:	16.1"	15.8"
Min Height:	5.9"	6.2"
Max Height:	22"	22"
Net Weight:	222.2 lbs.	319 lbs.
Dimensions:	55" (L) x 14" (W)	62" (L) x 17.5" (W)



## Jack Stands



40030

40060

Model	40030	40060
Capacity (Ton)	3	6
Min. Height IN. / MM.	12 1/2" / 310	16" / 406
Max Height IN. / MM.	17 5/8" / 446	24 3/4" / 629
Shipping Weight:	14.85 lbs.	28.6 lbs.
Cu.Ft.	0.7	1.3

## Model 40035 Capacity: 3 Ton Aluminum Jack Stands

- Aircraft-grade aluminum
- Lightweight - less than 5 lbs. each
- 6 adjusting positions from 9.5" to 15.25"
- Stable 7.1" diameter circular base
- 2" saddle
- Sold in pairs

Model	40035
Capacity:	3 Ton
Min. Height	9.5"
Max. Height	15.25"
Net Weight	9.9 lbs.
Shipping Weight	11 lbs.



## Model CD310

### 1500 LB Car Positioning Dolly

- Heavy duty steel construction lifts individual wheel weight up to 1500 lbs.
- Ratcheting foot pedal for hands free and safe lifting and lowering of the tire.
- Side handle for easy carrying and transport
- Smooth rolling wheels
- Aluminum rollers
- For tires up to 12.8" wide

Model	CD310
Capacity	1500 lbs.
Maximum Tire Width	12.8"
Shipping Weight:	45 lbs.



## Model 22050

### Engine Holder - Swivel Type



Side View

- Engine Support Bar adjusts to the slope of the engine bay
- The base can be placed into the engine bay and the top bar be adjusted straight.

Model	22050
Capacity	1000 lbs.
Total Length of Bar	59.5"
Base Width	8.75"
Height:	8.5"
Shipping Weight	33.66 lbs.



## Model 43340

### Underhoist Stand

- Features all steel construction and threaded base.
- Great for replacing exhaust systems and under hoist works.

Model	43340
Capacity (Ton)	$\frac{3}{4}$
Min. Height IN. / MM.	55" / 1395
Max Height IN. / MM.	78.5" / 1995
Shipping Weight:	30.8 lbs.

### Model 01032 / 01128 Hydraulic Oil

- Pour point depression to -22° F.
- Protects against rust and corrosion.
- For use in bottle jacks, floor jack , fork lifts and many other hydraulic applications.

Model	Volume	Case Q'ty
01032	32 fl.oz.	12
01128	1 Gallon	4



### Model 05032 / 05128 Compressor Oil

- Good oxidation resistance to minimize sludge and varnish formation
- Excellent rust and corrosion protection
- Excellent water separating characteristics to minimize emulsions
- Good foam resistance
- Low carbon forming tendencies
- Power savings and lower maintenance costs

Model	Volume	Case Q'ty
05032	32 fl.oz.	12
05128	1 Gallon	4



### Model 03004 / 03008 / 03016 Air Tool Oil

- Rapid water separation
- Protects against rust and corrosion
- Prevents foam, gums, sludge, etc.
- Increases RPMs and torque
- Suitable for air in-line lubricator
- Provides positive lubrication for piston-driven and rotary air tools

Model	Volume	Case Q'ty
03004	4 fl.oz.	12
03008	8 fl.oz.	12
03016	16 fl. oz.	12



### Model VG100 Vacuum Grip

- Ideal for picking up glass and uses on car surfaces.
- Made from high impact plastic.
- Capacity: 77 lbs.



### Model VG200 Vacuum Grip

- Ideal for picking up glass and uses on car surfaces.
- Made from high impact plastic.
- Capacity: 154 lbs.



### Model VG500 Vacuum Grip

- Capacity: 55 lbs.



Note: Not intended for use on surfaces permeable by air, such as wood or cement.

## Model HT-210 Interchangeable Ratcheting Terminal Crimper Set

- Includes 7 Die Sets for the most popular automotive terminal crimping applications.
- Quickly and easily change Die Sets.
- Crimping Tool has a carbon steel frame with comfortable cushion grips. For right or left handed
- Ratcheting action ensures a perfect crimp every time.

### Dies Included:

- |                                      |                                                 |
|--------------------------------------|-------------------------------------------------|
| A: Insulated Terminals               | A4: Insulated Flag Terminal                     |
| A1: Heat Shrink Butt Connector       | A5: Closed End Connector & Heat Shrink Terminal |
| A2: Fully Insulated Quick Disconnect | A6: Insulated Flag Terminal                     |
| A3: Miniture Insulated Terminal      |                                                 |



## Model HT-2116 225pc Weather Pack Terminal Ratcheting Crimping Tool & Connector Kit

- Variety of 1, 2, 3, 4 pole connector housings, male and female terminals, seals, terminal release tool and wire strippers
- Works with 22-12 AWG (0.35-3.0 mm<sup>2</sup>) wire.
- Two dies included for different gauge wire. They can be easily switched off and on. Includes tool to remove terminals from housings
- Crimps the seal & terminal in one operation
- Crimping Tool has a carbon steel frame with comfortable cushion grips. For right or left handed



## Model HT-2121 236pc 1.5 Superseal Terminal Ratcheting Crimping Tool & Connector Kit

- Variety of 1, 2, 3, 4, 5, 6 pole connector housings, male and female terminals, seals and wire strippers
- Works with 22-16 AWG (0.35-1.5 mm<sup>2</sup>) wire.
- Two dies included for different gauge wire. They can be easily switched off and on.
- Crimps the seal & terminal in one operation
- Lightweight Aluminum body ratcheting handle



### Model HT-2111 Interchangeable Ratcheting Terminal Crimper Set

- Includes 12 Die Sets for the most popular automotive terminal crimping applications. (**Insulated, Non-Insulated, Open Barrel**). Wire stripper also included.
- Quickly and easily change Die Sets.
- Crimping Tool has a carbon steel frame with comfortable cushion grips. For right or left handed
- **A, A1, A2, A3, A4, A5, A6, B, C, D, F, H1** dies included



### Model HT-2112 Interchangeable Ratcheting Terminal Crimper Set

- Includes 12 Die Sets for the most popular automotive terminal crimping applications. (**Insulated, Superseal, Weatherpack**). Wire stripper also included.
- Quickly and easily change Die Sets.
- Crimping Tool has a carbon steel frame with comfortable cushion grips. For right or left handed
- **A, A1, A2, A3, A4, A5, A6, H1, H2, H3, H6, H7** dies included



### Model HT-2127 13 pc Deutsch Crimper Kit

- Includes 7 Die Sets - - Suitable for DT, DTP and DTM Series Connectors. Wire stripper and removal tools also included.
- Quickly and easily change Die Sets.
- Crimping Tool has a carbon steel frame with comfortable cushion grips. For right or left handed
- Ratcheting action ensures a perfect crimp every time.
- Supplied in a durable, plastic molded storage case.
- **K1, K2, K3, K4, K5, K6, K7** dies included



### Model HT-2150 JPT & MCP Flat Connector Repair Kit

**Where to Use:** Electrical connector common throughout the auto industry can be found on: Mass air fl w sensor (MAF), pressure sensor (MAP), Ignition system, Coolant Temperature sensor (CTS), Oxygen sensor, Clutch pressure connector and EV1 injector etc.

- Quickly and easily change Die Sets.
- **L DIE:** AWG 24-13  
DIN 0.2-0.5/0.2-0.5/0.5-1.0/1.5-2.5 mm2
- **L1DIE:** AWG 20-14  
DIN 0.5-1.0/1.5-2.5/0.5-1.0/1.5-2.5 mm2



### Model HT-2126 7pc Deutsch Terminal Release/Removal Tool Kit

- Designed to release wires from Deutsch terminal blocks without damage.
- 7pc set includes: 4, 8, 12, 14, 16, and 20 gauge wire terminal release tools and a wedge/fl t tip screwdriver.
- Aluminum handles with stainless steel tip (size labeled on each handle).



## For Insulated & Non-Insulated Terminals



### A DIE

*Insulated Terminal*

AWG 22-18/16-14/12-10  
0.5-1.0/1.5-2.5/4.0-6.0 mm<sup>2</sup>



### A5 DIE

*Closed End Connector & Heat Shrink Terminal*

AWG 22-16/16-14/12-10  
0.5-1.5/1.5-2.5/4.0-6.0 mm<sup>2</sup>



### A1 DIE

*Heat Shrink Butt Connector*

AWG 22-18/16-14/12-10/8  
0.5-1.0/1.5-2.5/4.0-6.0/10 mm<sup>2</sup>



### A6 DIE

*Insulated Flag Terminal*

AWG 12-10  
4.0-6.0 mm<sup>2</sup>



### A2 DIE

*Fully Insulated Quick Disconnecter*

AWG 22-18/16-14/12-10  
0.5-1.0/1.5-2.5/4.0-6.0 mm<sup>2</sup>



### B DIE

*Non-Insulated Terminal*

AWG 20-16/16-14/12-10/8  
0.5-1.5/1.5-2.5/4.0-6.0/10 mm<sup>2</sup>



### A3 DIE

*Miniature Insulated Terminal*

AWG 26-22/24-18/22-16  
0.1-0.5/0.25-1.0/0.5-1.5 mm<sup>2</sup>



### B1 DIE

*Non-Insulated Terminal*

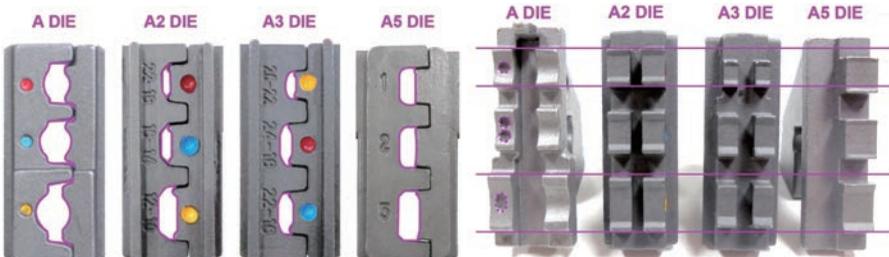
AWG 6/4  
16/25 mm<sup>2</sup>



### A4 DIE

*Insulated Flag Terminal*

AWG 22-18/16-14  
0.5-1.0/1.5-2.5 mm<sup>2</sup>



## For Open Barrel Terminals

★ **C DIE**  
**Open Barrel Terminal**  
 AWG 20-18/16-14/12-10  
 0.5-1.0/1.5-2.5/4.0-6.0 mm<sup>2</sup>

★ **C1 DIE**  
**Open Barrel Terminal**  
 AWG 26-24/24-22/22-18  
 0.1-0.25/0.25-0.5/0.5-1.0 mm<sup>2</sup>

★ **C3 DIE**  
**For Open Barrel 205 & 250 Type Flag Terminal**  
 AWG 14-20/16-20  
 2.5-0.5/1.5-0.5 mm<sup>2</sup>

★ **H DIE**  
**Open Barrel Terminal & D-Sub, V3.5**  
 AWG 14/22/8-6  
 2.5/0.5/8.0-10 mm<sup>2</sup>

★ **I4 DIE**  
**Open Barrel Splice**  
 AWG 26-24/24-22/22-18 /16-14  
 0.1-0.25/0.25-0.5/0.5-1.0 /1.5-2.5 mm<sup>2</sup>

## For TE Timer Contact

★ **L DIE**  
**For JPT Receptacle Contact**  
 AWG 24-13  
 0.2-0.5/0.2-0.5 /0.5-1.0/1.5-2.5 mm<sup>2</sup>

★ **L1 DIE**  
**For JPT & MCP Flat Contact**  
 AWG 20-14  
 0.5-1.0/1.5-2.5 /0.5-1.0/1.5-2.5 mm<sup>2</sup>

★ **L2 DIE**  
**For JT & ST Receptacle Contact**  
 AWG 20-13  
 0.5-1.0/1.5/1.0-1.5/ 2.5 mm<sup>2</sup>

## Choose your own die set

Select a combination of dies to make your own set. Supplied in EVA foam organizer.

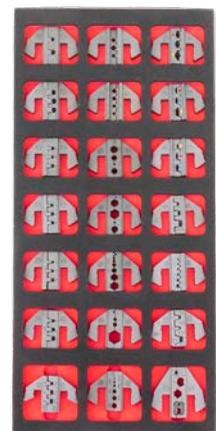


HT-2139-EVA6

- **HT-2139-EVA6** - 6 Dies
- **HT-2139-EVA10** - 7/8 Dies, Crimping Tool Handle, Wire Strippers
- **HT-2139-EVA21** - 21 Dies

**HT-2132** - Blow Mold Case - 11/12 Dies, Crimping Tool Handle, Wire Strippers

**HT-2136** - Blow Mold Case - 25 Dies



HT-2139-EVA21



HT-2132



HT-2136



HT-2139-EVA10

## For BNC Connector



**E DIE**  
**RG type Coaxial Cable Connector**  
 .255/.213/.100/.068/.324"  
 6.48/5.41/2.54/1.72/8.23 mm  
 RG 58, 59, 62, 6



**E4 DIE**  
**RG type Coaxial Cable Connector**  
 .100/.128/.429"  
 2.54/3.25/10.9 mm  
 RG 8, 11, 174, 179, 213



**E1 DIE**  
**RG type Coaxial Cable Connector**  
 .255/.187/.068/.213"  
 6.48/4.75/1.72/5.41 mm  
 RG 58, 59, 62, 174



**E5 DIE**  
**RG type Coaxial Cable Connector**  
 .042/.068/.078/.128/.151/.178"  
 1.07/1.72/1.98/3.25/3.84/4.52 mm  
 RG 174, 179 Belden, 8218 Fiber Optic



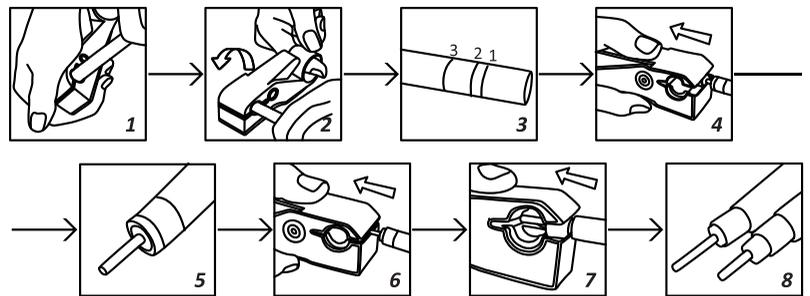
**E2 DIE**  
**RG type Coaxial Cable Connector**  
 .256/.319/.068/.213"  
 6.50/8.10/1.72/5.41 mm  
 RG 58, 59, 62, 6



**E6 DIE**  
**RG type Coaxial Cable Connector**  
 .100/.213/.319/.360"  
 2.54/5.41/8.10/9.14 mm  
 RG 58, 59, 6



**E3 DIE**  
**RG type Coaxial Cable Connector**  
 .043/.068/.100/.137/.213/.255"  
 1.09/1.72/2.54/3.48/5.41/6.48 mm  
 RG 58, 59, 62, 174, Fiber Optic



**E~E6 DIE RG type Coaxial Cable Connector Ratchet Crimper**

DIE														PN		SO PN	
	.429" 10.9	.360" 9.14	.324" 8.23	.319" 8.10	.256" 6.50	.255" 6.48	.213" 5.41	.187" 4.75	.178" 4.52	.151" 3.84	.137" 3.48	.128" 3.25	.100" 2.54	.078" 1.98	.068" 1.72	.043" 1.09	.042" 1.07
E			✓			✓	✓						✓	✓			
E1						✓	✓	✓							✓		
E2				✓	✓		✓								✓		
E3						✓	✓			✓			✓	✓		✓	
E4	✓											✓	✓				
E5								✓	✓			✓		✓			✓
E6		✓		✓			✓					✓					

For Solar Connector

★ **IQ1 DIE**  
 For MC3 Solar Connector  
 AWG 14/12/10  
 2.5/4.0/6.0 mm<sup>2</sup>

★ **IQ2 DIE**  
 For MC4 Solar Connector  
 AWG 14/12/10  
 2.5/4.0/6.0 mm<sup>2</sup>

★ **IQ3 DIE**  
 For Tyco Solar Connector  
 AWG 15-10  
 1.5/2.5/4.0/6.0 mm<sup>2</sup>



For Cord End Terminals

★ **D DIE**  
 Cord End Terminal  
 AWG 22/20/18/16 /14/12  
 0.5/0.75/1.0/1.5 /2.5/4.0 mm<sup>2</sup>

★ **F1 DIE**  
 Cord End Terminal  
 AWG 4/2  
 25/35 mm<sup>2</sup>

★ **F DIE**  
 Cord End Terminal  
 AWG 10/8/6  
 6.0/10/16 mm<sup>2</sup>

Adjustable

Quick Release

For Spark Plug Connectors

★ **H1 DIE**  
 Spark Plug Connector  
 AWG 17  
 1.0 mm<sup>2</sup>

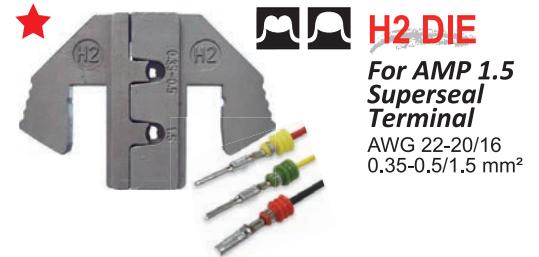
## For Superseal Terminals

### Model HT-2120 Superseal Connector Terminal Ratcheting Crimping Tool

- Works with 22-20/16 AWG (0.35-0.5/1.5 mm<sup>2</sup>) and AWG 18/17 (0.75/1.0 mm<sup>2</sup>) wire.
- Two dies included for different gauge wire.
- Crimps the seal & terminal in one operation

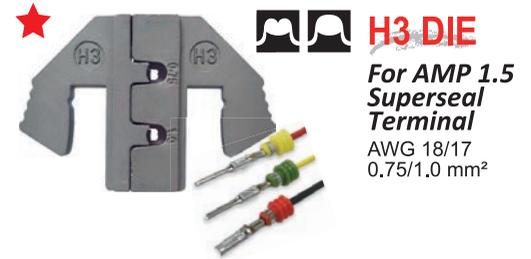
**Dies Included:**

- H2: AWG 22-20/16
- H3: AWG 18/17



**H2 DIE**

**For AMP 1.5 Superseal Terminal**  
AWG 22-20/16  
0.35-0.5/1.5 mm<sup>2</sup>



**H3 DIE**

**For AMP 1.5 Superseal Terminal**  
AWG 18/17  
0.75/1.0 mm<sup>2</sup>

## For Weather Pack Terminals

### Model HT-2115 Delphi Weather Pack Connector Terminal Ratcheting Crimping Tool



**H6 DIE**

**For Delphi Weather Pack Terminal**  
AWG 22/20-18  
0.35/0.5-0.8 mm<sup>2</sup>



**H7 DIE**

**For Delphi Weather Pack Terminal**  
AWG 16-14/12  
1.0-2.0/3.0 mm<sup>2</sup>

- Works with 22-12 AWG (0.35-3.0 mm<sup>2</sup>) wire.
- Two dies included for different gauge wire.
- Crimps the seal & terminal in one operation
- Includes tool to remove terminals from housings

**Dies Included:**

- H6: AWG 22/20-18
- H7: AWG 16-14/12



## For Deutsch Terminals

★ **K1 DIE**  
 For Deutsch Terminal  
 AWG 14/12  
 For DTP

★ **K4 DIE**  
 For Deutsch Terminal  
 AWG 20/18/16  
 For DT

★ **K2 DIE**  
 For Deutsch Terminal  
 AWG 10/12  
 6.0/5.0 mm<sup>2</sup>  
 For DTP

★ **K5 DIE**  
 For Deutsch Terminal  
 AWG 20/18/16  
 For DTM

★ **K3 DIE**  
 For Deutsch Terminal  
 AWG 18/16/14  
 For DT

★ **K6 DIE**  
 For Deutsch Terminal  
 AWG 16/14/12  
 For DT

**DT P Series**

**DT Series**



**DT M Series**



★ **K7 DIE**  
 For Deutsch Terminal  
 (Solid type)  
 Size 20/16/12  
 For DTM/DT/DTP

★ **KQ8 DIE**  
 For Deutsch Contact  
 (Solid type)  
 Size 20/16/12  
 For DTM/DT/DTP

## Model HT-2125 Deutsch Crimper Kit

- Includes 6 Die Sets - - Suitable for DT, DTP and DTM Series Connectors.
- Ratcheting action ensures a perfect crimp every time.
- **K1, K2, K3, K4, K5, K6** dies included



## 2" & 3" Roloc Zirconia Sanding Discs

- **Course(Brown)** - meant for heavy material removal or jobs requiring considerable mechanical strength
- **Medium(Red)** - meant for medium duty jobs, light deburring
- **Fine(Blue)** - blending, and color discoloration removal, meant not to remove much material at all



Part #	Item	Quantity
QZ32024-50	2" - 24 Grit	50 pcs
QZ32036-50	2" - 36 Grit	50 pcs
QZ32080-50	2" - 80 Grit	50 pcs
QZ33024-25	3" - 24 Grit	25 pcs
QZ33036-25	3" - 36 Grit	25 pcs
QZ33080-25	3" - 80 Grit	25 pcs

## 2" & 3" Roloc Surface Conditioning Pads

- Faster, aggressive and long lasting application
- Works on all types of surfaces.
- Sand, level, strip, deburr, remove rust



Part #	Item	Quantity
QS3207-50	2" - Fine Blue	50 pcs
QS3205-50	2" - Medium Maroon	50 pcs
QS3203-50	2" - Coarse Brown	50 pcs
QS3307-25	3" - Fine Blue	25 pcs
QS3305-25	3" - Medium Maroon	25 pcs
QS3303-25	3" - Coarse Brown	25 pcs

## 2" & 3" Polyurethane Roloc Quick Change Disc Holder

- Polyurethane material is stronger and more durable than traditional rubber roloc holders.
- Metal Threaded Insert 1/4" shaft diameter
- This disc holder provides firm support for "Roloc" surface conditioning discs.
- Built-in 19mm square nut for easy removal of discs.
- Max: 20,000 RPM
- Patent Pending

2" Roloc Holder - **VT-201**  
 3" Roloc Holder - **VT-301**



## Model Q-KIT2

### 3" Car Buffing & Polishing Pad Kit

- Complete buffing pad set with backing pad - turns your corded/cordless drill into high speed polisher. Includes: 4 Pads, Backing Plate, and 1/4" Drill Adaptor

**Includes:**

- Backup Pad
- Lambs Wool Polishing Pad
- Orange Foam Pad
- Microfiber Pad
- Twisted Wool Pad



## Model WH180AD-BK

### Digital Panoramic 180 View Auto Darkening Welding Helmet

- Digital control panel. Fully Automatic shade, delay and sensitivity settings.
- Highest Optical Clarity: 1.1.1.1.
- Better arc capture with 5 sensors.
- Fully adjustable headgear.
- Welding, cutting and grinding mode.
- Grind: Protection against flying particles (EN175B)
- Extra large viewing area and True Color Technology: Allows a color realistic perception
- Certification: CE ANSI AS/NZS



#### TRUE COLOR TECHNOLOGY



## Model WH180B-LENS-PK1

### Replacement 180 View Welding Helmet Lens



#### Includes:

- 2x Outside Replacement Lens
- 1x Inside Center Replacement Lens
- 1x Inside Right Side Replacement Lens
- 1x Inside Left Side Replacement Lens

## Model WHX-HB2

### 180 View Welding Helmet Replacement Headgear



- Fits Jackco 180 Panoramic View Welding Helmets
- Ratcheting adjustment

## Model WHX-HBF-3

### 180 View Welding Helmet Replacement Sweatband



- Fits Jackco 180 Panoramic View Welding Helmets
- Air-cushioned foam to store excess sweat
- Absorbent and soft material
- 3 Pack

## Model WH9801-349 / WH9801-350

### Extra Large View Auto Darkening Welding Helmet

- Great for ARC/MIG/TIG Welding
- High clear view filter
- Number of sensors: 4
- Adjustable 0.15s ~ 0.8s
- Light State: Shade DIN 4, Variable Dark Shade: DIN 5~9, 9~13
- Powered by solar + battery
- View size: 4" W x 3.65" H
- True Color Technology: Allows a color realistic perception



WH9801-349



WH9801-350

## Model ZT50223 20W LED Worklight Powered by Cordless Tool Batteries

- INTERCHANGEABLE BATTERY SYSTEM: Compatible with Makita, DeWalt, and Milwaukee type 18V ~ 20V cordless tool batteries.
- SUPER BRIGHT: 1800lm illuminate dark job sites and work areas. Suitable for indoor and outdoor use. 3 brightness settings. (100%-50%-25%)
- LED light only. Does not include battery.



### COMPATIBLE BATTERIES:



Makita Type



Milwaukee M18 Type



DeWalt Type

#### Specifications

Power:	20w
CCT:	5500-6000K
Flux:	1800lm
Beam Angle:	120 Degrees
Working Time:	Approx. 1.5 - 5 hours

## Model ZT50360 900 Lumen Color Matching Light

This color matching light is perfect for shops when inspecting during the polishing, painting and cleaning process. With a high CRI (Color Rendering Index), you can ensure that this light will reveal the true colors of your project.

- Aluminum body construction
- Versatile brightness management
- Stepless dimmer mode: 100~900 lumens
- Adjustable angle magnetic base
- Battery level indicator
- CRI>95



#### Specifications

Battery	Li-ion 2200mAh 7.4 V
Input Voltage:	Input Voltage: 12V
Charging Time:	~ 4 hrs
Run Time:	~ 4 hrs / 1.5 hrs
IP Grade:	IP65



## Model ZT50365 400 Lumen Handheld Color Matching Light

- 400 Lumens (High) - 200 Lumens (Low)
- Top Mounted LED Inspection Light
- Battery level indicator
- 360 degree rotating magnetic base
- High Color Match Rating (CRI > 95)



#### Specifications

Battery	Li-ion 2600mAh 3.7 V
Input Voltage:	Input Voltage: 5V
Charging Time:	~ 4 hrs
Run Time:	~ 3.5 hrs / 2 hrs
IP Grade:	IP65



### Model HT-1945

#### ReNew Non Marring AN Wrenches



- Available in size -3, -4, -6, -8, -10, -12
- Innovative replaceable jaw inserts
- Never scratch your AN hose-end fitting
- Chrome plated forged steel
- Exceeds the required torque specs for AN fitting

### HT-2240

#### 7pc 1/2-Inch Drive Impact Deep Lug Nut Socket Set and Extractors



- Protective sleeve prevents damage to wheels
- Extractors allow you to grip into and remove worn or stripped locking nuts to quickly remove them

### Dead Blow Hammer Set

- Bright neon orange color stays visible in the workshop shuffle.
- Each hammer is filled with lead shot or extra force and shock absorption.
- Non-slip textured handle.
- Weights ranging from 1~4 and 6, 12 lbs.
- Also available in ZT20150: 4 pc set including 1, 2, 3, 4 lbs hammers.



Model	Weight	Overall Length
ZT20110	1 lb.	13 1/2"
ZT20120	2 lbs.	13 1/2"
ZT20130	3 lbs.	13 1/2"
ZT20140	4 lbs.	13 1/2"
ZT20150	1, 2, 3, 4 lbs. Set	13 1/2"

### Model HT-1100

#### Forged Chrome Vanadium Oil Filter Wrench



- 64mm 14 Flute
- Good for 4, 6, and 8 cylinder engines
- Toyota, Lexus, Scion
- 1/2" square drive or 24mm / 15/16" hex

### Model ZT10200 / ZT10210

#### Vacuum Hand Sanding Blocks

- Use with abranet or hook and loop paper
- Great for dust free sanding
- Comes with vacuum adapter for 3/4" and 1" hose
- 2.75" Width
- Available in 5" and 8" long



ZT10200



ZT10210

**Model PN30200**  
**1/4" Mini Ratchet Wrench**

- 1/4" Square drive.
- Only 5 1/2" overall length.
- Great for removing small bolts and nuts in tight areas.
- Composite body for temperature insulation.



Model	PN30200
Capacity:	1/4"
Air Pressure:	90 psi
Free Speed:	240
Hose Size:	5/16"
Air Inlet:	1/4"
Ave. Air Consumption:	18 SCFM
Length:	5.5"
Net Weight	0.94 lbs.

**Model PN30210**  
**3/8" Mini Ratchet Wrench**

- 3/8" square drive.
- Only 5 1/2" overall length.
- Great for removing small bolts and nuts in tight areas.
- Composite body for temperature insulation.



Model	PN30210
Capacity:	3/8"
Air Pressure:	90 psi
Free Speed:	240
Hose Size:	5/16"
Air Inlet:	1/4"
Ave. Air Consumption:	18 SCFM
Length:	5.5"
Net Weight:	0.94 lbs.

**Model PN30150**  
**1/4" Air Die Grinder**

- Rubber grip insulates against cold temperature and vibration.
- Air regulator allows for speed adjustment.
- Rear exhaust directs the exhaust away from the user and the work area.
- Use with 1/4" or 1/8" grinding accessories.



Model	PN30150
Capacity:	1/4"
Free Speed:	22,000
Air Inlet:	1/4"
Ave. Air Consumption:	3 SCFM
Length:	7"
Net Weight:	1.7 lbs.

**Model PN30160**  
**1/4" Air Angle Die Grinder**

- Rubber grip insulates against cold temperature and vibration.
- Air regulator allows for speed adjustment.
- Rear exhaust directs the exhaust away from the user and the work area.
- Ideal for high speed grinding and polishing.
- Use with 1/4" or 1/8" grinding accessories.



Model	PN30160
Capacity:	1/4"
Free Speed:	18,000
Air Inlet:	1/4"
Ave. Air Consumption:	4.5 SCFM
Length:	7"
Net Weight:	2 lbs.

**Model PN30120**  
**5" Heavy Duty Grinder**

- Powerful Twin Chamber Motor: Delivers high torque and power.
- Textured rubber grip and handle provide excellent vibration and temperature insulation.
- 360° rotating air cap to direct exhaust air away or into the work area.
- Adjustable wheel guard.



Model	PN30120
Grinding Wheel:	5"
Free Speed:	10,000
Air Inlet:	1/4"
Ave. Air Consumption:	5 SCFM
Length:	9.6"
Net Weight:	3.7 lbs.

**Model PN30130**  
3/8" Air Reversible Drill

- Composite housing insulates against cold temperatures and provides great comfort
- Two gear design provides smooth running and longevity.
- Thumb lever for switching spindle direction.



Model	PN30130
Chuck Size:	3/8"
Spindle Thread:	3/8-24
Free Speed:	1,800
Min. Hose Size:	3/8"
Air Inlet:	1/4"
Ave. Air Consumption:	26 SCFM
Length:	7.6"
Net Weight:	2.4 lbs.

**Model PN30140**  
1/2" Air Reversible Drill

- Composite housing insulates against cold temperatures and provides great comfort.
- Two gear design provides smooth running and longevity.
- Thumb lever for switching spindle direction.



Model	PN30140
Chuck Size:	1/2"
Spindle Thread:	3/8-24
Free Speed:	450
Min. Hose Size:	3/8"
Air Inlet:	1/4"
Ave. Air Consumption:	26 SCFM
Length:	9"
Net Weight:	3.5 lbs.

**Model PN30192**  
Long Barrel Air Hammer

- Integrated quick chuck on barrel.
- Spring vibration dampening system
- Center handle design for superior balance during use.
- 5 pc chisel set included.



Model	PN30192
Stroke Size:	0.75"
Piston Diameter:	3.62"
Blow Per Minute:	2,200 Bpm
Air Inlet:	1/4"
Ave Air Consumption:	8.6 CFM
Hose Size:	3/8"
Air Pressure:	90 psi
Net Weight:	5.1 lbs.

**Model PN30240**  
3" Pistol Grip Polisher

- Light weight composite body.
- Adjustable speed.
- 2,100 RPM.
- This kit includes:
  - Pistol grip polisher
  - Soft foam pad
  - Medium foam pad
  - 2 wool pads



Model	PN30240
Pad Size	3"
Spindle Thread	5/16"-24
Length	5.2"
Weight	1.79 lbs.

**Model PN30250**  
3" Random Orbital Sander

- Light weight composite body.
- Adjustable speed.
- 15,000 RPM.
- Random orbital action.
- This kit includes:
  - Pistol grip random orbital sander.
  - 3" PSA pad, 3" hook & loop pad.
  - 400, 600, 800, 1200, 1500 grit sandpaper



Model	PN30250
Pad Size	3"
Spindle Thread	5/16"-24
Length	4.8"
Weight	1.79 lbs.

**Model PN30260 2" / 3"**  
Surface Conditioning Sander

- Light weight composite body.
- 16,000 RPM pistol grip orbital sander.
- This kit includes:
  - 3" disc holder (1 pc), 2" disc holder (1 pc)
  - 3" fin , med., coarse surface cond. disc (1 ea.)
  - 2" fin , med., coarse, surface cond. disc (1 ea.)
  - 3" 80, 100, 120 grit sanding disc (1 each)
  - 2" 80, 100, 120 grit sanding disc (1 each)



Model	PN30260
Air Consumption	3.5 CFM
Air Pressure	90 psi
Length	5.7"
Weight	1.5 lbs.

**Model PN30184**  
**Composite Air Dryer Gun**

- Increases air fl w 10:1
- Adjustable Inline Air Regulator



**Model PN30186**  
**Air Dryer Guns with Stand**

- Two air dryer guns included.
- Adjustable height



**PN30183** - Stand only

**Mini Denibbing Blocks**

- Perfect for wet or dry sanding of clearcoat.
- Great for cleaning up "PDR" marks just before polishing.
- Each block is approximately 1.5" x 1.25" x 0.5"



Model	Grit	Q'ty
PN21500	1500	10 pcs
PN22000	2000	10 pcs
PN22500	2500	10 pcs
PN23000	3000	10 pcs

**Model PN30290**  
**Spray Gun Air Regulator**

- Air Adjustment gauge range 0-150 PSI
- Precise air control for best paint results
- Locking Air Adjustment Knob
- Lightweight forged aluminum housing



Model	PN30290
Air Adjustment Range	0-150 PSI
Diaphragm	Yes
Inlet / Outlet	1/4"

**Model PN30300** **NEW**  
**Automatic Digital Pressure Gauge**

- Auto ON/OFF
- Replaceable CR2032 battery
- Locking Air Adjustment Knob
- Lightweight forged aluminum housing.



Model	PN30300
Air Adjustment Range	3-160 PSI
Diaphragm	Yes
Inlet / Outlet	1/4"

**Gravity Feed HVLP Spray Gun**



Model PN10250  
1.3 mm Green Tip



Model PN10260  
1.5 mm Gold Tip



Model PN10270  
1.7 mm Red Tip



Model PN10280  
2.0 mm Blue Tip



Model PN10290  
2.3 mm Black Tip

Air Pressure	29-36 psi
Air Inlet	1/4"
Air Consumption	16 CFM
Capacity of Cup	0.6 L

Type of Cup	Plastic Nylon
Fluid Tip Size	1.3 mm / 1.5 mm / 1.7 mm / 2.0 mm / 2.3 mm
Feed Type	Gravity
Pattern Width	approx. 27 cm / 10.6"

**Model PNP104**

Replacement 3/8" Impact Anvil

- Compatible original spec replacement for IR2112 & IR2115
- Overall Length: 2.79 inch



PNP104

**Model PNP100**

Replacement 1/2" Impact Anvil

- Compatible original spec replacement for IR2135TiMax / 2135QTiMax / IR231C / IR231HA
- Overall Length: 3.670 inch



PNP100

**Model PNP105**

Replacement 1/2" Impact Anvil

- Compatible original spec replacement for IR2235TiMax / 2235QTiMax
- Overall Length: 3.6 inch



PNP105

**Model PNP102**

Replacement Long 1/2" Impact Anvil

- Compatible original spec replacement for IR 231C / IR 231 HA / IR 2135 TiMax / 2135 QTimax
- Overall Length: 5.75 inch

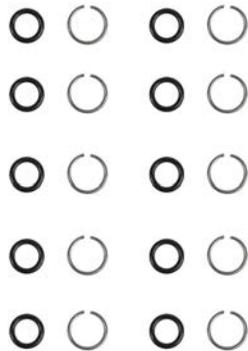


PNP102

**Model PNP130**

1/2" Impact Anvil Socket Retaining Ring & O-Ring

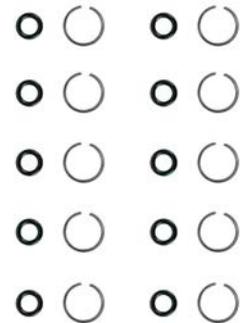
- This kit will fit most major brands of electric and pneumatic wrenches with 1/2" square drive.
- Compatible with IR, Snap On, Chicago Pneumatic, Florida Pneumatics, Air Cat.
- Includes 10 Sets.



**Model PNP133**

3/8" Impact Anvil Socket Retaining Ring & O-Ring

- This kit will fit most major brands of electric and pneumatic wrenches with 3/8" square drive.
- Compatible with IR, Snap On, Chicago Pneumatic, Florida Pneumatics, Air Cat.
- Includes 10 Sets.



**Model PNP30251**

3" Sanding Backup Pad

- 5/16"-24 Female Thread
- Hook and Loop (Velcro) backing
- Replacement Pad for: PN30240, PN30250, PN30360



### Model PT-1431 1/4" Low Speed Die Grinder

- Rear exhaust
- Geared at 4,000 RPM
- Rugged aluminum housing for long lasting durability
- Spanner wrenches included for easy removal of pad

Model	PT-1431
Free Speed	4,000 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	8 1/4"
Weight	1.88 lbs.



### Model DG129 1/4" Air Die Grinder

- Lever throttle for feathering control
- Rubber covered, aluminum body for light weight and minimal vibration.
- Rear exhaust air flow system directs air away from work surface



Model	DG129
Free Speed	25,000 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	7"
Weight	1.43 lbs.

### Model T127A 1/4" Mini Die Grinder

- Lever throttle for feathering control
- Rib textured handle provides a firm grip
- Rear exhaust air flow system directs air away from work surface



Model	T127A
Free Speed	22,000 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	6 7/8"
Weight	1.36 lbs.

### Model ADG14A 1/4" Angle Die Grinder

- Ergonomic handle for the user's ultimate comfort
- 90-degree head allows for reaching tight or angled grinding.



Model	ADG14A
Free Speed	18,000 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	6.8"
Weight	1.63 lbs.

### Model RL-810 1/4" Mini Angle Die Grinder

- 90-degree head allows for reaching tight or angled grinding.
- Lightweight aluminum body, Rear exhaust, Durable ball-bearing motor.



Model	RL-810
Free Speed	20,000 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	6.5"
Weight	1.19 lbs.

### Model AG-205G 1/4" Mini Angle Die Grinder

- Positive grip – 1/4" capacity collet
- Compact and lightweight
- Lever throttle for feathering control
- Front exhaust



Model	AG-205G
Free Speed	20,000 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	5"
Weight	1 lb.

**Model PS-802**  
1/4" Air Screwdriver  
with Adjustable Clutch



Model	PS-802
Free Speed	1,800 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	7 1/4"
Weight	2.56 lbs.

**Model PT-1378**  
1/4" Air Screwdriver  
with Positive Clutch



Model	PT-1378
Free Speed	1,800 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	7"
Weight	2.56 lbs.

**Model PT-1479**  
1/4" Straight Air Screwdriver  
with Adjustable Clutch



Model	PT-1479
Free Speed	1,800 RPM
Air Inlet Size (NPT)	1/4"
Collet Size	1/4"
Length	10.25"
Weight	2.66 lbs.

**Model PS-705**  
3/8" Reversible Air Drill



Model	PS-705
Free Speed	1,800 RPM
Air Inlet Size (NPT)	1/4"
Chuck Capacity	3/8"
Length	7-7/8"
Weight	2.38 lbs.

**Model PT-1263**  
3/8" Right Angle Drill

- 90° angle head design, Compact design for close clearance operation.
- Lightweight for fatigue free handling.



Model	PT-1263
Free Speed	1,800rpm at 120psi 1,600rpm at 90psi
Air Inlet Size (NPT)	1/4"
Chuck Capacity	3/8"
Length	8.25"
Weight	2.38 lbs.

**Model DG-50L3**  
5" Angle Disc Grinder

- Great for material removal, metal dressing, rust removal, weld preparation, and automotive bodywork fabrication.



Model	DG-50L3
Free Speed	11,000 RPM
Air Inlet Size (NPT)	1/4"
Disc Size	5"
Length	9"
Weight	4 lbs.

**Model VT-3813T / VT-1218T**  
3/8" x 13" / 1/2" x 18" Air Belt Sander

- Lightweight and powerful
- Low vibration
- Easy to use and fits nice in your hand



VT-3813T	VT-1218T
3/8" x 13"	1/2" x 18"

**3/8" x 13" - Zirconia Sanding Belts**

- Great for sanding carbon steel, stainless steel, aluminum, nickel, cast iron and various other metals.
- High end zirconia grains last longer than aluminum oxide.
- Made in Turkey

Model	Grit	Q'ty
VT3813-40G	40	20
VT3813-60G	60	20
VT3813-80G	80	20
VT3813-100G	100	20
VT3813-120G	120	20
VT3813-150G	150	20



### 5" & 6" Vertech Composite Housing Random Orbital Sander

- 3/16" or 3/32" Orbit
- Air Pressure: 90 psi
- Free Speed: 12,000 rpm
- Pad included
- Air Inlet: 1/4"

#### Superior Handling Features:

- Low vibration, smooth running design
- Variable speed palm throttle lever
- Formed to fit comfortably in your hand
- Adjustable speed control



Available in a complete variety of Palm-Style Non-vacuum, Central vacuum, and Self-generating vacuum models.



Non-Vacuum



Central Vacuum



Self-Generated Vacuum

MODEL	Description	5" ROS		6" ROS	
		12,000 RPM	3/16 in. ORBIT	3/32 In. ORBIT	3/16 in. ORBIT
NON-VACUUM	LOW-PROFILE, PSA	VT51000	VT51000S	VT61000	VT61000S
	LOW-PROFILE, HOOK	VT51100	VT51100S	VT61100	VT61100S
	TAPERED EDGE, PSA	VT51200	VT51200S	VT61200	VT61200S
	TAPERED EDGE, HOOK	VT51300	VT51300S	VT61300	VT61300S
CENTRAL VACUUM	LOW-PROFILE, PSA	VT52000	VT52000S	VT62000	VT62000S
	LOW-PROFILE, HOOK	VT52100	VT52100S	VT62100	VT62100S
	TAPERED EDGE, PSA	VT52200	VT52200S	VT62200	VT62200S
	TAPERED EDGE, HOOK	VT52300	VT52300S	VT62300	VT62300S
	LP, SCREEN ABRASIVE, HOOK	VT52400	VT52400S	VT62400	VT62400S
SELF-GENERATED VACUUM	LOW-PROFILE, PSA	VT53000	VT53000S	VT63000	VT63000S
	LOW-PROFILE, HOOK	VT53100	VT53100S	VT63100	VT63100S
	TAPERED EDGE, PSA	VT53200	VT53200S	VT63200	VT63200S
	TAPERED EDGE, HOOK	VT53300	VT53300S	VT63300	VT63300S
	LP, SCREEN ABRASIVE, HOOK	VT53400	VT53400S	VT63400	VT63400S

## 3", 5" & 6" AirVANTAGE Random Orbital Sander

- 3/16" or 3/32" Orbit
- Air Pressure: 90 psi
- Free Speed: 12,000 rpm
- Pad included
- Air Inlet: 1/4"



3" Light Weight

The AirVANTAGE™ LP (Low Profile) sander comes the lowest profile in the industry with rock solid engineering, materials, and craftsmanship.

Ergonomically designed to deliver greater control, balance and comfort, the AirVANTAGE™ LP generates up to .28 HP for fast, efficient performance over virtually every application.

Available in a complete variety of Palm-Style Non-vacuum, Central vacuum, and Self-generating vacuum models.



Non-Vacuum



Central Vacuum



Self-Generated Vacuum

MODEL	Description	3" ROS Light Weight		5" ROS		6" ROS	
	12,000 RPM	3/16 in. ORBIT	3/32 In. ORBIT	3/16 in. ORBIT	3/32 In. ORBIT	3/16 in. ORBIT	3/32 In. ORBIT
NON-VACUUM	LOW-PROFILE, PSA	030290	030200	050300	050200	060300	060200
	TAPERED EDGE, PSA	-	-	050301	050201	060301	060201
	LOW-PROFILE, HOOK	030291	030201	050302	050202	060302	060202
	TAPERED EDGE, HOOK	-	-	050304	050203	060303	060203
CENTRAL VACUUM	LOW-PROFILE, PSA	030311	030234	050334	050234	060334	060234
	TAPERED EDGE, PSA	-	-	050335	050235	060335	060235
	LOW-PROFILE, HOOK	030312	030235	050336	050236	060336	060236
	TAPERED EDGE, HOOK	-	-	050337	050237	060337	060237
	LP, SCREEN ABRASIVE, HOOK	-	-	050338	050238	060338	060238
SELF-GENERATED VACUUM	LOW-PROFILE, PSA	030331	030267	050367	050267	060367	060267
	TAPERED EDGE, PSA	-	-	050368	050268	060368	060268
	LOW-PROFILE, HOOK	030332	030268	050369	050269	060369	060269
	TAPERED EDGE, HOOK	-	-	050370	050270	060370	060270
	LP, SCREEN ABRASIVE, HOOK	-	-	050371	050271	060371	060271

### 3" x 4" Orbital Sander 1/8" Orbit



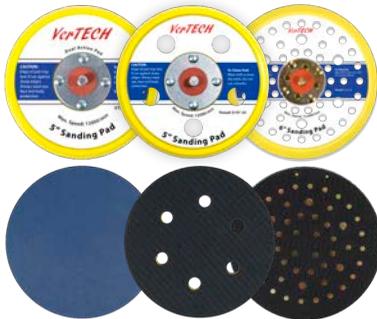
#### Features:

- Lightest weight full size orbital sander in the world
- All models feature a full 10,000 RPM
- Pad suspension system that produces unmatched performance .
- Pad remains fl t throughout full orbit at any speed.
- Low weight, superior balance and minimum vibration give the operator full control and freedom from fatigue.

### 3-2/3" x 7" Orbital Sander 3/16" Orbit



MODEL	DESCRIPTION	3" X4" ORBITAL SANDER	3 2/3" X7" ORBITAL SANDER
		10,000 RPM	1/8in. ORBIT
NON-VACUUM	PSA, CLIP TYPE	-	470000
	LOW-PROFILE, PSA	34000	470001
	LOW-PROFILE, HOOK	34001	470002
CENTRAL VACUUM	LOW-PROFILE, PSA	340034	470034
	LOW-PROFILE, HOOK	340035	470037
SELF-GENERATED VACUUM	LOW-PROFILE, PSA	340067	470067
	LOW-PROFILE, HOOK	340068	470070



### VerTECH™ Premium Back-Up Pads • 5/16"-24 Thread Size • Maximum 12,000 RPM

MODEL	DESCRIPTION	LOW-PROFILE, PSA	LOW-PROFILE, HOOK	TAPERED EDGE, PSA	TAPERED EDGE, HOOK	LP, SCREEN ABRASIVE, HOOK
NON-VACUUM	5"	VT50100	VT50101	VT50300	VT50301	—
	6"	VT60100	VT60101	VT60300	VT60301	—
VACUUM	5"	VT50110	VT50111	VT50310	VT50311	VT50312
	6"	VT60110	VT60111	VT60310	VT60311	VT60312



### AirVANTAGE Tools Back-Up Pads • 5/16"-24 Thread Size • Maximum 12,000 RPM

MODEL	DESCRIPTION	LOW-PROFILE, PSA	LOW-PROFILE, HOOK	TAPERED EDGE, PSA	TAPERED EDGE, HOOK	LP, SCREEN ABRASIVE, HOOK
NON-VACUUM	3"	1232100	1232101	—	—	—
	5"	1250100	1250101	1250300	1250301	—
	6"	1260100	1260101	1260300	1260301	—
VACUUM	3"	1232110	1232111	—	—	—
	5"	1250110	1250111	1250310	1250311	1250142
	6"	1260110	1260111	1260310	1260311	1260142
NON-VACUUM	3"X4"	1273500	1273501	1273502	—	—
	3 2/3"X7"	1273300	1273301	1273302	—	—
VACUUM	3"X4"	1273510	1273511	1273512	—	1273542
	3 2/3"X7"	1273310	1273311	1273312	—	1273342

## 3", 5" & 6" AirVANTAGE Advanced Random Orbital Sander

- 3/16" or 3/32" Orbit
- Free Speed: 12,000 rpm
- Air Inlet: 1/4"
- Air Pressure: 90 psi
- Pad included
- The lowest profile in the industry provides unparalleled control, maneuverability, and feedback.
- Vibration absorbing "comfort grips" improve feel and reduce hand fatigue.
- Underside Speed Control combines "on the fly" speed adjustability while helping to prevent inadvertent "slip switching."
- Patented fan blade cooling system for lowering bearing and spindle temperature for longer tool life.
- 360 degree rotation air exhaust shutters, provides different air exhaust directions for users.



Available in a complete variety of Palm-Style Non-vacuum, Central vacuum, and Self-generating vacuum models.



Non-Vacuum



Central Vacuum



Self-Generated Vacuum

MODEL	Description	3" ROS		5" ROS		6" ROS	
	12,000 RPM	3/16 in. ORBIT	3/32 In. ORBIT	3/16 in. ORBIT	3/32 In. ORBIT	3/16 in. ORBIT	3/32 In. ORBIT
NON-VACUUM	LOW-PROFILE, PSA	AD-031300	AD-031200	AD-051300	AD-051200	AD-061300	AD-061200
	TAPERED EDGE, PSA	-	-	AD-051301	AD-051201	AD-061301	AD-061201
	LOW-PROFILE, HOOK	AD-031302	AD-031202	AD-051302	AD-051202	AD-061302	AD-061202
	TAPERED EDGE, HOOK	-	-	AD-051303	AD-051203	AD-061303	AD-061203
CENTRAL VACUUM	LOW-PROFILE, PSA	AD-031334	AD-031234	AD-051334	AD-051234	AD-061334	AD-061234
	TAPERED EDGE, PSA	-	-	AD-051335	AD-051235	AD-061335	AD-061235
	LOW-PROFILE, HOOK	AD-031336	AD-031236	AD-051336	AD-051236	AD-061336	AD-061236
	TAPERED EDGE, HOOK	-	-	AD-051337	AD-051237	AD-061337	AD-061237
	LP, SCREEN ABRASIVE, HOOK	-	-	AD-051338	AD-051238	AD-061338	AD-061238
SELF-GENERATED VACUUM	LOW-PROFILE, PSA	AD-031367	AD-031267	AD-051367	AD-051267	AD-061367	AD-061267
	TAPERED EDGE, PSA	-	-	AD-051368	AD-051268	AD-061368	AD-061268
	LOW-PROFILE, HOOK	AD-031369	AD-031269	AD-051369	AD-051269	AD-061369	AD-061269
	TAPERED EDGE, HOOK	-	-	AD-051370	AD-051270	AD-061370	AD-061270
	LP, SCREEN ABRASIVE, HOOK	-	-	AD-051371	AD-051271	AD-061371	AD-061271

## 5" & 6" AirVANTAGE "Advanced" Electric Random Orbital Sander

- 3/16" or 3/32"
- Significant energy cost savings vs. pneumatic sanders
- Closed construction design prevents dust from fouling the motor and extending the motor life.
- Low maintenance, long runtime and long lifespan.
- Patented fan blade cooling system for longer tool life.
- No external power supply
- Vibration absorbing "comfort grip" reduces hand fatigue.
- Sealed circuit board protects against dust & moisture.
- User friendly speed control with variable speed settings.



**Adjustable speed settings:**  
4,000, 7,000 and 10,000 RPM  
**Power:** 350W  
**Input Voltage:** 120V

*Note: All Vacuum machines use 1 in. Vacuum Hose Fittings Standard. 3/4 in. is available.*



Non-Vacuum



Central Vacuum

MODEL	Description	5" ROS		6" ROS	
	10,000 RPM	3/16 in. ORBIT	3/32 In. ORBIT	3/16 in. ORBIT	3/32 In. ORBIT
NON-VACUUM	LOW-PROFILE, PSA	AE-051100	AE-051000	AE061100	AE-061000
	TAPERED EDGE, PSA	AE-051100TE	AE-05100TE	AE-061100TE	AE-061000TE
	LOW-PROFILE, HOOK	AE-051102	AE-051002	AE-061102	AE-061002
	TAPERED EDGE, HOOK	AE-051102TS	AE-051002TE	AE-061102TE	AE-061002TE
CENTRAL VACUUM	LOW-PROFILE, PSA	AE-051134	AE-051034	AE-061134	AE-061034
	TAPERED EDGE, PSA	AE-051134TE	AE-051034TE	AE-061134TE	AE-061034TE
	LOW-PROFILE, HOOK	AE-051136	AE-051036	AE-061136	AE-061036
	TAPERED EDGE, HOOK	AE-051136TE	AE-051036TE	AE-061136TE	AE-06106TE
	LP, SCREEN ABRASIVE, HOOK	AE-051138	AE-051038	AE-061138	AE-061038

### Model RZ-300mini

#### Rezervo™ Batteryless Jump Starter

- Designed for both the professionals and DIY users.
- Simple and safe to use.
- No batteries inside.
- No need to wait hours to recharge.
- Even starts vehicles without a battery.
- Ideal for cold starts on engines.

#### New Features

- Less wait time to charge up the capacitors
- LCD Display - shows battery voltage, percent charged, reverse polarity and override
- Alarm buzzer when fully charged or activating override function
- Compact and lightweight design with detachable cables
- LED light for locating battery terminals
- 12V battery trickle charger\*



Model	RZ-300mini
Input	12V DC 10A, 5V DC 2A
Starting Current	300A
Working Temperature	-30°F to 140°F
Recharge Time from Battery	~60 seconds
Recharge Time from 12V Socket	~85 seconds
Recharge Time from USB	~25 minutes

### Model RZ-550

#### Rezervo™ Batteryless Jump Starter

- Ideal for cold starts on engines
- 550A Starting current
- Maintenance Free
- For gasoline and diesel engines
- Built-in Reverse Polarity and Short Circuit Protection
- Built-in voltmeter
- No degradation in performance with subfreezing temperatures or age



Model	RZ-550
Input	12V DC 10A, 5V DC 2A
Starting Current	550A
Working Temperature	-30°F to 140°F
Recharge Time from Battery	~120 seconds
Recharge Time from 12V Socket	~200 seconds
Recharge Time from USB	~30-40 minutes

#### How it Works:

The REZERVO™ batteryless jump starter uses ultracapacitor technology. It is able to harness the power from your weak battery and boost it to start your car. With built-in intelligent circuitry designs, it also prevents you from making mistakes while using the jump starter.



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 (888) 4JACKCO



Jackco Transnational Inc. warrants all "JACKCO", "Pneustream by JACKCO", and "ZETA by JACKCO" branded products to the original purchaser against any manufacturing defect in material or workmanship for a period of one (1) year from the original date of purchase unless otherwise stated. If the defective product is determined to be covered under this warranty, it shall be repaired or replaced at manufacturer's discretion without charge. Provided that the product must be returned with proof of purchase and freight prepaid when returned to the manufacturer. This warranty shall not apply to damage due to accident, negligent use, lack of maintainance, abuse or applications other than the specific function the product is designed for.

No other warranties, expressed or implied, including those of merchantability or fitness for particular purpose shall be applicable to Jackco except as specifically stated herein. In no event shall Jackco be liable to any party for any special, direct, indirect, consequential, punitive damage of any nature caused by the sale or use of the equipment, tool, or product.

Note: This warranty gives the original purchaser specific legal rights which may vary from state to state.

