



800.726.4064

Division of Dakota Fence



3D Specialties

Inc.

Signs, Posts, Barricades,
Traffic Safety Materials & Clothing

Division of Dakota Fence

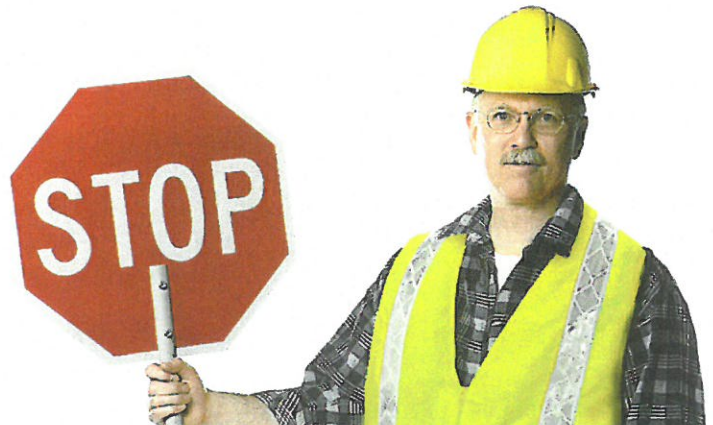


3D Specialties

Inc.

Kevin Berg

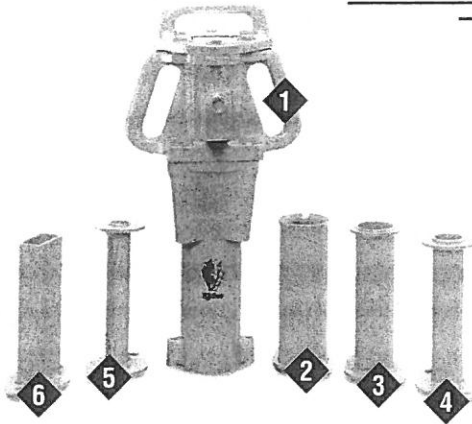
1110 25th Ave N • PO Box 1615 • Fargo, ND 58107-1615
800-726-4064 • Office 701-293-8599 • Fax 701-293-7811
Email kevin@dakotafence.com



Rhino Air Operated Post Drivers & Accessories

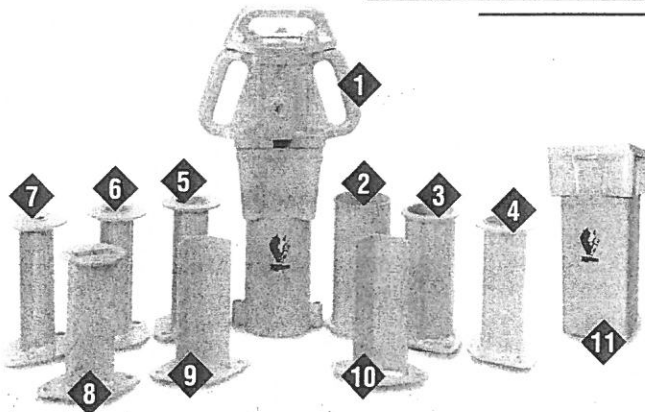


PD-45 and Accessories



Model and/or Part No.	Specifications
<i>(All drivers are equipped with the exclusive Rhino Alloy, Double Valve Piston.)</i>	
1 PD-45 070012	Light Duty Post Driver with a 3" (76.2 mm) I.D. Master Chuck, uses 30 CFM (0.85 m ³ /min) @ 90 psi (6.4 kg/cm ²). Approx. Wt. 46.3 lbs (21 kg)
2 070600	2 1/2" (63.5 mm) I.D. Chuck Adapter
3 070601	2" (50.8 mm) I.D. Chuck Adapter
4 070602	1 1/2" (38.1 mm) I.D. Chuck Adapter
5 070603	1" (25.4 mm) I.D. Chuck Adapter
6 070606	Channel Post Chuck Adapter - 1.2 to 1.5 lbs/ft Posts

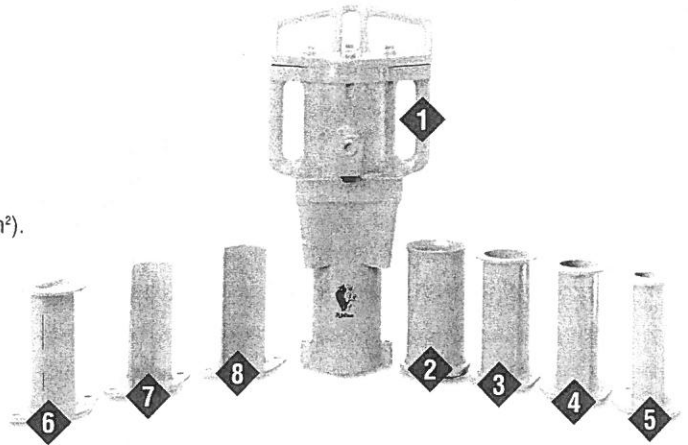
PD-55 and Accessories



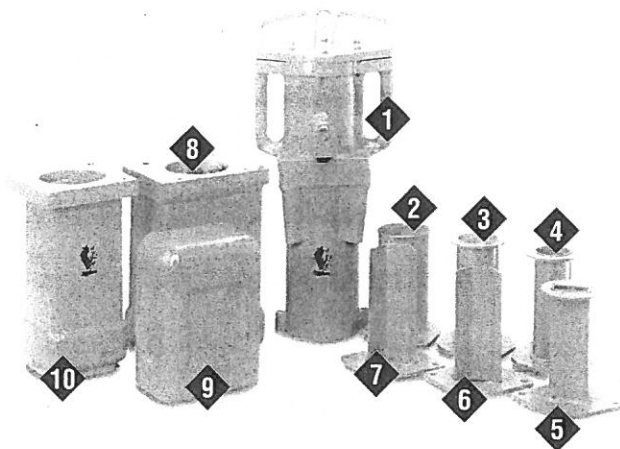
Model and/or Part No.	Specifications
<i>(All drivers are equipped with the exclusive Rhino Alloy, Double Valve Piston.)</i>	
1 PD-55 070013	Medium Duty Post Driver with a 3 7/8" (98.4 mm) I.D. Master Chuck, uses 42 CFM (1.19 m ³ /min) @ 90 psi (6.4 kg/cm ²). Approx. Wt. 54.6 lbs (24.8 kg)
2 070609	3 1/2" (88.9 mm) I.D. Chuck Adapter
3 070610	3" (76.2 mm) I.D. Chuck Adapter
4 070611	2 1/2" (63.5 mm) I.D. Chuck Adapter
5 070612	2" (50.8 mm) I.D. Chuck Adapter
6 070613	1 1/2" (38.1 mm) I.D. Chuck Adapter
7 070614	1" (25.4 mm) I.D. Chuck Adapter
8 070617	Channel Post Chuck Adapter - 1.2 to 1.5 lbs/ft Posts
9 070618	Channel Post Chuck Adapter - 2 to 2.75 lbs/ft Posts
10 070619	Channel Post Chuck Adapter - 3 to 4 lbs/ft Posts
11 070590	4 1/16" (103.2 mm) Square Chuck Wood Post Assembly
070615	PD-55 2" Heavy Chuck Adapter (not shown)

PD-110 and Accessories

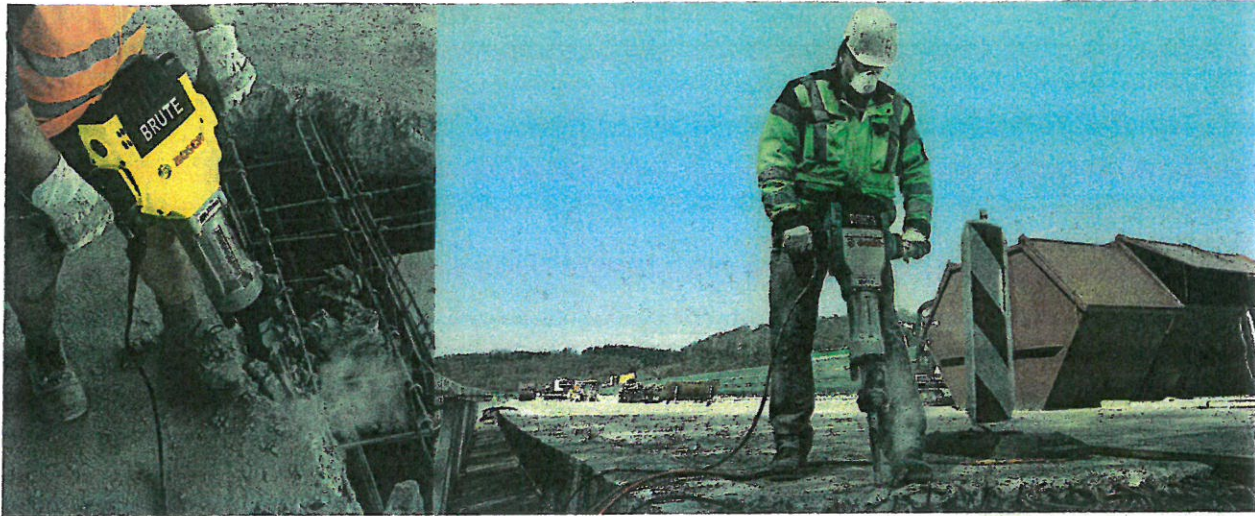
Model and/or Part No.	Specifications
	<i>(All drivers are equipped with the exclusive Rhino Alloy, Double Valve Piston.)</i>
1 PD-110 070014	Medium/Heavy Duty Post Driver with a 4 1/4" (107.9 mm) I.D. Master Chuck, uses 64 CFM (1.81 m ³ /min) @ 100 psi (7 kg/cm ²). Approx. Wt. 109.16 lbs (49.5 kg)
2 070622	3 5/8" (92 mm) I.D. Chuck Adapter
3 070623	3" (76.2 mm) I.D. Chuck Adapter
4 070624	2 1/2" (63.5 mm) I.D. Chuck Adapter
5 070625	2" (50.8 mm) I.D. Chuck Adapter
6 070628	Channel Post Chuck Adapter - 1.2 to 1.5 lbs/ft Posts
7 070629	Channel Post Chuck Adapter - 2 to 2.75 lbs/ft Posts
8 070630	Channel Post Chuck Adapter - 3 to 4 lbs/ft Posts



PD-140 and Accessories



Model and/or Part No.	Specifications
	<i>(All drivers are equipped with the exclusive Rhino Alloy, Double Valve Piston.)</i>
1 PD-140 070015	Heavy Duty Post Driver with a 4 1/4" (107.9 mm) I.D. Master Chuck, uses 64 CFM (1.81 m ³ /min) @ 100 psi (7 kg/cm ²). Approx. Wt. 138.40 lbs (62.8 kg)
2 070634	3 5/8" (92 mm) I.D. Chuck Adapter
3 070635	3" (76.2 mm) I.D. Chuck Adapter
4 070636	2 1/2" (63.5 mm) I.D. Chuck Adapter
5 070640	Channel Post Chuck Adapter - 1.2 to 1.5 lbs/ft Posts
6 070641	Channel Post Chuck Adapter - 2 to 2.75 lbs/ft Posts
7 070642	Channel Post Chuck Adapter - 3 to 4 lbs/ft Posts
8 070061	4" x 6" (101 mm x 152 mm) H Column Chuck
9 070062-T	4" x 6" (101 mm x 152 mm) H Column Driving Cap
10 070063 070017	4" x 4" (101 mm x 101 mm) Wood Post Chuck
070597	PD-140S Heavy Duty Sheet Pile Driver includes Slotted Master Chuck (not shown)
	PD-140S 4-3/4" (120.6 mm) Round Master Chuck Assembly (not shown)



BH2760VC Brute™ Breaker Hammer



- ▶ **Vibration Control**—Vibration reduction in the hammer mechanism and grip area provide maximum user comfort for extended periods of work
- ▶ **The Plug-In-Anywhere Hammer**—Does not need a compressor
- ▶ **Total Portability**—Operates on 115/120V AC/DC, 15 amp. outlet or 2,500-watt portable generator

Specifications	
Rating	115/120V AC/DC
Amperage	15.0
No Load BPM	1,000
Impact Energy (ft.-lbs.)	35.0 EPTA
Length	30.5"
Weight	63.0 lbs.

Optional dust collection attachments available on pages 30 and 288.

BH2760VCB Brute™ Breaker Hammer with Basic Cart Plus Two Chisels



- Same features as BH2760VC above.
- Also includes:**
 Basic Cart **T1657**
 Narrow Chisel **HS2163**
 Moil Point Chisel **HS2161**

Same specifications as BH2760VC above.

Optional dust collection attachments available on pages 30 and 288.

BH2770VCD Brute™ Turbo Breaker Hammer with Deluxe Cart Plus Four Chisels



- Same features as BH2760VC above.
- Also includes:**
 Deluxe Cart **T1757**
 (2) Narrow Chisels **HS2163**
 (2) Star Point Chisels **HS2861**

Specifications	
Rating	115/120V AC/DC
Amperage	15.0
No Load BPM	1,000
Impact Energy (ft.-lbs.)	43.0 EPTA
Length	30.5"
Weight	63.0 lbs.

Optional dust collection attachments available on pages 30 and 288.



Masonry/Concrete Drilling Breaker Hammers

Breaker TE 1500-AVR



Applications and advantages

- Extensive demolition work at or near floor level
- Exposing reinforcement in foundations
- Breaking out openings for stairs, risers and shafts
- Powerful electropneumatic hammering mechanism and Hilti Polygon chisels for high breaking performance
- Maintenance-free, brushless SR motor and triple-chamber lubrication systems for longer service intervals and tool lifetime

Technical data

Rated input power	1800 W
Max. chiseling performance	539 in ³ /min
Rated voltage	120 V
Full hammering frequency	1620 impacts/minute
Single impact energy	22 ft-lbs
Weight according EPTA-Procedure 01/2003	31.3 lb
A-weighted emission sound pressure level ¹⁾	89 dB (A)
Dust removal module	TE DRS-B (optional)
Reduced impact energy	No
Triaxial vibration for chiseling into concrete ²⁾	12 m/s ²

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



3

Order Designation	Package Content	Sales pack quantity	Item number
Breaker performance pkg TE 1500-AVR	1x TE 1500-AVR 120V Breaker grounded, 3x Dust shield, 1x Kit box TE 1500-AVR, 1x Pointed chisel TE-SP SM 36, 1x Narrow-flat chisel TE-SP FM 36	1 pc	3455943
Breaker dust control pkg TE 1500-AVR	1x TE 1500-AVR 120V Breaker grounded, 3x Dust shield, 1x Kit box TE 1500-AVR, 1x Pointed chisel TE-SP SM 36, 1x Narrow-flat chisel TE-SP FM 36, 1x Dust removal system TE-DRS-B	1 pc	3457406
Breaker deluxe dust control pkg TE 1500-AVR	1x TE 1500-AVR 120V Breaker grounded, 3x Dust shield, 1x Kit box TE 1500-AVR, 1x VC 40-U 120 V Univ. vacuum cleaner, 1x Pointed chisel TE-SP SM 36, 1x Narrow-flat chisel TE-SP FM 36, 1x Dust removal system TE-DRS-B	1 pc	3457407

Breaker TE 3000-AVR



Applications and advantages

- Medium- to heavy-duty demolition of concrete slabs and foundations
- Breaking up asphalt for road building, repair work and pipe laying
- Removing concrete for rebar connections and utility connections
- Delivers impressive hammering impact energy of 68 joules to big concrete demolition jobs
- Impressive breaking performance - up to 6 tons of concrete in one hour which makes TE 3000 equal to air/compressor tools.

Technical data

Max. chiseling performance	2440 in ³ /min
Full hammering frequency	860 impacts/minute
Single impact energy	50 ft-lbs
Weight according EPTA-Procedure 01/2003	65.9 lb
A-weighted emission sound pressure level ¹⁾	94 dB (A)
Dust removal module	No
Reduced impact energy	No
Triaxial vibration for chiseling into concrete ²⁾	7 m/s ²

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



Order Designation	Package Content	Sales pack quantity	Item number
Breaker + 4 chisel pkg TE 3000-AVR	1x TE 3000-AVR 120V Breaker, 2x Pointed chisel TE-H28P SM 40, 2x Narrow flat chisel TE-H28P FM 40, 2x USA 120V Supply cord	1 pc	3495933
Breaker perf pkg TE 3000-AVR	1x TE 3000-AVR 120V Breaker, 2x Pointed chisel TE-H28P SM 40, 2x Narrow flat chisel TE-H28P FM 40, 2x USA 120V Supply cord, 1x Tool cart TE 3000	1 pc	3492616



OPERATION AND PERFORMANCE

ITEM	U.S.A.	METRIC
Capacity	Refer to listing below	
Weight (Without Valve)	65 lb	29.5 kg
Weight (With Valve)	67 lb	30.5 kg
Length	30 in	76 cm
Width (Across Handles)	10-1/8 in	25.7 cm
Pressure	2000 psi	140 bar
Flow Range	7-9 gpm	26-34 lpm
Optimum Flow	8 gpm	30 lpm
Porting	- 8 SAE O-Ring	
Hose Whips	Yes	
Connect Size and Type	3/8 in. Pipe	

The PD45 Post Driver is the most versatile tool of its type available. The standard PD45 will drive posts of almost any configuration, including "U" channel, round or square.

Unlike other post drivers that simply rest on the top of the post, the PD45 lets the operator "index" the post in the tool. This gives improved control of the post and driver. It also reduces the damage to the top of the post.

The PD45 features dual guiding handles, a lifting eye and multiple post adapters. The optional adapters allow the PD45 to be used on smaller posts of different shapes.

The PD45 is offered in three trigger options; two have the trigger in the handle (Valve-in-Handle) and one has a remote on/off. Both trigger Valve-in-Handle models have an ON/OFF trigger adjacent to a guiding handle. The trigger extends the full length of the handle allowing the operator to activate the post driver at any position of its length. The trigger is "spring loaded" to the OFF position.

The PD45131 is controlled by a remote on/off valve that allows the operator to position the post driver and control its operation from a valve that is remote from the driver.

The PD45132G is specifically designed to meet State Department of Transportation (DOT) requirements for driving breakaway posts and delineators. It will drive posts to within 4 inches (100 mm) above ground level.

PD45 Capacities

PD45 without accessory adapters

- #2, #3 and #4 lb./ft. "U" Channel Sign Post
- #3 and #4 /Strong Back "U" Channel Sign Post
- #1 Delineator Post
- 2-1/2 in/63.5 mm Square Post
- 2-5/8 in/67 mm Round Post

PD45 with accessory adapters

- 1 3/4" T-Post 1 3/4" Square
- 2" Round pipe 2" Square
- 2 1/4" Square

ACCESSORIES

The accessories listed below are for use the PD45131 or PD45132 ONLY. They can not be used with the PD45132G, extended anvil model.

PART NO.	DESCRIPTION
67784	Adapter for 1-3/4" Round post (t-post)
15184	Adapter – 1-3/4" Square Post
15185	Adapter – 2" Round Pipe
15186	Adapter – 2-1/4" Square Post
15187	Adapter – 2" Square Post

*

WARRANTY

Stanley manufactured tools and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. Stanley reserves the right to repair or replace only those parts that prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

ORDERING INFORMATION

System	Valve Type	Model
Open Center	Remote	PD45131
Open Center	In-Handle	PD45132
Open Center	In-Handle	PD45132G*

* For State DOT requirements

"G" Indicates extended anvil (drives posts to within 4 inches above ground level).

All Stanley Hydraulic Tools, Parts, Accessories and allied equipment are subject to design improvements, specification and price changes at any time without notice and with no obligation to units already sold. Weights, dimensions and operating specifications listed herein are subject to change without notice. Where specifications are critical to your application, please consult Stanley Hydraulic Tools.

<http://www.stanley-hydraulic-tools.com>

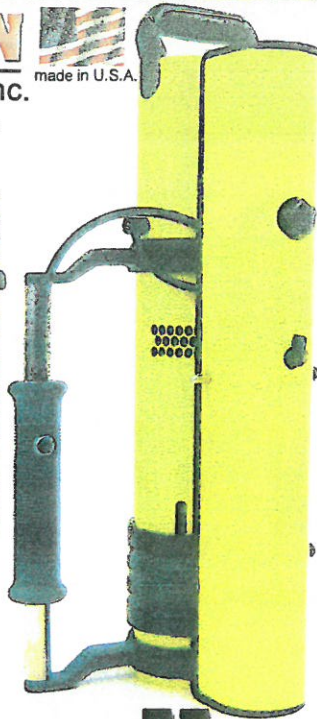
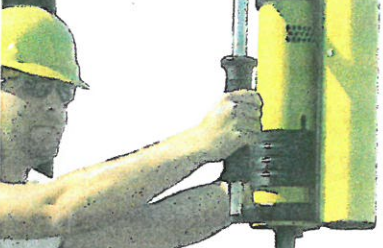
TIPPMANN



Industrial Products, Inc.
3518 Adams Center Rd.
Fort Wayne, IN 46806

Propane Hammer Self Contained Post Driver

Patented Technology



Operates off
of a standard
14 oz.
propane tank



Propane Hammer

MADE IN U.S.A.

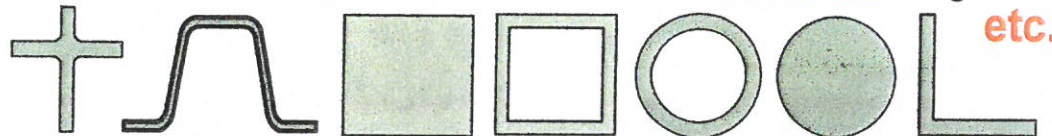
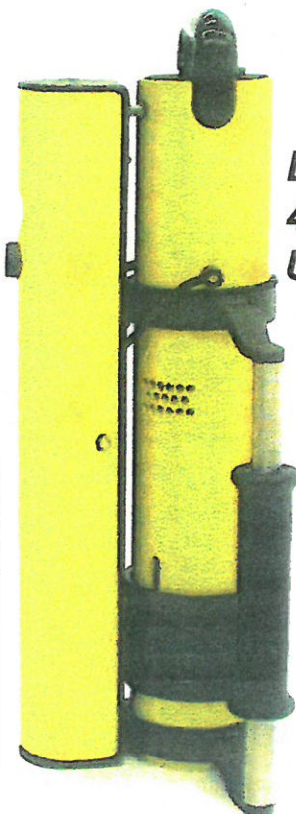
1 PERSON OPERATION!

- Drive up to a 4.5 lb. per foot sign post
- Drive up to a 3.5" diameter round post
- No air compressors, no hoses!

Weighs only 41 lbs.Simple for 1 person to operate!

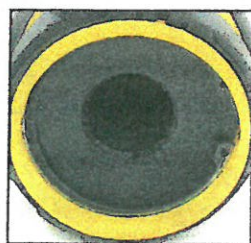
DRIVE T'Posts • Sign Posts • Square Posts • Telespar Posts • Round Posts • Ground Rod • Angle Iron etc.

700 LBS. DRIVING FORCE!



Drive up to a
4.5lb. per foot
U Channel Post

Interchangeable ram
collar system will
accommodate various
size posts, rods,
stakes, etc.



ABOUT THE PROPANE HAMMER

- The Tippmann Propane Hammer is a self contained post driver.
- The Propane Hammer is powered by a standard 14 oz. propane tank, found in most hardware departments.
- The Propane Hammer is a very convenient, user-friendly way to drive posts.
- The Propane Hammer will drive posts into hard, dry, frozen, even rocky ground. Countless applications.
- Deliver approximately 150 blows per minute at 700 lbs. driving force.

Propane Hammer Self Contained Post Driver

www.propanehammer.com / Toll Free: 866-286-8046

TIPPMANN

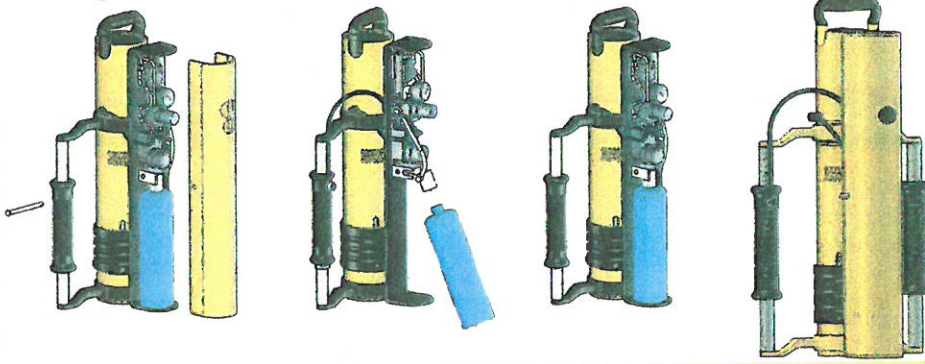


Propane Hammer

1 PERSON OPERATION!

- Drive up to a 4.5 lb. per foot sign post
- Drive up to a 3.5" diameter round post
- No air compressors, no hoses!

Simple Tank Removal and Installation



- Pull pin and remove cover
- Remove Tank
- Insert Tank
- Replace Cover

\$1995

30 DAY MONEY BACK GUARANTEE

1 YEAR FULL PARTS AND LABOR WARRANTY

Product Specifications:

specs

- Delivers Up To 150 Blows Per Minute.
- Weighs Under 42 lbs.
- 100% Self Contained
- Does Not Require An Air Compressor Or Hydraulic Unit.
- Operates Off Of A Standard 14 oz Propane Tank
- Drives with 700 lbs. Driving Force.



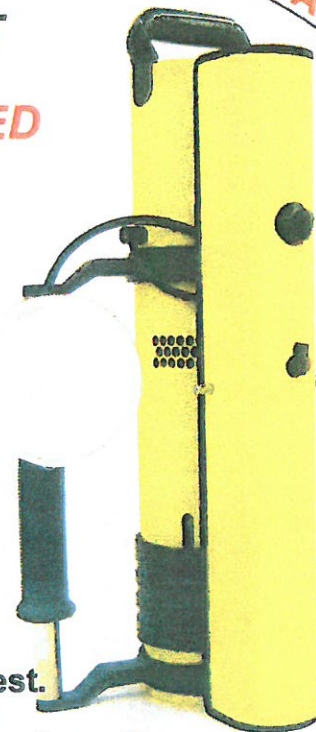
Fuel Consumption:

- Approximately 6000 Cycles Per Tank.
- ← 14.1 oz.
- Drive up to 300 Posts on 1 Tank.



Dennis Tippmann

- DRIVE UP TO A 4.5 LB. PER FOOT SIGN POST
- 100% SELF CONTAINED
- EASY TO USE IN ROUGH TERRAIN
- EASY TO USE IN REMOTE AREAS



PROPANE HAMMER DEMONSTRATION DVD

TIPPMANN



Tippmann Industrial Products, Inc.
3518 Adams Center Rd. • Fort Wayne, IN 46806

Toll Free: 866-286-8046

www.propanehammer.com

Demonstration DVD: Available Upon Request.

If you did not receive a DVD and would like to request a **FREE** copy, please call our Toll Free Number or visit us on the internet.

Propane Hammer

Self Contained Post Driver

Use in Remote Areas

- Drive up to a 4.5 lb. per foot sign post
- Drive up to a 3.5" diameter round post
- No air compressors, no hoses!

Frequently Asked Questions:

faq's

Q: How does the Propane Hammer work?

A: The Propane Hammer operates off of a standard 14 oz. propane tank and functions off of internal combustion. This unit is 100% Self Contained and does not require an air compressor or hydraulic unit.

Q: How many posts can I drive off of 1 standard propane tank?

A: This will obviously depend on the type of post, rod, stake etc. and also the type of ground or soil you are driving into.

- We use the following example to best explain the capacity of 1 standard 14 oz. tank.

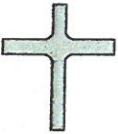


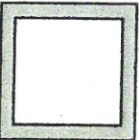
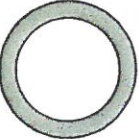



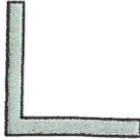
Ex. You can drive approximately 200 standard T-posts using a 14 oz. propane tank.

That is equal to approximately 6000 repetitions or 30 hits per post.

Q: What types of posts / stakes / rods, etc can I drive with the Tippmann Propane Hammer?

A: See the "Types of Posts" chart below.

Types of Posts: chart explains the types of posts you can drive with the Propane Hammer and if you will require an adapter.

Shape	Type of Post	Sizes	Adapter Required Y/N
	This adapter will allow you to drive any size T Post up to 1 5/8"	• 1 5/8" or Smaller	• No
	U Channel	• 1.2 - 1.5 lb. • 2 - 2.75 lb. • 3 - 4.5 lb.	• No • Yes • Yes
	Square Posts	• 1.5" Silt Fence • 2.5" Silt Fence	• Yes • Yes
	Telespar® Posts	• Up to 2.5"	• Yes
	Pipe and Round Tubing	• Under 1 5/8" • 1 5/8" • 1 3/4" - 2 1/2" • 2 5/8" • 2 3/4" - 3 1/2"	• Recommended • Yes • Recommended • Yes • Yes
	Tent Stakes	• Up to 1"	• Yes
	Ground Rod	• Up to 1"	• Yes
	Tree Stakes	• Up to 2"	• Yes
	Angle Iron	• Up to 2.5"	• Yes

Types of Posts, Chart Explanation:

If it states no under adapter required, the Propane Hammer can drive your post, pipe, stake etc., as a stock unit. If it states yes under adapter required, it means the Propane Hammer can drive it, but you will require an adapter. If it states recommended, it means that the driver can drive the post as a stock unit, but may work better with an adapter.

Tippmann has complete in-house fabrication capabilities. If you have a need for an adapter not listed on this sheet, please let us know.

Call us today, TOLL FREE. We would be happy to answer any questions that you may have on this exciting new product.

TOLL FREE: 866-286-8046

You may also visit our website @ www.propanehammer.com

Propane Hammer

Self Contained Post Driver

TIPPMANN

made in U.S.A.

ADAPTERS

Propane Hammer

How to determine if you will need an adapter for driving your post.

What type of post are you going to drive?

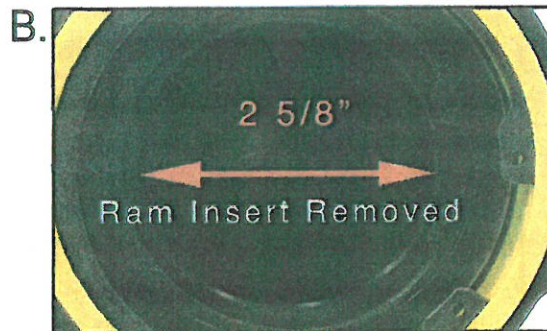
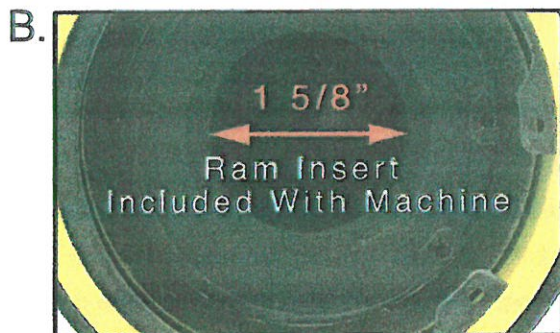
The Propane Hammer is capable of driving up to a 4.5 lb. per foot Sign Post as well as other large posts, by using an adapter.

- The Stock Propane Hammer is set up to drive posts up to 1 5/8" diameter.
- You can quickly enlarge the opening to accommodate up to a 2 5/8" diameter post by removing the ram insert.

Figure A & B below, describes the opening on the bottom of the Propane Hammer.

Figure A. illustrates the Propane Hammer with the ram insert in place. This is how the machine is shipped.

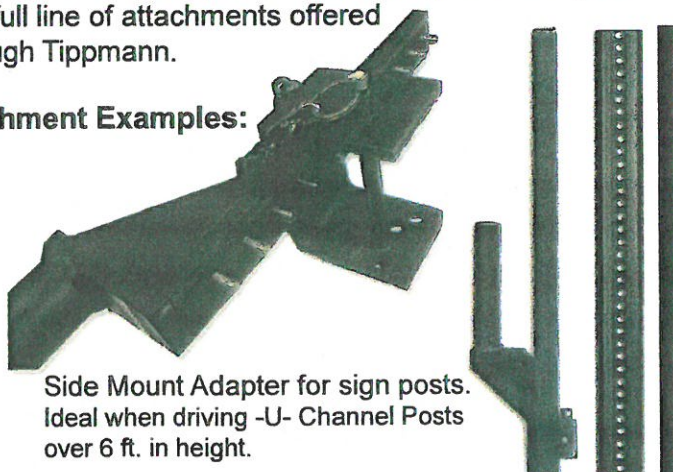
Figure B. illustrates the Propane Hammer with the ram insert removed.



If the outside diameter of your post, stake, rod etc. is larger than 2 5/8", you will need an adapter.

We offer a quick reference guide on the back of this sheet as well as in the accessories section @propanehammer.com to determine if you will need an adapter. The adapters shown, are just 3 examples in a full line of attachments offered through Tippmann.

Attachment Examples:



Side Mount Adapter for sign posts.
Ideal when driving -U- Channel Posts
over 6 ft. in height.

Demonstration DVD Available Upon Request.

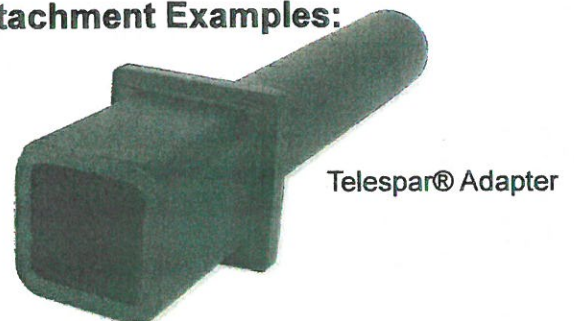
If you did not receive a DVD and would like to request a **FREE** copy, please call us:

Toll Free Number 866-286-8046

or visit us on the internet www.propanehammer.com



Attachment Examples:



Propane Hammer

Self Contained Post Driver

www.propanehammer.com / Toll Free: 866-286-8046

STANLEY**Hydraulic Tools****GT18****Power Unit**

The GT18 power unit is designed for continuous duty operation of any hydraulic tool in the Type I or Type II category or wherever 8 GPM @ 2000 psi of hydraulic power is required. World class cooling puts the GT18 far ahead of all other power units on the market.

Features:

- Type I or Type II hydraulic circuit with superior cooling
- Electronically controlled engine speed - provides 5 or 8 GPM
- Auto idle feature - lower fuel consumption and less noise
- Tool circuit lockout during engine startup - safety feature
- Quartz hour meter on control panel - records engine run time
- Lift & Latch handle with fold-up side handles
- 35-AH sealed, non-spillable, no maintenance battery located in covered compartment
- Electric start engine has pressure lubrication system, low engine oil shut down & spin on oil filter
- In tank hydraulic filter with dipstick and easy access filter replacement
- GT18B05 has Powerlink Inverter system - 1000 watt continuous and 1500 watt intermittent power through GFCI receptacles



Specifications:

Output Capacity	5 or 8 GPM / 20 or 30 lpm
Pressure	2,000 psi / 140 bar
Circuit Type	Open Center
Hydraulic Reservoir Capacity	3 Gallons / 11 Liters
Couplers	HTMA Flush Face
Fuel Tank Capacity	7 Gallons / 26.5 Liters
Engine	B&S 18 HP Vanguard or Honda GX620 OHV
Weight	330 lbs / 150 kg
Length	35 in / 89 cm
Width	21.5 in / 54.6 cm
Height	29 in / 73.7 cm
Heat Rejection	5 hp

Stanley Hydraulic Tools
3810 SE Naef Road
Milwaukie, OR 97267

GT18 4/2009

503.659.5660
Fax 503.652.1780

www.stanleyhydraulic.com

STANLEY

Hydraulic Tools

GT18**Power Unit****ORDERING INFORMATION:**

PART NUMBER	DESCRIPTION
GT18B02	5 or 8 GPM Briggs & Stratton 18 HP
GT18B05	5 or 8 GPM Briggs & Stratton 18 HP, Powerlink 110 vac, 12 vdc
GT18H02	5 or 8 GPM Honda GX620

ACCESSORIES	DESCRIPTION
31848	Dual Hose, 50 ft x 1/2", with couplers
31972	Dual Hose, 25 ft x 1/2", with couplers
58633	Twinned Hose, 25 ft x 1/2", with couplers
58634	Twinned Hose, 50 ft x 1/2", with couplers
33212	Weather Cover
13360	Hose Basket Conversion Kit
52721	High Altitude (0-6000 ft) Carburetor Jet Kit for Honda
52722	High Altitude (6000-8000 ft) Carburetor Jet Kit for Honda

WARRANTY:

Stanley Hydraulic Tools and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. Stanley Hydraulic Tools reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

All Stanley Hydraulic Tools, parts, accessories and allied equipment are subject to design improvements, specifications and price changes at any time without notice and with no obligation to units already sold. Weights, dimensions and operating specifications listed herein are subject to change without notice. Where specifications are critical to your applications, please consult Stanley Hydraulic Tools.

Stanley Hydraulic Tools
3810 SE Naef Road
Milwaukie, OR 97267

503.659.5660
Fax 503.652.1780

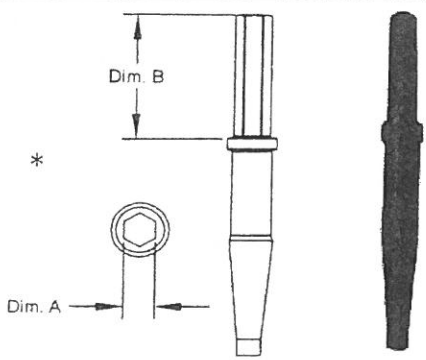
www.stanleyhydraulic.com

LOCK & RELEASE POWER DRIVE SHANKS

(SHANKS FIT ALL LOCK & RELEASE DRIVE CAPS)

PART NUMBER	HEX SIZE *	WEIGHT EACH
DS3875LR	7/8" x 3-1/4"	2.70#
DS4875LR	7/8" x 4-1/4"	2.85#
DS4100LR	1" x 4-1/4"	3.35#
DS61125LR	1-1/8" x 6"	4.75#
DS61250LR	1-1/4" x 6"	5.60#

*



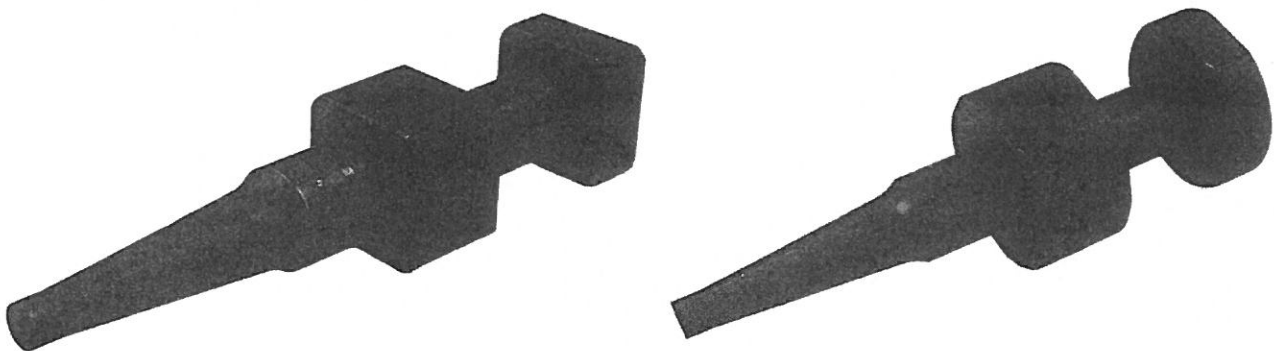
*Proper shank size determined from two measurements: (A) Hex diameter across two opposite flats.

(B) Hex length from locking collar to top of hex.

LOCK & RELEASE ADAPTERS

(ADAPTERS FIT ALL LOCK & RELEASE DRIVE CAPS)

PART NUMBER	HAMMER	HAMMER OPENING	WEIGHT EA.
SAPD45LR**	STANLEY	2-9/16" SQ.	9.26#
SAPD48LR	STANLEY	4-1/8" RD.	14.49#
FA380LR	FAIRMONT	3.8" RD.	13.24#
FA280LR	FAIRMONT	2.8" RD.	8.75#
FA2040LR	FAIRMONT	2" x 4" RECT.	9.00#
FA2540LR	FAIRMONT	2-1/2" x 4" RECT.	9.82#
RAPD50LR	RHINO	3.57" RD.	15.19#
RAPD55LR	RHINO	3.8" RD.	15.55#
RAPD100LR	RHINO	4-1/4" RD.	16.80#



** FOR STANLEY MODELS PD45131 & PD45132, WILL NOT FIT MODEL PD45132G.

MANUAL DRIVE CAPS

PART NUMBER	TYPE	GUIDE SIZE	FITS ANCHOR SIZE	WEIGHT EACH
DC150175M	SQ.	1-1/2"	1-3/4" x 12 ga.	4.73#
DC175200M	SQ.	1-3/4"	2" x 12 ga.	5.25#
DC200225M	SQ.	2"	2-1/4" x 12 ga.	5.85#
DC219250M	SQ.	2-3/16"	2-1/2" x 10 ga.	7.38#
DC225250M	SQ.	2-1/4"	2-1/2" x 12 ga.	7.55#
DC250300M	SQ.	2-1/2"	3" x 7 ga.	9.00#
DC231250M	RD.	2-5/16"	2-1/2" x 14 ga.	5.87#
DC262278M	RD.	2-5/8"	2-7/8" x 10 ga.	7.64#
UCDC-24M	U-CH	U-Channel	2# - 4# SECTIONS	10.25#



SQUARE



ROUND



U - CHANNEL

LOCK & RELEASE POWER DRIVE CAPS

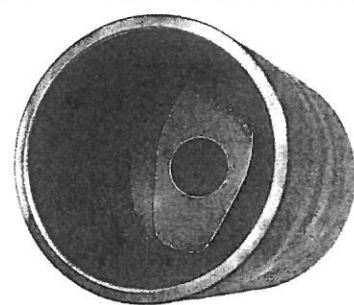
PART NUMBER	TYPE	GUIDE SIZE	FITS ANCHOR SIZE	WEIGHT EACH
DC150175LR	SQ.	1-1/2"	1-3/4" x 12 ga.	3.74#
DC175200LR	SQ.	1-3/4"	2" x 12 ga.	4.24#
DC200225LR	SQ.	2"	2-1/4" x 12 ga.	4.86#
DC219250LR	SQ.	2-3/16"	2-1/2" x 10 ga.	6.40#
DC225250LR	SQ.	2-1/4"	2-1/2" x 12 ga.	6.57#
DC250300LR	SQ.	2-1/2"	3" x 7 ga.	8.03#
DC231250LR	RD.	2-5/16"	2-1/2" x 14 ga.	4.86#
DC262278LR	RD.	2-5/8"	2-7/8" x 10 ga.	6.64#
UCDC-24LR	U-CH	U-Channel	2# - 4# SECTIONS	9.25#



SQUARE



ROUND



U - CHANNEL

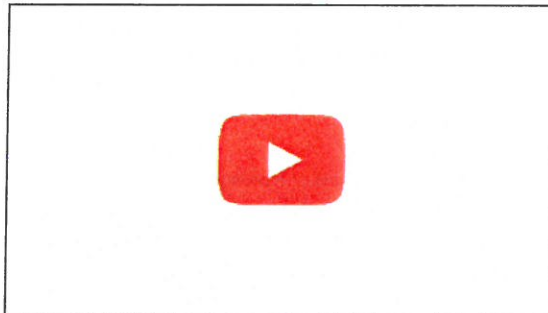
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Viper Diesel - 80 CFM

Introducing the New Viper Diesel Portable Air Compressor

Vanair is once again meeting the markets demand with the introduction of the Viper Diesel 80 cfm air compressor with infinitely variable throttle control to reduce fuel consumption. Powerful enough to operate most 90 lb jack hammers, the rugged system is small enough to fit behind the cab of your vehicle or be mounted on the sidepack. Completely self-contained and easily transferable via a lifting bail, the Viper diesel provides you with the air power you need, when and where you need it without vehicle and/or engine modification. The Viper features a tier 4 certified Kubota engine and reduces your vehicle's idle time - saving fuel and extending your vehicles engine lifespan.



[See full length video here](#)

Specifications	
Capacity (CFM)	80
Air (psig)	100
Platform Dimensions (L X W X H)	47 x 24 x 38
Dry Weight (lbs.)	800
Fuel Capacity (gal.)	9.5
Engine Speed* (rpm)	3600

***Dimensions listed are not a complete representation of total space necessary. Please consult Vanair for overall space and air requirements.*

**Idle Speed: 48 CFM @ 100 psig @ 2200 RPM*

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.

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Brochure



Warranty



SPECIAL FEATURES

Compressor

- Lifetime Warranty on air end
- Direct drive - no belts
- Oil injected rotary screw air end encapsulated
- Powder-coated, galvanized sheetmetal enclosure
- Spin-on air-oil separating element
- Lifting bail

Engine

- Make: Kubota tier 4 certified
- Fuel type: diesel
- Liquid cooled
- Engine type: 3 cylinder
- Horsepower: 24.8 HP
- Fuel tank capacity: 9.5 US gal.
- Glow plugs for engine starting

Safety Equipment

- High-temperature shutdown compressor and engine
- Low engine oil pressure shutdown
- Air pressure-relief safety valve
- Minimum pressure orifice
- Automatic blowdown on shutdown
- Oil fill plug safety relief

Instrumentation

- Conveniently located electronic easy-to-start instrumentation panel features an hour meter, pressure and temperature readout, fuel gauge and engine rpm
- Control panel can be remote mounted with extension harness

Options/Accessories

- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Tool oiler/lubricator
- Post drivers
- Casters
- Cold weather package to prevent freeze-ups
- Remote instrument panel
- Air after cooler
- Remote fuel option
- Maintenance kits

Maintenance

- Easy service access - removable front panel and hinged top for serviceability

Additional Features

- Cooling baffle ensures ventilation, protects machine from debris and reduces noise
- Allows extra DC power for air after cooler use
- 40 Amp alternator
- Self Contained or integrated with chassis
- Integrated battery
- Sized to fit behind the cab or side pack
- Automatic variable throttle control reduces fuel consumption

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Warranty

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Viper Gas - 60 to 80 CFM

Gas-powered Transportability

Mobile power when and where you need it, along with the flexibility of a gas-powered, rotary screw air compressor, truly gives you the "best of all worlds." The Viper offers heavy-duty power, on or off your truck bed, and the flexibility that only a transportable unit can offer. The Viper is ideal for monument engraving, irrigation service, rental markets, post pounding, directional boring, and general construction.

Compressor Dimensions with fittings (in.) -
42L x 33W x 29.5H

****Dimensions listed are not a complete representation of total space necessary. Please consult Vanair for overall space and air requirements.**

Dry Weight (lbs.) -535 lbs.

Allow for adequate air flow

Specifications

Capacity (CFM)	60	60	70	80
Air Pressure (psi)	100	150	100	100
Full Load Engine Speed (rpm)	3600	3600	3500	3575

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.

SPECIAL FEATURES

Compressor

- Vanguard™ Lifetime Warranty on air end
- Oil-injected Sullair® rotary screw air end
- Powder-coated, galvanneal sheetmetal enclosure
- Spin-on air-oil separating element
- Lifting bail

Engine

- Make: Kohler
- Fuel type: gasoline
- Engine type: 4-cycle, V-twin, overhead valve
- Horsepower: 25 HP
- Fuel tank capacity: 5 US gal.



Integrated Inlet Control

- Eliminates bolt-on designs

Safety Equipment

- High-temperature shutdown
- Air pressure-relief safety valve
- Minimum pressure orifice
- Automatic blowdown on shutdown
- Oil fill plug safety relief

Instrumentation

- Conveniently located, easy-to-read instrumentation panel features an hour meter and pressure gauge

Options/Accessories

- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Sullair® air tools
- Tool Oil Line Lubricator
- Post drivers
- Running gear
- Casters
- Cold weather package to prevent freeze-ups
- 5200-watt generator at 40 cfm

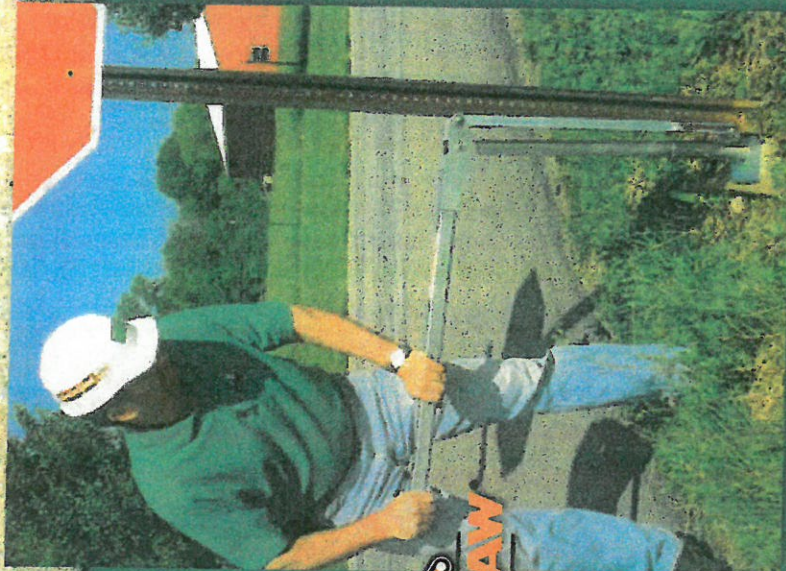
The New Force in Sign Post Pulling!



JJ0300 for U pickets

Pulls Sign Posts Straight Out!

- Fast, easy, safe sign post pulling
- Lightweight, powerful, all steel construction
- Grips tightly on sign post, no slipping, no back strain
- 16 to 1 mechanical advantage, 100lbs push down on handle = 1600lbs pull up on sign post
- Portable, quick one man pulling of remote (off road) signs
- JackJaw 300 pulls U pickets and T posts and grounding rods
- JackJaw 304 pulls square sign posts (2" - 2 1/4")
- JackJaw 305 pulls round sched. 40 steel posts (2-3/8" dia.)



JJ0304 for square posts

Increase Efficiency and Reduce Costs with JackJaw Post Extractors!

"We love it. Anybody can use the JackJaw" to pull sign posts. It is so easy to use! It saves us sending a piece of equipment and two men across town. With the JackJaw Extractor, one man in a pickup truck can do the job!"

Bill Guhn, Street Department Foreman
City of Fremont, Fremont, Ohio



JackJaw® 300 Sign Post Puller

"That thing (JackJaw® 300) is fantastic! We pull U channel posts and T posts so easily."

James Farquer, Services Manager
Harmony Township, Ohio

Save man-hours and fuel, plus prevent back injuries with JackJaw® Sign Post Pullers!

JackJaw® Post Pullers are the new force in post pulling. The powerful, patented jaw and lever mechanism allows you to pull posts straight out of the ground or asphalt without bending the post or breaking your back. The sturdy lever arm gives you a 16 to 1 mechanical advantage. A 100lb down force on the handle generates a 1600lb upward force, and a 3200lb gripping force on the stake.

filled post or uneven ground? No problem! Just lean the JackJaw to align with the post.

To purchase a JackJaw® Sign Post Puller call **937.429.9089**, fax **937.427.4653**, email sales@jackjaw.com or visit our website at www.jackjaw.com. Satisfaction guaranteed or your money back!

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